

Technical document

TAF TSI — ANNEX D.2: APPENDIX F — TAF TSI DATA AND MESSAGE MODEL

*In the Document History table, version are identified as x.n where
“x” is a correlative number assigned to an approved version when reaching a main milestones
“n” is a correlative number assigned to draft versions, starting by 1. “n”=0 means version approved
Information related to previous draft versions (i.e. 0.1, 0.2 etc.) shall be deleted from the table when a subsequent approved version is issued.*

Document History

| <i>Version</i> | <i>Date</i> | <i>Comments</i> |
|----------------|-------------|--------------------------|
| 1.0 | 25.01.2011 | Initial version |
| 1.1 | 15.05.2012 | New TAF TSI baseline 5.2 |

| | | |
|-------|------------|---|
| 2.0 | 08.08.2013 | All the chapters were revised due to the TAF TSI Revision Process and the TAF TSI CCM WP cycle 2012 – 2013. New TAF TSI baseline 5.3. |
| 2.0 | 17.10.2013 | Validated by the ERA TAF CCB on 11.09.2013 |
| 2.1 | 10.02.2015 | All the chapters were revised due to the TAF TSI CCM WP cycle 2013 – 2014. Validated by the ERA TAF CCB on 10.02.2015. New TAF TSI baseline 2.1 |
| 2.2 | 18.03.2018 | New TAF TSI baseline 2.2 |
| 2.2.2 | 16.06.2018 | Validated by the ERA TAF CCB on 31.05.2018. |
| 2.3.0 | 30.11.2018 | Validated by the ERA TAF CCB on 28.11.2018. |
| 2.3.1 | 16.04.2020 | Hotfix 2.3.1 |
| 2.4.0 | 27.05.2020 | Validated by the ERA TAF CCB on 27.05.2020 |
| 2.4.1 | 03.09.2020 | Hotfix 2.4.1 |
| 2.5.0 | 15.12.2020 | Validated by the ERA TAF CCB on 25.11.2020 |
| 3.0.0 | 15.06.2021 | Validated by the ERA TAF CCB on 26.05.2021 |
| 3.1.0 | 15.12.2021 | Validated by the ERA TAF CCB on 24.11.2021 |
| 3.2.0 | 15.06.2022 | Validated by the ERA TAF CCB on 01.06.2022 |
| 3.3.0 | 15.12.2022 | Validated by the ERA TAF CCB on 30.11.2022 |
| 3.4.0 | 15.06.2023 | Validated by the ERA TAF CCB on 31.05.2023 |
| 3.4.1 | 15.12.2023 | Validated by the ERA TAF CCB on 29.11.2023 |

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Application:

With effect from 08 March 2012.

All actors of the European Union falling under the provisions of the TAF TSI.

1. Summary

The following document is a complete list of data elements and messages defined in the TAF-TSI data catalogue. It is represented in XML format.

This catalogue shall be used as a basis for message development. During the course of the technical specifications and the implementation phase, this catalogue may be modified and/or amended.

All the elements listed in appendixes B, C and D are contained within this catalogue and described in detail.

The TAF TSI data catalogue is split into two documents:

- › The schema TAF_CAT_COMPLETE.XSD, containing the messages and the main data elements of the TAF TSI
- › The schema TAF_CAT_CODELIST.XSD, containing the code lists of the TAF TSI

In accordance with Commission Regulation (EU) 2015/302 of 25 February 2015 amending Regulation (EU) No 454/2011 on the technical specification for interoperability relating to the subsystem ‘telematics applications for passenger services’, the technical document TAP TSI Technical Document B.30 attached to TAP TSI refers to the TAF TSI data catalogue. Therefore, for TAF TSI and TAP TSI there will share a unique RU/IM communication catalogue.

2. Schema taf_cat_complete.xsd**Schema [taf_cat_complete.xsd](#)**

schema location: [taf_cat_complete.xsd](#)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.4>

| Elements | Complex types | Simple types | Attributes |
|--|--|---|-----------------------------------|
| ActualEndDateTime | CargoCodeType | CommunicationRefID | CI_InstanceNumber |
| ActualETA | CompositeIdentifierOperationalType | CompanyCode | |
| ActualETI | CompositeIdentifierPlannedType | CountryIdentISO | |
| AdditionalInstruction | ConsignmentIdent | CurrencyCode_Type | |
| Address | CustomerCode | DeltaTime | |
| AdministrativeContactInformation | DanGoodsType | DerailmentDetectionDevice | |
| AffectedLocation | DimensionValue | EquipmentNumberType | |
| AffectedSection | IntermodalTransportDataType | EquipmentTypeType | |

| | | |
|--|-----------------------------------|---|
| AgainstBooked | LocationIdent | ForwardingRestrictionType |
| AgainstReferenced | TrainActivityType | FreeText |
| AgreedTimeOfDelivery | WagonTelematics | LoadUnitNumberType |
| AirBrake | | Money_Type |
| AirBrakedMass | | Name |
| AlertMessage | | NHMCodeType |
| AllocationCompany | | Numeric1-5 |
| Altitude | | Numeric1-6 |
| ArrivalAtDestination | | Numeric2-2 |
| ArrivalInterchangeReport | | Numeric3-3 |
| ArrivalTimeAtDestination | | Numeric4-4 |
| ArrivalTimeAtLocation | | Percentage |
| ArrivalTimeAtLocationActual | | Speed |
| ArrivalTrackAtLocation | | String1-10 |
| AssociatedAttachedLocationIdent | | String1-14 |
| AssociatedAttachedOTN | | String1-5 |
| AssociatedAttachedTimingAtLocation | | String1-7 |
| AssociatedAttachedTrainID | | String1-8 |
| AssociatedAttachedTrainServiceNumber | | String4-4 |
| BitmapDays | | String5-5 |
| BogiePitch | | String5-8 |
| BogieWagonsOnly | | Time |
| BookedLocationDateTime | | VolumeValue |
| BookedLocationTime | | WagonIdent |
| BrakeWeight | | WeightValueKilo |
| BrakingRatio | | WeightValueTonne |
| CarrierStatus | | |
| ChangeofTrackMessage | | |
| CityTown | | |
| ClosingTime | | |
| Coasting | | |
| Comments | | |
| CommitmentETA | | |
| Company | | |
| ConsignmentNumber | | |
| ConsignmentOrderMessage | | |
| ContainerHandlingFlag | | |
| ContractNumber | | |
| ContractNumberMovement | | |
| CoordinatingIM | | |
| Core | | |
| CountryCodeISO | | |
| CreateDateTime | | |
| Customer | | |
| CustomerNumber | | |
| Customers | | |
| DangerousGoodsIndication | | |

[DangerousGoodsIndicator](#)[DangerousGoodsVolume](#)[DangerousGoodsWeight](#)[Date](#)[DateLastOverhaul](#)[DateNextOverhaul](#)[DatePutIntoService](#)[DeclarationText](#)[DelayCause](#)[DelayCauseTime](#)[DelayCodingDateTime](#)[DelayEventDateTime](#)[DelayEventReport](#)[DelayLocation](#)[DelayMinutes](#)[DeliveryAtDestination](#)[DeliveryReference](#)[DeliveryTimeAtDestination](#)[DeliveryTimeAtInterchange](#)[DepartureInterchangeReport](#)[DepartureJourneyTrack](#)[DepartureTimeAtLocation](#)[DepartureTrackAtLocation](#)[Destination](#)[Dimensions](#)[DwellTime](#)[eMail](#)[EmergencyBrakeOverride](#)[EndDate](#)[EndDateTime](#)[EndLocation](#)[ErrorMessage](#)[EstimatedEndDateTime](#)[EventType](#)[ExceptionalGaugingCode](#)[ExceptionalGaugingIdent](#)[ExceptionalGaugingInd](#)[ExceptionalGaugingProfile](#)[ExceptionPoint](#)[ExceptionReason](#)[ExceptionTimeAtLocation](#)[FaxNumber](#)[FerryPermittedFlag](#)[FreeTextField](#)[FreightFlag](#)[GeographicalCoordinates](#)[GeographicCoordinates](#)[GeoLocalisation](#)

[GeoLocalisationOnNetwork](#)[GNSS_DynamicPosition](#)[Goods](#)[GoodsDescription](#)[GoodsInWagon](#)[GrossWeight](#)[HandBrake](#)[HandlingInstruction](#)[HandoverPointFlag](#)[Height](#)[HighestPlannedSpeed](#)[Identifiers](#)[ILU](#)[ILU_Details](#)[ILU_Type](#)[IM_Partner](#)[ImpactedRU](#)[IntermediateDestination](#)[InternalReferenceIdentifier](#)[InterruptionDateTime](#)[InterruptionDescription](#)[InterruptionInformation](#)[InterruptionPoint](#)[InterruptionReason](#)[ITU](#)[ITU_Details](#)[ITU_Type](#)[JourneySection](#)[JourneySectionDestination](#)[JourneySectionOrigin](#)[KeeperShortNameVKM](#)[LastModifiedDateTime](#)[Latitude](#)[LeadRU](#)[Length](#)[LengthOfSetOfCarriages](#)[LengthOverBuffers](#)[LoadArea](#)[LoadingCapacity](#)[LoadingFacility](#)[LoadingStatus](#)[LoadingTackles](#)[Location](#)[LocationActualTrack](#)[LocationDateTime](#)[LocationFileDatasetMessage](#)[LocationModified](#)[LocationPlannedTrack](#)

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[LocationPrimaryInformation](#)
[LocationPrimaryName](#)
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[LocationSubsidiaryIdentification](#)
[LocationSubsidiaryInformation](#)
[LocationSubsidiaryName](#)
[LocoNumber](#)
[LocoTypeNumber](#)
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[MaxGrossWeight](#)
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[TrainDelayCauseMessage](#)

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[TransferPoint](#)
[TransportInstruction](#)
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[TypeOfInformation](#)
[TypeOfRequest](#)
[TypeOfRUHarmonization](#)
[TypeofService](#)
[UltimateDestinationCountry](#)
[UN Number](#)
[ValidityPeriod](#)
[Value](#)
[Variant](#)
[VesselIndication](#)
[VesselName](#)
[Volume](#)
[WagonAtDeparture](#)
[WagonData](#)
[WagonDeliveryNoticeMessage](#)
[WagonETI ETA Message](#)
[WagonEventInformation](#)
[WagonInformation](#)
[WagonLength](#)

[WagonLocationStatus](#)[WagonMaxSpeed](#)[WagonNumberFreight](#)[WagonNumberOfAxles](#)[WagonOperationalData](#)[WagonPickupAtOrigin](#)[Wagons](#)[WagonStatusMessages](#)[WagonTechData](#)[WagonTrainPosition](#)[WagonWeightEmpty](#)[WeightOfSetOfCarriages](#)[WheelDiameter](#)[WheelsetGauge](#)[Width](#)[WIMO Dataset](#)[YardArrival](#)[YardDeparture](#)

element **ActualEndDateTime**

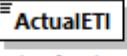
| | |
|------------|--|
| diagram |  ActualEndDateTime Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding. |
| source | <pre><xs:element name="ActualEndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ActualETA**

| | |
|---------|--|
| diagram |  ActualETA Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding. |
|---------|--|

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element AlertMessage |
| annotation | documentation Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding. |
| source | <pre><xs:element name="ActualETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></pre> |

element ActualETI

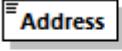
| | |
|------------|---|
| diagram |  ActualETI <p>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point |
| source | <pre><xs:element name="ActualETI" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</xs:documentation> </xs:annotation> </xs:element></pre> |

element AdditionalInstruction

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| diagram |  AdditionalInstruction <p>Additional instructions regarding the wagon or shipment in free text</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |

| | |
|------------|---|
| annotation | documentation Additional instructions regarding the wagon or shipment in free text |
| source | <xs:element name="AdditionalInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Additional instructions regarding the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element> |

element Address

| | |
|------------|---|
| diagram |  Generic postal address in clear text |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| used by | element AdministrativeContactInformation |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation Generic postal address in clear text |
| source | <xs:element name="Address" type="FreeText"> <xs:annotation> <xs:documentation>Generic postal address in clear text</xs:documentation> </xs:annotation> </xs:element> |

element **AdministrativeContactInformation**

| | |
|------------|---|
| diagram | <p>Used to define administrative contact information</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Name Address eMail PhoneNumber FaxNumber FreeTextField |
| used by | elements Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage |
| annotation | documentation Used to define administrative contact information |
| source | <pre> <xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element ref="Address" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> <xs:element ref="PhoneNumber" minOccurs="0"/> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **AffectedLocation**

| | |
|------------|---|
| diagram | <p>AffectedLocation Affected location</p> <p>Location Identifies a Location using a LocationIdent</p> <p>LocationDateTime Identifies the actual or forecasted Date / Time at a specific reporting point</p> <p>OperationalTrainNumberIdentifier</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location LocationDateTime OperationalTrainNumberIdentifier |
| used by | ReceiptConfirmationMessage |
| annotation | documentation Affected location |
| source | <pre><xs:element name="AffectedLocation"> <xs:annotation> <xs:documentation>Affected location </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **AffectedSection**

| | |
|-----------|--|
| diagram | <p>AffectedSection Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path</p> <p>StartOfSection</p> <p>EndOfSection</p> <p>OperationalTrainNumberIdentifier</p> <p>PlannedCalendar This is the calendar item for path request/path details messages - used in planning phase</p> <p>NetworkSpecificParameter 0..∞ The usage of this element must be specified in national rules and has to be defined by each IM</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | StartOfSection EndOfSection OperationalTrainNumberIdentifier PlannedCalendar NetworkSpecificParameter |
| used by | elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage ReceiptConfirmationMessage |
| annotation | documentation Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path |
| source | <pre> <xs:element name="AffectedSection"> <xs:annotation> <xs:documentation>Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **AffectedSection/StartOfSection**

| | |
|------------|---|
| diagram | <pre> classDiagram class StartOfSection class LocationIdent { <<extension>> class CountryCodeISO class LocationPrimaryCode class PrimaryLocationName class LocationSubsidiaryIdentification } class BookedLocationDateTime class BookedLocationTime StartOfSection --> LocationIdent CountryCodeISO --> "Identifies a County or State by code (ISO 3166-1)" LocationPrimaryCode --> "Location Name in an official language of the Country using the ISO Unicode alphabet" PrimaryLocationName --> "Code, Name and allocation company of Subsidiary Location" LocationSubsidiaryIdentification --> "BookedLocationDateTime" BookedLocationDateTime --> "Scheduled Date and Time of a train at a specified location as defined in the path contract" BookedLocationTime --> "BookedLocationTime" </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime |
| source | <pre> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre> |

element **AffectedSection/EndOfSection**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime |
| source | <pre><xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre> |

element **AgainstBooked**

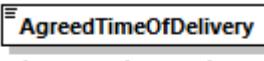
| | |
|-----------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | DeltaTime |

| | |
|------------|--|
| properties | content simple |
| used by | element TrainDelay |
| facets | Kind Value Annotation length 5 |
| annotation | documentation Identifies the Delta delay time against the booked schedule in minutes |
| source | <pre><xs:element name="AgainstBooked" type="DeltaTime"> <xs:annotation> <xs:documentation>Identifies the Delta delay time against the booked schedule in minutes</xs:documentation> </xs:annotation> </xs:element></pre> |

element AgainstReferenced

| | |
|------------|--|
| diagram |  <p>Delay compared to the referenced Date/Time</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | DeltaTime |
| properties | content simple |
| used by | element TrainDelay |
| facets | Kind Value Annotation length 5 |
| annotation | documentation Delay compared to the referenced Date/Time |
| source | <pre><xs:element name="AgainstReferenced" type="DeltaTime"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element></pre> |

element AgreedTimeOfDelivery

| | |
|------------|--|
| diagram |  <p>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer...</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | elements ConsignmentOrderMessage/COMS/COM_WIMO Dataset/ConsignmentLevelData |
| annotation | documentation The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings |

| | |
|--------|---|
| source | <pre><xs:element name="AgreedTimeOfDelivery" type="xs:dateTime"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|---|

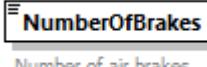
element **AirBrake**

| | |
|------------|---|
| diagram | <p>The diagram illustrates the AirBrake element and its associated characteristics. The AirBrake class is connected to a multiplicity of three dots, which is then connected to a box labeled "Characteristics of Air Brakes". This box contains several sub-classes: NumberOfBrakes, BrakeSystem, AirBrakeType, BrakingPowerVariationDevice, AirBrakedMass, LoadChangeDevice (with a multiplicity of 0..∞), and BrakeSpecialCharacteristics. Each sub-class has its own detailed description.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | NumberOfBrakes BrakeSystem AirBrakeType BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice BrakeSpecialCharacteristics |
| used by | element RollingStockDataset/DesignDataSet |
| annotation | documentation Characteristics of Air Brakes |

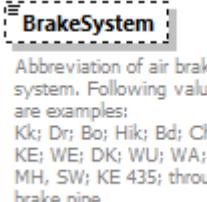
| | |
|--------|--|
| source | <pre> <xs:element name="AirBrake"> <xs:annotation> <xs:documentation>Characteristics of Air Brakes</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element> <xs:element name="BrakeSystem" minOccurs="0"> <xs:annotation> <xs:documentation>Abbreviation of air brake system. Following values are examples: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH; SW; KE 435; through brake pipe</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AirBrakeType"/> <xs:element ref="BrakingPowerVariationDevice"/> <xs:element ref="AirBrakedMass"> <xs:annotation> <xs:documentation> General braked weight for wagon without any variation device or braked weight in position "empty" for wagons with a variation device or maximum braked weight for wagons with a linear auto continuous braked weight device "0" for wagons without braked system (in tonnes)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonnes variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonnes loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre> |
|--------|--|

| | |
|--|---|
| | <pre> </xs:element> <xs:element ref="BrakeSpecialCharacteristics"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **AirBrake/NumberOfBrakes**

| diagram |  | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|----|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Numeric2-2 | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 01 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 01 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Number of air brakes</p> | | | | | | | | | |
| source | <pre> <xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | |

element **AirBrake/BrakeSystem**

| diagram |  | | | | | | |
|------------|---|------------|-------|------------|-----------|---------|--------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:string | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | simple |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | maxLength | 256 | |
| Kind | Value | Annotation | | | | | |
| maxLength | 256 | | | | | | |
| annotation | <p>documentation</p> <p>Abbreviation of air brake system. Following values are examples:</p> <p>Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</p> | | | | | | |
| source | <pre> <xs:element name="BrakeSystem" minOccurs="0"> <xs:annotation> <xs:documentation>Abbreviation of air brake system. Following values are examples:</xs:documentation> <xs:annotation>Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:annotation> </xs:annotation> </xs:element> </pre> | | | | | | |

| | |
|--|---|
| | <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xsmaxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **AirBrake/LoadChangeDevice**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc unbounded content complex |
| children | ChangeOverWeight AirBrakedMassLoaded |
| annotation | documentation Specific weights for change over air brake systems |
| source | <pre> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

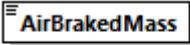
element **AirBrake/LoadChangeDevice/ChangeOverWeight**

| | |
|------------|--|
| diagram |  Change over weight of braked weight in tonnes variation device |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric3-3 |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 001 maxInclusive 999 |
| annotation | documentation Change over weight of braked weight in tonnes variation device |
| source | <pre><xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonnes variation device</xs:documentation> </xs:annotation> </xs:element></pre> |

element **AirBrake/LoadChangeDevice/AirBrakedMassLoaded**

| | |
|------------|--|
| diagram |  Braked weight in tonnes loaded for change over weight |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric3-3 |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 001 maxInclusive 999 |
| annotation | documentation Braked weight in tonnes loaded for change over weight |
| source | <pre><xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonnes loaded for change over weight</xs:documentation> </xs:annotation> </xs:element></pre> |

element **AirBrakedMass**

| diagram |  | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-----|--|
| | General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons). | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element AirBrake | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 0 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</p> | | | | | | | | | |
| source | <pre> <xs:element name="AirBrakedMass"> <xs:annotation> <xs:documentation>General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **AlertMessage**

| | |
|------------|---|
| diagram | <pre> classDiagram class AlertMessage { <<Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain>> } class MessageHeader { <<Used for all messages>> } class CommitmentETA { <<Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.>> } class ActualETA { <<Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.>> } class WagonNumberFreight { <<Identifies uniquely the freight wagon by its number>> } AlertMessage < -- MessageHeader AlertMessage --> CommitmentETA AlertMessage --> ActualETA AlertMessage --> WagonNumberFreight </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader CommitmentETA ActualETA WagonNumberFreight |
| annotation | <p>documentation</p> <p>Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</p> |
| source | <pre> <xsd:element name="AlertMessage"> <xsd:annotation> <xsd:documentation>Following the comparison between the actual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="MessageHeader"/> <xsd:element ref="CommitmentETA"/> <xsd:element ref="ActualETA"/> <xsd:element ref="WagonNumberFreight"/> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

element **AllocationCompany**

| | |
|-----------|--|
| diagram | <pre> classDiagram class AllocationCompany { <<Name of company who is responsible for allocation and maintenance of codes>> } </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |

| | |
|------------|--|
| properties | content simple |
| used by | elements LocationSubsidiaryIdentification LocationSubsidiaryInformation |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation Name of company who is responsible for allocation and maintenance of codes |
| source | <pre><xs:element name="AllocationCompany" type="CompanyCode"> <xss:annotation> <xss:documentation>Name of company who is responsible for allocation and maintenance of codes</xss:documentation> </xss:annotation> </xs:element></pre> |

element Altitude

| | |
|------------|---|
| diagram | <p>Altitude Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:integer |
| properties | content simple |
| used by | element GeographicCoordinates |
| annotation | documentation Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m |
| source | <pre><xs:element name="Altitude" type="xs:integer"> <xss:annotation> <xss:documentation>Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</xss:documentation> </xss:annotation> </xs:element></pre> |

element ArrivalAtDestination

| | |
|-----------|---|
| diagram | <p>ArrivalAtDestination → Destination [+] Destination Location ArrivalTimeAtDestination The actual Date and Time of the arrival of wagons by train at its final destination yard</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | Destination ArrivalTimeAtDestination |
| annotation | documentation Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings |
| source | <pre><xs:element name="ArrivalAtDestination"> <xs:annotation> <xs:documentation>Arrival of a wagon at its destination point with Date and Time. The location is not the final destination at customer sidings, but the location of the last RU which has to organise the final delivery of the wagon to customer sidings</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="ArrivalTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ArrivalInterchangeReport**

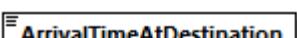
| | |
|------------|---|
| diagram | <pre> classDiagram class ArrivalInterchangeReport { <<The arrival or interchange station where ETI end>> } class Source { <<Source of information>> } class Location { <<Identifies a Location using a LocationIdent>> } class ArrivalTimeAtLocation { <<The actual arrival date and time at the defined location>> } class TrainID ArrivalInterchangeReport "2" -- "1" Source : ArrivalInterchangeReport "2" -- "1" Location : ArrivalInterchangeReport "2" -- "1" ArrivalTimeAtLocation : ArrivalInterchangeReport "2" -- "1" TrainID : </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Source Location ArrivalTimeAtLocation TrainID |
| used by | element WagonETI ETA Message |
| annotation | documentation The arrival or interchange station where ETI end |
| source | <pre><xs:element name="ArrivalInterchangeReport"> <xs:annotation> <xs:documentation>The arrival or interchange station where ETI end</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|---|
| | <pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ArrivalInterchangeReport/Source**

| diagram |  <p>Source of information</p> | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|-----------------------------|--|-------------|---------------------------|--|-------------|---------------------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Experienced time of arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Real Time Train Situation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Estimated time of arrival</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Experienced time of arrival | | enumeration | Real Time Train Situation | | enumeration | Estimated time of arrival | |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | Experienced time of arrival | | | | | | | | | | | | |
| enumeration | Real Time Train Situation | | | | | | | | | | | | |
| enumeration | Estimated time of arrival | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Source of information</p> | | | | | | | | | | | | |
| source | <pre> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | |

element **ArrivalTimeAtDestination**

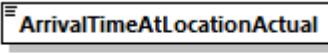
| | |
|-----------|---|
| diagram |  <p>The actual Date and Time of the arrival of wagons by train at its final destination yard</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |

| | |
|------------|---|
| properties | content simple |
| used by | element ArrivalAtDestination |
| annotation | documentation The actual Date and Time of the arrival of wagons by train at its final destination yard |
| source | <pre><xs:element name="ArrivalTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time of the arrival of wagons by train at its final destination yard</xs:documentation> </xs:annotation> </xs:element></pre> |

element ArrivalTimeAtLocation

| | |
|------------|--|
| diagram |  <p>The actual arrival date and time at the defined location</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element ArrivalInterchangeReport |
| annotation | documentation The actual arrival date and time at the defined location |
| source | <pre><xs:element name="ArrivalTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre> |

element ArrivalTimeAtLocationActual

| | |
|------------|--|
| diagram |  <p>The actual arrival date and time at the defined location</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element YardArrival |
| annotation | documentation The actual arrival date and time at the defined location |
| source | <pre><xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ArrivalTrackAtLocation**

| | |
|------------|---|
| diagram | <pre> classDiagram class ArrivalTrackAtLocation { <<Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.>> } class LocationIdent { <<Identifies a County or State by code (ISO 3166-1)>> <<Location Name in an officiation language of the Country using the ISO Unicode alphabet>> <<Code, Name and allocation company of Subsidiary Location>> <<Code, Name and allocation company of Subsidiary Location>> } ArrivalTrackAtLocation "1..*" --> "1..*" LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation</p> <p>Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p> |
| source | <pre> <xs:element name="ArrivalTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Identifies the track of the arrival of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode. </xs:documentation> </xs:annotation> </xs:element> </pre> |

element **AssociatedAttachedLocationIdent**

| | |
|------------|---|
| diagram | <pre> classDiagram class AssociatedAttachedLocationIdent class LocationIdent { <<CountryCodeISO>> <<LocationPrimaryCode>> <<PrimaryLocationName>> <<LocationSubsidiaryIdentification>> } AssociatedAttachedLocationIdent --> LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| used by | complexType TrainActivityType |
| annotation | documentation Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists |
| source | <pre> <xs:element name="AssociatedAttachedLocationIdent" type="LocationIdent"> <xs:annotation> <xs:documentation>Location in the path of train with AssociatedAttachedTrainID/AssociatedAttachedOTN, for which dependency described in TrainActivityTypeCode exists </xs:documentation> </xs:annotation> </xs:element> </pre> |

element **AssociatedAttachedOTN**

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| diagram | <pre> classDiagram class AssociatedAttachedOTN </pre> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | String1-8 | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | complexType TrainActivityType | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 8 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 8 | | | | | | | | | |

| | |
|------------|---|
| annotation | documentation Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc. |
| source | <pre><xs:element name="AssociatedAttachedOTN" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **AssociatedAttachedTimingAtLocation**

| | |
|------------|--|
| diagram | <pre> classDiagram class AssociatedAttachedTimingAtLoc... class TimingAtLocation ... AssociatedAttachedTimingAtLoc... --> *----> TimingAtLocation </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TimingAtLocation |
| used by | complexType TrainActivityType |
| annotation | documentation Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType |
| source | <pre><xs:element name="AssociatedAttachedTimingAtLocation"> <xs:annotation> <xs:documentation>Identifies the time at location of the associated attached train or train service number given by AssociatedAttachedTrainID or AssociatedAttachedOTN or AssociatedAttachedTrainServiceNumber. In general, the Dwell Time element of structure TimingAtLocation is not provided when using TrainActivityType</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TimingAtLocation" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre> |

| | |
|--|---------------|
| | </xs:element> |
|--|---------------|

element **AssociatedAttachedTrainID**

| | |
|------------|--|
| diagram | <pre> classDiagram class CompositIdentifierPlannedType { ObjectType Company Core Variant TimetableYear StartDate } class AssociatedAttachedTrainID { <<TrainID of the Associated Train in an Attach Activity>> } CompositIdentifierPlannedType "1" -- "1" AssociatedAttachedTrainID </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompositIdentifierPlannedType |
| properties | content complex |
| children | ObjectType Company Core Variant TimetableYear StartDate |
| used by | complexType TrainActivityType |
| annotation | documentation TrainID of the Associated Train in an Attach Activity |
| source | <pre> <xs:element name="AssociatedAttachedTrainID" type="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>TrainID of the Associated Train in an Attach Activity</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **AssociatedAttachedTrainServiceNumber**

| | |
|------------|--|
| diagram |  AssociatedAttachedTrainServiceN... Identifies the associated train service line number for the train activity connecting service |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | String1-8 |
| properties | content simple |
| used by | complexType TrainActivityType |
| facets | Kind Value Annotation minLength 1 maxLength 8 |
| annotation | documentation Identifies the associated train service line number for the train activity connecting service |
| source | <pre><xs:element name="AssociatedAttachedTrainServiceNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the associated train service line number for the train activity connecting service</xs:documentation> </xs:annotation> </xs:element></pre> |

element **BitmapDays**

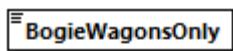
| | |
|------------|--|
| diagram |  BitmapDays Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | elements PlannedCalendar ReferenceTrainID SubCalendar RequestedCalendar |
| facets | Kind Value Annotation minLength 1 maxLength 740 whiteSpace collapse pattern [0-1]{1,740} |
| annotation | documentation Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise. |
| source | <pre><xs:element name="BitmapDays"> <xs:annotation> <xs:documentation>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</xs:documentation> </xs:annotation></pre> |

| | |
|--|---|
| | <pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xsmaxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element BogiePitch

| diagram |  <p>Bogie Wheelbase measured in mm</p> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| annotation | documentation Bogie Wheelbase measured in mm | | | | | | | | | |
| source | <pre> <xs:element name="BogiePitch"> <xs:annotation> <xs:documentation>Bogie Wheelbase measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element BogieWagonsOnly

| | |
|-----------|--|
| diagram |  <p>Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| type | xs:boolean |
| properties | content simple |
| used by | element PlannedTrainTechnicalData |
| annotation | documentation Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons). |
| source | <pre><xs:element name="BogieWagonsOnly" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).</xs:documentation> </xs:annotation> </xs:element></pre> |

element BookedLocationDateTime

| | |
|------------|--|
| diagram |  <p>Scheduled Date and Time of a train at a specified location as defined in the path contract</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | elements ChangeofTrackMessage DelayEventReport AffectedSection/EndOfSection InterruptionPoint JourneySectionDestination JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport |
| annotation | documentation Scheduled Date and Time of a train at a specified location as defined in the path contract |
| source | <pre><xs:element name="BookedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element></pre> |

element BookedLocationTime

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:time |
| properties | content simple |
| used by | elements AffectedSection/EndOfSection AffectedSection/StartOfSection |
| source | <pre><xs:element name="BookedLocationTime" type="xs:time"/></pre> |

element **BrakeWeight**

| diagram |  BrakeWeight Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements PlannedTrainTechnicalData TrainRunningTechData WagonOperationalData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 0 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| annotation | documentation Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes | | | | | | | | | |
| source | <pre> <xs:element name="BrakeWeight"> <xs:annotation> <xs:documentation>Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **BrakingRatio**

| diagram |  BrakingRatio Minimum percentage of braking. Expressed as an integer value (no percent sign should be added). | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements PlannedTrainTechnicalData TrainRunningTechData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | documentation Minimum percentage of braking. Expressed as an integer value (no percent sign should be added). | | | | | | | | | |
| source | <pre> <xs:element name="BrakingRatio"> <xs:annotation> </pre> | | | | | | | | | |

| | |
|--|--|
| | <pre> <xs:documentation>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:maxInclusive value="999"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **CarrierStatus**

| diagram | <p>Status of the carrier during the transport</p> <ul style="list-style-type: none"> 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note) | | | | | | | | | | | | | | | |
|-------------|---|--|-------|------------|-------------|---|---|-------------|---|--|-------------|---|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| used by | elements WagonStatusMessages/WagonStatusMessage/CarriersInvolved/CarrierConsignmentOrderMessage/COMS/COM/Carriers | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation 0: Contractual carrier</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation 1: Successive carrier</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation 2: Substitute carrier</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation 0: Contractual carrier | enumeration | 1 | documentation 1: Successive carrier | enumeration | 2 | documentation 2: Substitute carrier | enumeration | 3 | documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note) |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| enumeration | 0 | documentation 0: Contractual carrier | | | | | | | | | | | | | | |
| enumeration | 1 | documentation 1: Successive carrier | | | | | | | | | | | | | | |
| enumeration | 2 | documentation 2: Substitute carrier | | | | | | | | | | | | | | |
| enumeration | 3 | documentation 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note) | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Status of the carrier during the transport</p> <ul style="list-style-type: none"> 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note) | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="CarrierStatus"> <xs:annotation> <xs:documentation>Status of the carrier during the transport</xs:documentation> 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier </xs:annotation> </xs:element> </pre> | | | | | | | | | | | | | | | |

3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</xs:documentation>

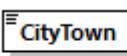
```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="0">
      <xs:annotation>
        <xs:documentation>0: Contractual carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>1: Successive carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>2: Substitute carrier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```

element **ChangeofTrackMessage**

| | |
|------------|---|
| diagram | <pre> classDiagram class ChangeofTrackMessage { <<This message is issued to show that the train is arriving at another platform to the one that was scheduled>> } class MessageHeader { <<Used for all messages>> } class MessageStatus { <<Assigned by the Sender 1=Creation, 2=Modification, 3=deletion>> } class TrainOperationalIdentification { <<+>> } class OperationalTrainNumberIdentifier { <<+>> } class ReferenceOTN { <<+>> } class LocationPlannedTrack { <<+>> } class LocationActualTrack { <<+>> } class BookedLocationDateTime { <<Scheduled Date and Time of a train at a specified location as defined in the path contract>> } class TrainLocationStatus { <<Identifies the status of a train related to the actual time at a reporting point>> } class InterruptionReason { <<This element identifies the reason for an interruption of the train running>> } class InterruptionDescription { <<The free text description of an interruption>> 0..∞ } class TransferPoint { <<Transfer point or station of destination in the considered network where the Reference Train Numbers refers to>> } class TransfereeIM { <<Next IM>> } ChangeofTrackMessage "1" -- "0..1" MessageHeader : MessageHeader ChangeofTrackMessage "1" -- "0..1" MessageStatus : MessageStatus ChangeofTrackMessage "*" -- "1..1" TrainOperationalIdentification : TrainOperationalIdentification ChangeofTrackMessage "*" -- "1..1" OperationalTrainNumberIdentifier : OperationalTrainNumberIdentifier ChangeofTrackMessage "*" -- "1..1" ReferenceOTN : ReferenceOTN ChangeofTrackMessage "*" -- "1..1" LocationPlannedTrack : LocationPlannedTrack ChangeofTrackMessage "*" -- "1..1" LocationActualTrack : LocationActualTrack ChangeofTrackMessage "*" -- "1..1" BookedLocationDateTime : BookedLocationDateTime ChangeofTrackMessage "*" -- "1..1" TrainLocationStatus : TrainLocationStatus ChangeofTrackMessage "*" -- "1..1" InterruptionReason : InterruptionReason ChangeofTrackMessage "*" -- "0..∞" InterruptionDescription : InterruptionDescription ChangeofTrackMessage "*" -- "1..1" TransferPoint : TransferPoint ChangeofTrackMessage "*" -- "1..1" TransfereeIM : TransfereeIM </pre> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime TrainLocationStatus InterruptionReason InterruptionDescription TransferPoint TransfereeIM |
| annotation | <p>documentation</p> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p> |

| | |
|--------|---|
| source | <pre> <xs:element name="ChangeofTrackMessage"> <xs:annotation> <xs:documentation> This message is issued to show that the train is arriving at another platform to the one that was scheduled</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="LocationPlannedTrack" minOccurs="0"/> <xs:element ref="LocationActualTrack"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--------|---|

element **CityTown**

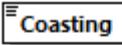
| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| diagram |  <p>Name of the City or Town in Clear Text</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |

| | |
|------------|--|
| annotation | documentation Name of the City or Town in Clear Text |
| source | <pre><xs:element name="CityTown"> <xs:annotation> <xs:documentation>Name of the City or Town in Clear Text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element ClosingTime

| | |
|------------|---|
| diagram |  <p>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element VesselIndication |
| annotation | documentation The closing Date and Time of the port for the delivery of the shipment by rail to a vessel. |
| source | <pre><xs:element name="ClosingTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</xs:documentation> </xs:annotation> </xs:element></pre> |

element Coasting

| | |
|------------|--|
| diagram |  <p>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |

| | |
|------------|---|
| used by | element PlannedTrainTechnicalData |
| annotation | <p>documentation</p> <p>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</p> |
| source | <pre><xs:element name="Coasting" type="xs:boolean"> <xs:annotation> <xs:documentation>IM indicates to the RU whether the driver can rely on coasting. This is of both economic and ecological interest, as in many parts of the journey the trains may have enough inertia to be able to match the calculated time of the next location relying on coasting only.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **Comments**

| diagram |  | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements LocationPrimaryInformation LocationSubsidiaryInformation | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| source | <pre><xs:element name="Comments" type="FreeText"/></pre> | | | | | | | | | |

element **CommitmentETA**

| | |
|------------|--|
| diagram |  |
| | <p>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element AlertMessage |
| annotation | <p>documentation</p> <p>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.</p> |
| source | <pre><xs:element name="CommitmentETA" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final</pre> |

| | |
|--|---|
| | destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element> |
|--|---|

element **Company**

| | |
|------------|--|
| diagram |  Company Identifies a railway company (RU or IM) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |
| properties | content simple |
| used by | complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation Identifies a railway company (RU or IM) |
| source | <xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element> |

element **ConsignmentNumber**

| | |
|------------|---|
| diagram |  ConsignmentNumber Reference number assigned to a consignment by a lead RU |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | ConsignmentIdent |
| properties | content complex |
| used by | element WIMO Dataset/ConsignmentLevelData |
| annotation | documentation Reference number assigned to a consignment by a lead RU |
| source | <xs:element name="ConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element> |

element **ConsignmentOrderMessage**

| | |
|------------|--|
| diagram | <p>Consignment Order Message from Lead RU to RU</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader COMS |
| annotation | <p>documentation</p> <p>Consignment Order Message from Lead RU to RU</p> |
| source | <pre> <xs:element name="ConsignmentOrderMessage"> <xs:annotation> <xs:documentation>Consignment Order Message from Lead RU to RU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> </pre> |

```

<xs:documentation>Message Reference NumberThis
identification is being generated during creation of the message.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xsmaxLength value="18">
      <xs:annotation>
        <xs:documentation>Use here a counter, any
system.</xs:documentation>
      </xs:annotation>
    </xsmaxLength>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ShipmentType">
  <xs:annotation>
    <xs:documentation>Classification of the wagon order as
'CUV', 'CIM' or "SMGS".</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="CIM">
        <xs:annotation>
          <xs:documentation>Regular transport, according
in basic to the CIM consignment note.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CUV">
        <xs:annotation>
          <xs:documentation>Transport of empty wagons. If
loaded and empty wagons are withing the same shipment, then the ShipmentType
has to be set to CIM. For the empty wagons the loading status has to be set
in the WagonDetails.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="SMGS"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
  <xs:annotation>
    <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:dateTime"/>
  </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Internal identification number of
the Wo. This information is important to be able to identify the COM even
after modifications. Format: RRRYYYYYMMDDNNNNNN Where RRRR = railway code,
YYYY = year, MM = month, DD = day and NNNNNNN = running
number.</xs:documentation>
  </xs:annotation>
</xs:element>

```

```

        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="19"/>
                <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-
            3]\d{8}"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="VersionNumber">
        <xs:annotation>
            <xs:documentation>Message version number. This number
            has to be incremented after each modification. On creation this value has
            to be set to 0.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="100"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="PrintForm" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Which form to use for printout. CIM-
            CN or CIM-CN for combined traffic. This information assures, that the same
            paper document will be used for the 'duplicate of the consignment note' and
            the final print out of the ECN for the consignee.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:token">
                <xs:enumeration value="WLT">
                    <xs:annotation>
                        <xs:documentation>Wagon load transport form to
                        be used for print-out.</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
                <xs:enumeration value="CT">
                    <xs:annotation>
                        <xs:documentation>Combined traffic form to be
                        used for print-out.</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Intermodal" minOccurs="0">
        <xs:simpleType>
            <xs:restriction base="xs:byte">
                <xs:pattern value="0|1"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ChangeLog" minOccurs="0"
maxOccurs="100">
        <xs:annotation>
            <xs:documentation>Log of changes made by the LeadRU /
            contractual carrier during the transport.</xs:documentation>

```

```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DateTime">
      <xs:annotation>
        <xs:documentation>DateTime, when the changes were applied.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="NumberOfModifiedVersion">
      <xs:annotation>
        <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:element>
    <xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="COM">
      <xs:annotation>
        <xs:documentation>Consignment order message</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="AcceptancePoint">
            <xs:annotation>
              <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:sequence>
                <xs:element ref="Station"/>
                <xs:element ref="RP_Code" minOccurs="0"/>
                <xs:element ref="ProductionStation" minOccurs="0"/>
                <xs:element name="AcceptanceDate" minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation>
                  </xs:annotation>
                  <xs:simpleType>
                    <xs:restriction base="xs:dateTime"/>
                  </xs:simpleType>
                </xs:element>
                <xs:element name="ConsignmentNumber">
                  <xs:annotation>
                    <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number</xs:documentation>
                  </xs:annotation>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

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consists of NNNNN = running number C = check digit, </xs:documentation>
    </xs:annotation>
    <xssimpleType>
        <xs:restriction base="xs:string">
            <xs:length value="6"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
    </xssimpleType>
</xs:element>
<xs:element name="ForwardingTrainNumber"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Train number at shipping
    </xs:documentation>
    </xs:annotation>
    <xssimpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
        </xs:restriction>
    </xssimpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
    <xs:annotation>
        <xs:documentation>Code of the shipping carrier
mentioned in the consignment number.</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
    <xs:annotation>
        <xs:documentation>Description of location and time for
the hand over of the consignment</xs:documentation>
    </xs:annotation>
    <xssimpleType>
        <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
        </xs:sequence>
    </xssimpleType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
    <xs:annotation>
        <xs:documentation>Information about the consignor,
consignee and freight payers. At least information about consignor and
consignee has to be given</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Consignors declarartions, this
element contains either declarations of the original consignor or
declarations of the LeadRU as consignor</xs:documentation>
    </xs:annotation>

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```
<xs:complexType>
  <xs:sequence>
    <xs:element ref="ConsignorDeclarationCode"/>
    <xs:element ref="DeclarationText" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="GeneralInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>General information about the
complete consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorReference" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor's reference
concerning the complete consignment</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="InformationConsignee"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Information from the consignor
to the consignee relating to the consignment. This information is not to
commit the carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="WagonGroupInfo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor information
regarding the whole consignment. Comparable with the element WagonInfo, but
for all wagons.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="500"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">
```

```

<xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
</xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="DocumentType">
            <xs:annotation>
                <xs:documentation>Type code of attached
document. The UN/DIFACT 1001 list of codes is to be used to code
accompanying documents.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:int">
                    <xs:minInclusive value="1"/>
                    <xs:maxInclusive value="999"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="DocumentInformation"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Additional information
regarding the attached document may be entered here.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="35"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element ref="Quantity" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Amount of the documents of the
specified type.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="DocumentTypeDescription"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Description of document type,
when it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="35"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="Filename" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Filename of embedded pdf in
legacy system</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">

```

```
        <xs:maxLength value="35"/>
        <xs:minLength value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Commercial
Specification</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CommercialSpecificationCode"/>
            <xs:element name="SpecificationText" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Additional Text for codes with
free text</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="350"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
                <xs:annotation>
                    <xs:documentation>additional carrier code
belonging to the given contract number</xs:documentation>
                </xs:annotation>
                <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
                    <xs:annotation>
                        <xs:documentation>additional contract number
according to the given carrier code.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1">
                                <xs:annotation>
                                    <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
                                </xs:annotation>
                            </xs:minLength>
                            <xs:maxLength value="6"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
```

```

<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
      <xs:element ref="PrepaidcodeCarrier"/>
      <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual
carrier so only one structure is needed for field 20 and 49. The carrier is
only allowed to apply changes, when ordered by the
consignor.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent"/>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
          <xs:documentation>Additional
Charges</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Code">
              <xs:annotation>
                <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2"/>
                  <xs:pattern value="\d*[1-9]\d*"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Additional charges
description</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="35"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
  <xs:annotation>
    <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="ContractNumber">
        <xs:annotation>
          <xs:documentation>Number of customer
agreement.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Number of the
tariff.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1">
              <xs:annotation>
                <xs:documentation>has to be sent as n6
(with leading zeros if necessary, but without check
digit)</xs:documentation>
              </xs:annotation>
            </xs:minLength>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
```

```
</xs:element>
<xs:element name="SectionalInvoicing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Sectional
Invoicing</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Section" maxOccurs="30">
                <xs:annotation>
                    <xs:documentation>Sectional
Invoicing</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
                            <xs:annotation>
                                <xs:documentation>Sectional invoicing
by</xs:documentation>
                            </xs:annotation>
                            </xs:element>
                            <xs:element name="InvoicedSection">
                                <xs:annotation>
                                    <xs:documentation>Information about the
section to be invoiced.</xs:documentation>
                                </xs:annotation>
                                <xs:complexType>
                                    <xs:choice>
                                        <xs:element name="CountryCode"
type="CountryIdentISO">
                                            <xs:annotation>
                                                <xs:documentation>Invoiced section
specified by country</xs:documentation>
                                            </xs:annotation>
                                            </xs:element>
                                            <xs:element name="SectionCarrierCode"
type="CompanyCode">
                                                <xs:annotation>
                                                    <xs:documentation>Invoiced section
specified by carrier</xs:documentation>
                                                </xs:annotation>
                                                </xs:element>
                                                </xs:choice>
                                                </xs:complexType>
                                                </xs:element>
                                                </xs:sequence>
                                                </xs:complexType>
                                            </xs:element>
                                            <xs:element name="DeclarationOfValue" minOccurs="0">
                                                <xs:annotation>
                                                    <xs:documentation>Details of the value of the goods
and the currency code when the value exceeds the limit given in CIM Article
30 section 2.</xs:documentation>
                                                </xs:annotation>
                                            </xs:element>
                                        </xs:choice>
                                    </xs:complexType>
                                </xs:element>
                            </xs:sequence>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
<xs:complexType>
  <xs:sequence>
    <xs:element name="Amount" type="Money_Type">
      <xs:annotation>
        <xs:documentation>Amount</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="CurrencyCode" type="CurrencyCode_Type">
      <xs:annotation>
        <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="InterestInDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount and currency code of a special interest in delivery.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CashOnDelivery" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Details of the amount to be collected on delivery and the currency code.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
```

```
        </xs:sequence>
        </xs:complexType>
    </xs:element>
<xs:element name="RouteSection" minOccurs="0"
maxOccurs="30">
    <xs:annotation>
        <xs:documentation>Route sequence Sequential
information about the complete routing of the consignment, the LeadRu
decides whether to provide this information or not</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SequenceID" type="xs:int">
                <xs:annotation>
                    <xs:documentation>Position of the route section
in transport chain. Used to determine the exact way of the transport for
customs purposes.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:sequence>
                <xs:element name="RouteCode">
                    <xs:annotation>
                        <xs:documentation>Route code (International
RouteCode)</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:length value="5"/>
                            <xs:pattern value="\d*[1-9]\d*0"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="RouteText" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Description of the specific
route section</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:minLength value="1"/>
                            <xs:maxLength value="80"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
    <xs:element name="CustomsProcedures" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Customs
procedures</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="RU_Partner" minOccurs="0">
```

```
<xs:annotation>
    <xs:documentation>Code of the RU entrusted of
customs procedures. </xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element ref="Location"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Simplified transport procedure
is used (STP).</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code for the principal
RU</xs:documentation>
                </xs:annotation>
                </xs:element>
            <xs:element name="CustomsSurveillance">
                <xs:annotation>
                    <xs:documentation>Good under customs
surveillance</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:boolean"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CustomsEndorsements"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Reserved for endorsements by
customs or a consignor/consignee authorised by customs. Data element in
accordance with Regulation (EC) 1875/2006.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="350"/>
                    </xs:restriction>
                </xs:simpleType>
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    </xs:complexType>
</xs:element>
```

```

<xs:element name="RU_Declarations" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Carriers
declaration</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
                <xs:annotation>
                    <xs:documentation>Details of the carriers
declaration.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="DeclaringRU"
type="CompanyCode">
                            <xs:annotation>
                                <xs:documentation>Code of carrier, who
added the declaration.</xs:documentation>
                            </xs:annotation>
                            </xs:element>
                            <xs:element ref="RU_DeclarationCode"/>
                            <xs:element ref="DeclarationText"
minOccurs="0"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="DifferentAcceptance"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Details of the changes of the
acceptance point given by the consignor.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="DifferentAcceptancePoint"
type="LocationIdent" minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Variance of acceptance
point given in structure AcceptancePoint.</xs:documentation>
                                </xs:annotation>
                                </xs:element>
                                <xs:element name="DifferentAcceptanceDate"
minOccurs="0">
                                    <xs:annotation>
                                        <xs:documentation>Variance of acceptance
date given structure AcceptancePoint.</xs:documentation>
                                    </xs:annotation>
                                    <xs:simpleType>
                                        <xs:restriction base="xs:dateTime"/>
                                    </xs:simpleType>
                                </xs:element>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
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    </xs:sequence>
</xs:complexType>

```

```
</xs:element>
<xs:element name="Carriers" maxOccurs="30">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CarrierStatus"/>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ResponsibleCarrierCode"
type="CompanyCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking (Railway
Code) of the carrier in charge.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CarrierName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of
Carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Streetnumber of
carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the
carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

```
<xs:simpleType>
  <xs:restriction base="xs:string">
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    <xs:maxLength value="9"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode"
type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionFrom" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>Start of section to be
performed by the carrier. This can be a station OR a border crossing
point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
  <xs:annotation>
    <xs:documentation>End of section to be performed
by the carrier. This can be a station OR a border crossing
point.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of customer agreement
between the responsible and the operating carrier</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:annotation>
        <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
      </xs:annotation>
      <xs:minLength>
        <xs:maxLength value="6"/>
      </xs:minLength>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
```

```
<xs:attribute name="sequenceID" type="xs:int">
    <xs:annotation>
        <xs:documentation>Position of carrier during
transport. </xs:documentation>
    </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
    <xs:annotation>
        <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
    </xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="CarrierCode" type="CompanyCode">
            <xs:annotation>
                <xs:documentation>Contractual carrier, railway
undertaking (Railway Code).</xs:documentation>
            </xs:annotation>
</xs:element>
        <xs:element name="CarrierName" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Name of contractual
carrier</xs:documentation>
            </xs:annotation>
<xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
            </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Streetnumber of
carrier.</xs:documentation>
            </xs:annotation>
<xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="5"/>
            </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Name of street of the
carrier</xs:documentation>
            </xs:annotation>
<xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
            </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
```

```
<xs:annotation>
  <xs:documentation>Postal Code</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="9"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode"
type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO
Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature of the contractual
carrier. When missing, the shipment number (CIM: 62) shall be used for
signature purposes.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Made out</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Place">
        <xs:annotation>
          <xs:documentation>Place on which the consignment
note was made out</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

```
                <xs:minLength value="1"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="Date" type="xs:date">
        <xs:annotation>
            <xs:documentation>Date at which the consignment
note was made out.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="ChargesNote" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Charges note</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="ChargesNoteAvailable"
type="xs:boolean"/>
                <xs:element name="DateOfReturn" type="xs:date"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Date, when the destination
carrier sent the charges note back to the contractual
carrier.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element ref="CodeOfCause"/>
                            <xs:element name="Description" minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Description for CodeOfCause
no. 9.</xs:documentation>
                                </xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:minLength value="1"/>
                                    <xs:maxLength value="180"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:sequence>
                    </xs:complexType>
                    <xs:element name="Place">
                        <xs:annotation>
                            <xs:documentation>Place of the
extension.</xs:documentation>
                        </xs:annotation>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="180"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>

```

```
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Beginning">
      <xs:annotation>
        <xs:documentation>Beginning of the
extension.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Ending">
      <xs:annotation>
        <xs:documentation>End of
extension.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
      </xs:simpleType>
    </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
  <xs:annotation>
    <xs:documentation>Charging section</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Start" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>Start of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="End" type="LocationIdent">
        <xs:annotation>
          <xs:documentation>End of the charging
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CommercialRouteCode"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Route code (RIP) when the
customer agreement or the tariff applied provide for it. </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="3"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CurrencyCode"
type="CurrencyCode_Type">
        <xs:annotation>
```

```

<xs:documentation>Code for the currency of the
amounts entered in the charging section.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
<xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
</xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="NHMCode" type="NHMCodeType">
            <xs:annotation>
                <xs:documentation>NHM code determining the
charges applicable.</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="TariffNumber">
            <xs:annotation>
                <xs:documentation>Customer agreement or
tariff applied</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="6"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="ChargedMass" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Charged mass [weight in
kg]. As appropriate, area in m2 or the volume of the wagon or goods in m3 if
used as the basis for charging.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="value">
                        <xs:simpleType>
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                                <xs:totalDigits value="8"/>
                                <xs:fractionDigits value="1"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="measure">
                        <xs:minOccurs="0">
                            <xs:simpleType>
                                <xs:restriction base="xs:token">
                                    <xs:enumeration value="kg"/>
                                    <xs:enumeration value="m2"/>
                                    <xs:enumeration value="m3"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

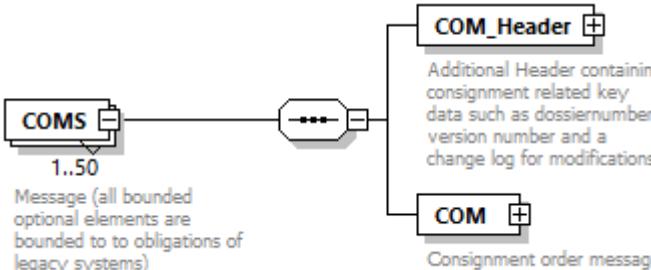
```
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Exchange rate for
amounts to be paid by the consignor or consignee which are not expressed in
the invoicing currency.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:decimal">
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            <xs:fractionDigits value="3"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Tariff distance,
expressed in km or zones, between the stations or points corresponding to
the beginning and end of the charging section.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="KM">
                <xs:annotation>
                    <xs:documentation>Tariff distance,
expressed in km, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
                </xs:annotation>
            <xs:simpleType>
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                    <xs:maxInclusive value="99999"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:choice>
        <xs:element name="Zones">
            <xs:annotation>
                <xs:documentation>Tariff distance,
expressed in zones, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
            </xs:annotation>
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                    <xs:maxInclusive value="99"/>
                </xs:restriction>
            </xs:complexType>
        </xs:element>
        <xs:element name="Fee" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Supplements, fees,
deductions</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:int">
```

```
          <xs:totalDigits value="4"/>
          <xs:minInclusive value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  <xs:element name="FreightCharges"
minOccurs="0">
    <xs:annotation>
      <xs:documentation>Freight Charges (paid
and due)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:choice>
        <xs:element name="Prepaid"
type="Money_Type">
          <xs:annotation>
            <xs:documentation>Carriage charges
to be paid by the consignor in the tariff currency.</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="Transferred"
type="Money_Type">
          <xs:annotation>
            <xs:documentation>Carriage charges
to be paid by the consignee in the tariff currency.</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:choice>
      <xs:complexType>
        <xs:element>
          <xs:sequence>
            <xs:complexType>
              <xs:element>
                <xs:sequence>
                  <xs:complexType>
                    <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
                      <xs:annotation>
                        <xs:documentation/>
                        <xs:documentation>Sum of
                      </xs:annotation>
                      <xs:documentation>Sum of
                    </xs:element>
                    <xs:element name="Prepaid">
                      <xs:annotation>
                        <xs:documentation>Sum of
                      </xs:annotation>
                      <xs:documentation>Sum of
                    </xs:element>
                    <xs:element name="Transferred">
                      <xs:annotation>
                        <xs:complexType>
                          <xs:sequence>
                            <xs:element name="Code">
                              <xs:annotation>
                                <xs:documentation>Additional charges
code</xs:documentation>
                              </xs:annotation>
                            <xs:simpleType>
                              <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="2"/>
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                            </xs:simpleType>
                          </xs:element>
                        </xs:sequence>
                      </xs:complexType>
                      <xs:annotation>
                        <xs:documentation>Additional charges
code</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:choice>
    </xs:element>
  </xs:complexType>

```

| | |
|--|---|
| | <pre> <type="money_type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred"> <xs:annotation> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and ITU etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WagonIdent"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </type="money_type"></pre> |
|--|---|

element **ConsignmentOrderMessage/COMS**

| | |
|------------|---|
| diagram |  <p>Message (all bounded optional elements are bounded to obligations of legacy systems)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 1 maxOcc 50 content complex |
| children | COM_Header COM |
| annotation | <p>documentation</p> <p>Message (all bounded optional elements are bounded to obligations of legacy systems)</p> |
| source | <pre><xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message (all bounded optional elements are bounded to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

```

<xs:maxLength value="18">
    <xs:annotation>
        <xs:documentation>Use here a counter, any
system.</xs:documentation>
    </xs:annotation>
</xs:maxLength>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ShipmentType">
    <xs:annotation>
        <xs:documentation>Classification of the wagon order as
'CUV', 'CIM' or "SMGS".</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="CIM">
                <xs:annotation>
                    <xs:documentation>Regular transport, according in
basic to the CIM consignment note.</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="CUV">
                <xs:annotation>
                    <xs:documentation>Transport of empty wagons. If loaded
and empty wagons are withing the same shipment, then the ShipmentType has to
be set to CIM. For the empty wagons the loading status has to be set in the
WagonDetails.</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="SMGS"/>
        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element ref="ConsignmentOrderType"/>
    <xs:element name="COM_PreparationDatetime">
        <xs:annotation>
            <xs:documentation>Date and Time of preparation of the
COM</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
    </xs:element>
    <xs:element name="DossierNumber" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Internal identification number of the Wo.
This information is important to be able to identify the COM even after
modifications. Format: RRRYYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY =
year, MM = month, DD = day and NNNNNNNN = running number.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:length value="19"/>
                <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>

```

```
<xs:element name="VersionNumber">
  <xs:annotation>
    <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="0"/>
      <xs:maxInclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to be used for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be used for print-out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

```
</xs:simpleType>
</xs:element>
<xs:element name="NumberOfModifiedVersion">
    <xs:annotation>
        <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int"/>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="COM">
    <xs:annotation>
        <xs:documentation>Consignment order message</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="AcceptancePoint">
                <xs:annotation>
                    <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element ref="Station"/>
                        <xs:element ref="RP_Code" minOccurs="0"/>
                        <xs:element ref="ProductionStation" minOccurs="0"/>
                        <xs:element name="AcceptanceDate" minOccurs="0">
                            <xs:annotation>
                                <xs:documentation>Date and time (month, day and hour) at which the goods were accepted.</xs:documentation>
                            </xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:dateTime"/>
                            </xs:simpleType>
                        </xs:element>
                        <xs:element name="ConsignmentNumber">
                            <xs:annotation>
                                <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation>
                            </xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:string">
                                    <xs:length value="6"/>
                                    <xs:pattern value="\d*[1-9]\d*"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                        <xs:element name="ForwardingTrainNumber" minOccurs="0">
                            <xs:annotation>
```

```
        <xs:documentation>Train number at shipping
</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="6"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
            <xs:documentation>Code of the shipping carrier
mentioned in the consignment number.</xs:documentation>
        </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DeliveryPoint">
    <xs:annotation>
        <xs:documentation>Description of location and time for the
hand over of the consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="Customers" minOccurs="2" maxOccurs="4">
    <xs:annotation>
        <xs:documentation>Information about the consignor, consignee
and freight payers. At least information about consignor and consignee has
to be given</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="ConsignorDeclarations" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
            <xs:documentation>Consignors declarartions, this element
contains either declarations of the original consignor or declarations of
the LeadRU as consignor</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="ConsignorDeclarationCode"/>
                <xs:element ref="DeclarationText" minOccurs="0"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="GeneralInformation" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
        </xs:annotation>
```

```
<xs:complexType>
  <xs:sequence>
    <xs:element name="ConsignorReference" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="InformationConsignee" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="350"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="WagonGroupInfo" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="500"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>Paper documents accompanying the transport</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="DocumentType">
            <xs:annotation>
              <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
```

```
<xs:restriction base="xs:int">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="999"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="DocumentInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Quantity" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Amount of the documents of the specified type.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DocumentTypeDescription" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Filename" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Commercial Specification</xs:documentation>
    </xs:annotation>
```

```

<xs:complexType>
  <xs:sequence>
    <xs:element ref="CommercialSpecificationCode"/>
    <xs:element name="SpecificationText" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="350"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CarrierCode" type="CompanyCode"
minOccurs="0" maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional carrier code belonging to
the given contract number</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ContractNumber" minOccurs="0"
maxOccurs="10">
      <xs:annotation>
        <xs:documentation>additional contract number according
to the given carrier code.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:annotation>
            <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
          </xs:annotation>
        </xs:minLength>
        <xs:maxLength value="6"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PrepaymentInstructions">
    <xs:annotation>
      <xs:documentation>Prepayment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="PrepaymentCustomer" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
          </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```
</xs:choice>
</xs:complexType>
</xs:element>
<xs:element ref="PrepaidcodeCarrier"/>
<xs:element name="PaidUpTo" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual
carrier so only one structure is needed for field 20 and 49. The carrier is
only allowed to apply changes, when ordered by the
consignor.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:complexContent>
            <xs:extension base="LocationIdent"/>
        </xs:complexContent>
    </xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Additional
Charges</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Code">
                <xs:annotation>
                    <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="2"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Additional charges
description</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Tariff">
    <xs:annotation>
```

```

        <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:choice>
            <xs:element name="ContractNumber">
                <xs:annotation>
                    <xs:documentation>Number of customer
agreement.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1">
                            <xs:annotation>
                                <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
                            </xs:annotation>
                        </xs:minLength>
                        <xs:maxLength value="6"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="TariffNumber">
                <xs:annotation>
                    <xs:documentation>Number of the
tariff.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1">
                            <xs:annotation>
                                <xs:documentation>has to be sent as n6 (with
leading zeros if necessary, but without check digit)</xs:documentation>
                            </xs:annotation>
                        </xs:minLength>
                        <xs:maxLength value="6"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:choice>
        <xs:complexType>
    </xs:element>
    <xs:element name="SectionalInvoicing" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Sectional Invoicing</xs:documentation>
        </xs:annotation>
        <xs:complexType>
        <xs:sequence>
            <xs:element name="Section" maxOccurs="30">
                <xs:annotation>
                    <xs:documentation>Sectional
Invoicing</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                <xs:sequence>
                    <xs:element name="InvoicingCarrierCode"
type="CompanyCode">

```

```

<xs:annotation>
    <xs:documentation>Sectional invoicing
by</xs:documentation>
    </xs:annotation>
    </xs:element>
<xs:element name="InvoicedSection">
    <xs:annotation>
        <xs:documentation>Information about the section
to be invoiced.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="CountryCode"
type="CountryIdentISO">
                <xs:annotation>
                    <xs:documentation>Invoiced section
specified by country</xs:documentation>
                </xs:annotation>
                </xs:element>
                <xs:element name="SectionCarrierCode"
type="CompanyCode">
                    <xs:annotation>
                        <xs:documentation>Invoiced section
specified by carrier</xs:documentation>
                    </xs:annotation>
                    </xs:element>
                    </xs:choice>
                    </xs:complexType>
                    </xs:element>
                </xs:sequence>
                </xs:complexType>
            </xs:element>
        <xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="DeclarationOfValue" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Details of the value of the goods and the
currency code when the value exceeds the limit given in CIM Article 30
section 2.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Amount" type="Money_Type">
                        <xs:annotation>
                            <xs:documentation>Amount</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                        <xs:annotation>
                            <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="InterestInDelivery" minOccurs="0">

```

```

<xs:annotation>
    <xs:documentation>Details of the amount and currency code of
a special interest in delivery.</xs:documentation>
</xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="Amount" type="Money_Type">
            <xs:annotation>
                <xs:documentation>Amount</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="CurrencyCode" type="CurrencyCode_Type">
            <xs:annotation>
                <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
            </xs:annotation>
        </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CashOnDelivery" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Details of the amount to be collected on
delivery and the currency code.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Amount" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Amount</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                <xs:annotation>
                    <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
                </xs:annotation>
            </xs:element>
            </xs:sequence>
        </xs:complexType>
</xs:element>
<xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
    <xs:annotation>
        <xs:documentation>Route sequence Sequential information
about the complete routing of the consignment, the LeadRu decides whether to
provide this information or not</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SequenceID" type="xs:int">
                <xs:annotation>
                    <xs:documentation>Position of the route section in
transport chain. Used to determine the exact way of the transport for
customs purposes.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:sequence>
                <xs:element name="RouteCode">

```

```
<xs:annotation>
    <xs:documentation>Route code (International
RouteCode)</xs:documentation>
</xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:length value="5"/>
        <xs:pattern value="\d*[1-9]\d*0"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="RouteText" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Description of the specific route
section</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="80"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SpecialTreatments" minOccurs="0"
maxOccurs="30"/>
<xs:element name="CustomsProcedures" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs procedures</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="RU_Partner" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="Location"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CustomsData" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Customs Data</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure"
minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Simplified transport procedure is
used (STP).</xs:documentation>
                </xs:annotation>
            <xs:simpleType>
```

```
        <xs:restriction base="xs:boolean"/>
    </xs:simpleType>
</xs:element>
<xs:element name="PrincipalRU" type="CompanyCode"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code for the principal
RU</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CustomsSurveillance">
    <xs:annotation>
        <xs:documentation>Good under customs
surveillance</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:boolean"/>
</xs:simpleType>
</xs:element>
<xs:element name="CustomsEndorsements" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Reserved for endorsements by customs
or a consignor/consignee authorised by customs. Data element in accordance
with Regulation (EC) 1875/2006.</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="350"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RU_Declarations" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Carriers declaration</xs:documentation>
    </xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
            <xs:annotation>
                <xs:documentation>Details of the carriers
declaration.</xs:documentation>
            </xs:annotation>
<xs:complexType>
            <xs:sequence>
                <xs:element name="DeclaringRU" type="CompanyCode">
                    <xs:annotation>
                        <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element ref="RU_DeclarationCode"/>
                <xs:element ref="DeclarationText" minOccurs="0"/>
            </xs:sequence>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
```

```
</xs:complexType>
</xs:element>
<xs:element name="DifferentAcceptance" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation>
                </xs:annotation>
                </xs:element>
                <xs:element name="DifferentAcceptanceDate" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:dateTime"/>
                    </xs:simpleType>
                </xs:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="Carriers" maxOccurs="30">
            <xs:complexType>
                <xs:sequence>
                    <xs:element ref="CarrierStatus"/>
                    <xs:element name="CarrierCode" type="CompanyCode">
                        <xs:annotation>
                            <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation>
                        </xs:annotation>
                        </xs:element>
                        <xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0">
                            <xs:annotation>
                                <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation>
                            </xs:annotation>
                            </xs:element>
                            <xs:element name="CarrierName" minOccurs="0">
                                <xs:annotation>
                                    <xs:documentation>Name of Carrier</xs:documentation>
                                </xs:annotation>
                                <xs:simpleType>
                                    <xs:restriction base="xs:string">
                                        <xs:minLength value="1"/>
                                        <xs:maxLength value="35"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:element>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Streetnumber of
carrier.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Country Code (ISO
Code)</xs:documentation>
    </xs:annotation>
    <xs:element name="SectionFrom" type="LocationIdent">
        <xs:annotation>
            <xs:documentation>Start of section to be performed by
```

the carrier. This can be a station OR a border crossing point.</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="SectionTo" type="LocationIdent">

<xs:annotation>

<xs:documentation>End of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="SubContractNumber_SplitContract" minOccurs="0">

<xs:annotation>

<xs:documentation>Number of customer agreement between the responsible and the operating carrier</xs:documentation>

</xs:annotation>

<xs:simpleType>

<xs:restriction base="xs:string">

<xs:minLength value="1">

<xs:annotation>

<xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation>

</xs:annotation>

</xs:minLength>

<xs:maxLength value="6"/>

</xs:restriction>

</xs:simpleType>

</xs:element>

</xs:sequence>

<xs:attribute name="sequenceID" type="xs:int">

<xs:annotation>

<xs:documentation>Position of carrier during transport.</xs:documentation>

</xs:annotation>

</xs:attribute>

</xs:complexType>

</xs:element>

<xs:element name="LeadCarrier">

<xs:annotation>

<xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation>

</xs:annotation>

<xs:complexType>

<xs:sequence>

<xs:element name="CarrierCode" type="CompanyCode">

<xs:annotation>

<xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation>

</xs:annotation>

</xs:element>

<xs:element name="CarrierName" minOccurs="0">

<xs:annotation>

<xs:documentation>Name of contractual carrier</xs:documentation>

</xs:annotation>

<xs:simpleType>

<xs:restriction base="xs:string">

```
        <xs:minLength value="1"/>
        <xsmaxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Streetnumber of
carrier.</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xsmaxLength value="5"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of street of the
carrier</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xsmaxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xsmaxLength value="9"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xsmaxLength value="35"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Country Code (ISO
Code)</xs:documentation>
    </xs:annotation>
</xs:element>
```

```
<xs:element name="Signature" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Made out</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Place">
                <xs:annotation>
                    <xs:documentation>Place on which the consignment note was made out</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="35"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Date" type="xs:date">
                <xs:annotation>
                    <xs:documentation>Date at which the consignment note was made out.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ChargesNote" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Charges note</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ChargesNoteAvailable" type="xs:boolean"/>
            <xs:element name="DateOfReturn" type="xs:date" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="TransitPeriodExtensions" minOccurs="0"
maxOccurs="30">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CodeOfCause"/>
            <xs:element name="Description" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Description for CodeOfCause no.
9.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="180"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Place">
                <xs:annotation>
                    <xs:documentation>Place of the
extension.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="180"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Beginning">
                <xs:annotation>
                    <xs:documentation>Beginning of the
extension.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:dateTime"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Ending">
                <xs:annotation>
                    <xs:documentation>End of extension.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:dateTime"/>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
    <xs:annotation>
        <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
```

```
<xs:element name="Start" type="LocationIdent">
    <xs:annotation>
        <xs:documentation>Start of the charging
section</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="End" type="LocationIdent">
    <xs:annotation>
        <xs:documentation>End of the charging
section</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CommercialRouteCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="3"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode" type="CurrencyCode_Type">
    <xs:annotation>
        <xs:documentation>Code for the currency of the amounts
entered in the charging section.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="NHCCode" type="NHCCodeType">
                <xs:annotation>
                    <xs:documentation>NHC code determining the
charges applicable.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="TariffNumber">
                <xs:annotation>
                    <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="6"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ChargedMass" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Charged mass [weight in kg].</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

| | |
|--|--|
| | <p>As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation></p> <pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ExchangeRate" minOccurs="0"> <xs:annotation> <xs:documentation>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element> </pre> |
|--|--|

```
</xs:simpleType>
</xs:element>
<xs:element name="Zones">
    <xs:annotation>
        <xs:documentation>Tariff distance,  
expressed in zones, between the stations or points corresponding to the  
beginning and end of the charging section.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
        </xs:restriction>
    </xs:simpleType>
    </xs:element>
    </xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Supplements, fees,  
deductions</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:totalDigits value="4"/>
            <xs:minInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
    </xs:element>
<xs:element name="FreightCharges" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges (paid and  
due)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="Prepaid" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be  
paid by the consignor in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Transferred"  
type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be  
paid by the consignee in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
    </xs:complexType>
    </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0"  
maxOccurs="10">
```

```

<xs:annotation>
  <xs:documentation>
    <xs:documentation>Sum of Prepaid</xs:documentation>
    <xs:documentation>Sum of
Transferred</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Additional charges
code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:choice>
        <xs:element name="Prepaid" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Prepaid</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="Transferred" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Transferred</xs:documentation>
              </xs:annotation>
            </xs:element>
            </xs:choice>
            </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
            <xs:annotation>
              <xs:documentation>Contains list of transported Goods, Wagons
and ITU etc.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
            <xs:annotation>
              <xs:documentation>Identifies the previous freight wagon if a
shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="WagonIdent">
                <xs:length value="12"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:choice>
      </xs:sequence>
    </xs:complexType>
  </xs:annotation>

```

| | |
|--|---|
| | <pre><xs:element ref="AgreedTimeOfDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM_Header**

| | |
|-----------|---|
| diagram | <pre> classDiagram class COM_Header { <<Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications>> } class SendingRU class ReceivingRU class MessageReferenceNumber class ShipmentType class ConsignmentOrderType class COM_PreparationDatetime class DossierNumber class VersionNumber class PrintForm class Intermodal class ChangeLog COM_Header "3..4" --> "1..1" MessageReferenceNumber COM_Header "3..4" --> "1..1" ShipmentType COM_Header "3..4" --> "1..1" ConsignmentOrderType COM_Header "3..4" --> "1..1" COM_PreparationDatetime COM_Header "3..4" --> "1..1" DossierNumber COM_Header "3..4" --> "1..1" VersionNumber COM_Header "3..4" --> "1..1" PrintForm COM_Header "3..4" --> "1..1" Intermodal COM_Header "3..4" --> "1..1" ChangeLog </pre> <p>COM_Header (Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications)</p> <ul style="list-style-type: none"> SendingRU: Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185). ReceivingRU: Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185). MessageReferenceNumber: Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message. ShipmentType: Classification of the wagon order as 'CUV', 'CIM' or "SMGS". ConsignmentOrderType: Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members. COM_PreparationDatetime: Date and Time of preparation of the COM DossierNumber: Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number. VersionNumber: Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0. PrintForm: Which form to use for printout, CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee. Intermodal ChangeLog: Log of changes made by the LeadRU / contractual carrier during the transport. 0..100 |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | SendingRU ReceivingRU MessageReferenceNumber ShipmentType ConsignmentOrderType COM PreparationDatetime DossierNumber VersionNumber PrintForm Intermodal ChangeLog |
| annotation | documentation Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications |
| source | <pre> <xs:element name="COM_Header"> <xs:annotation> <xs:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV', 'CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

the CIM consignment note.</xs:documentation>

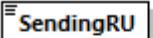
```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="CUV">
    <xs:annotation>
        <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation>
    </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="SMGS"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="ConsignmentOrderType"/>
<xs:element name="COM_PreparationDatetime">
    <xs:annotation>
        <xs:documentation>Date and Time of preparation of the COM</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
<xs:element name="DossierNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYYMMDDNNNNNNN Where RRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="19"/>
            <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="VersionNumber">
    <xs:annotation>
        <xs:documentation>Message version number. This number hast to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="100"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PrintForm" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</xs:documentation>

```

```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="WLT">
      <xs:annotation>
        <xs:documentation>Wagon load transport form to be used for
print-out.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="CT">
      <xs:annotation>
        <xs:documentation>Combined traffic form to be used for
print-out.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual
carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfModifiedVersion">
        <xs:annotation>
          <xs:documentation>Version number of the modified message (as
also written into COMHeader/COMVersionNumber).</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **ConsignmentOrderMessage/COMS/COM_Header/SendingRU**

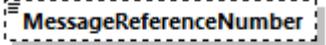
| diagram |  SendingRU Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185). | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="SendingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU**

| diagram |  ReceivingRU Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185). | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="ReceivingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **ConsignmentOrderMessage/COMS/COM_Header/MessageReferenceNumber**

| diagram |  <p>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</p> | | | | | | | | | |
|------------|---|--|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>18</td> <td>documentation Use here a counter, any system.</td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 18 | documentation Use here a counter, any system. |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 18 | documentation Use here a counter, any system. | | | | | | | | |
| annotation | <p>documentation</p> <p>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</p> | | | | | | | | | |
| source | <pre><xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM_Header/ShipmentType**

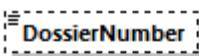
| diagram |  <p>Classification of the wagon order as 'CUV', 'CIM' or "SMGS".</p> | | | | | | |
|-------------|--|---------------|-------|------------|-------------|-----|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:token | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIM</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | CIM | documentation |
| Kind | Value | Annotation | | | | | |
| enumeration | CIM | documentation | | | | | |

| | | |
|------------|--|--|
| | enumeration CUV | Regular transport, according in basic to the CIM consignment note documentation Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails. |
| annotation | documentation | Classification of the wagon order as 'CUV','CIM' or "SMGS". |
| source | <pre><xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV', 'CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and empty wagons are withing the same shipment, then the ShipmentType has to be set to CIM. For the empty wagons the loading status has to be set in the WagonDetails.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SMGS"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | |

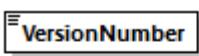
element **ConsignmentOrderMessage/COMS/COM_Header/COM_PreparationDatetime**

| | |
|------------|--|
| diagram |  Date and Time of preparation of the COM |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:dateTime |
| properties | content simple |
| annotation | documentation Date and Time of preparation of the COM |
| source | <pre><xs:element name="COM_PreparationDatetime"> <xs:annotation> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM_Header/DossierNumber**

| diagram |  <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYYMMDDNNNNNN N Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.</p> | | | | | | | | | |
|------------|---|------------|-------|------------|--------|----|--|---------|----------------------------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>19</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d{4}20\d{2}[0-1][0-9][0-3]\d{8}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | length | 19 | | pattern | \d{4}20\d{2}[0-1][0-9][0-3]\d{8} | |
| Kind | Value | Annotation | | | | | | | | |
| length | 19 | | | | | | | | | |
| pattern | \d{4}20\d{2}[0-1][0-9][0-3]\d{8} | | | | | | | | | |
| annotation | <p>documentation</p> <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.</p> | | | | | | | | | |
| source | <pre><xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM_Header/VersionNumber**

| | |
|------------|--|
| diagram |  <p>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | content simple |

| | |
|------------|--|
| facets | Kind Value Annotation minInclusive 0 maxInclusive 100 |
| annotation | documentation Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0. |
| source | <pre><xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM_Header/PrintForm**

| | |
|------------|---|
| diagram |  <p>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation enumeration WLT documentation Wagon load transport form to be used for print-out. enumeration CT documentation Combined traffic form to be used for print-out. |
| annotation | documentation Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee. |
| source | <pre><xs:element name="PrintForm" minOccurs="0"> <xs:annotation> <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="WLT"></pre> |

| | |
|--|---|
| | <pre> <xs:annotation> <xs:documentation>Wagon load transport form to be used for print- out.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CT"> <xs:annotation> <xs:documentation>Combined traffic form to be used for print- out.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM_Header/Intermodal**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:byte |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation pattern 0 1 |
| source | <pre> <xs:element name="Intermodal" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:byte"> <xs:pattern value="0 1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog**

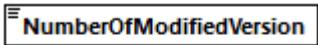
| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 100 content complex |
| children | DateTime NumberOfModifiedVersion |
| annotation | documentation Log of changes made by the LeadRU / contractual carrier during the transport. |

| | |
|--------|---|
| source | <pre> <xs:element name="ChangeLog" minOccurs="0" maxOccurs="100"> <xs:annotation> <xs:documentation>Log of changes made by the LeadRU / contractual carrier during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--------|---|

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/DateTime**

| | |
|------------|--|
| diagram |  <p>DateTime, when the changes were applied.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:dateTime |
| properties | content simple |
| annotation | documentation DateTime, when the changes were applied. |
| source | <pre> <xs:element name="DateTime"> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM_Header/ChangeLog/NumberOfModifiedVersion**

| | |
|------------|---|
| diagram |  |
| | Version number of the modified message (as also written into COMHeader/COMVersionNumber). |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | content simple |
| annotation | documentation Version number of the modified message (as also written into COMHeader/COMVersionNumber). |
| source | <pre><xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM**

| | |
|-----------|--|
| diagram | <pre> graph LR COM[COM] --- AcceptancePoint[AcceptancePoint] AcceptancePoint --- DeliveryPoint[DeliveryPoint] DeliveryPoint --- Customers[Customers] Customers --- ConsignorDeclarations[ConsignorDeclarations] ConsignorDeclarations --- GeneralInformation[GeneralInformation] GeneralInformation --- AttachedDocuments[AttachedDocuments] AttachedDocuments --- CommercialSpecifications[CommercialSpecifications] CommercialSpecifications --- PrepaymentInstructions[Prepayment Instructions] PrepaymentInstructions --- Tariff[Tariff] Tariff --- SectionalInvoicing[Sectional Invoicing] SectionalInvoicing --- DeclarationOfValue[Declaration Of Value] DeclarationOfValue --- InterestInDelivery[Interest In Delivery] InterestInDelivery --- CashOnDelivery[Cash On Delivery] CashOnDelivery --- RouteSection[Route Section] RouteSection --- SpecialTreatments[Special Treatments] SpecialTreatments --- CustomsProcedures[Customs Procedures] CustomsProcedures --- CustomsData[Customs Data] CustomsData --- RU_Declarations[RU Declarations] RU_Declarations --- Carriers[Carriers] Carriers --- LeadCarrier[Lead Carrier] LeadCarrier --- MadeOut[Made Out] MadeOut --- ChargesNote[Charges Note] ChargesNote --- TransitPeriodExtensions[Transit Period Extensions] TransitPeriodExtensions --- ChargingSections[Charging Sections] ChargingSections --- Wagons[Wagons] Wagons --- WagonPreviousNumberFreight[Wagon Previous Number Freight] WagonPreviousNumberFreight --- AgreedTimeOfDelivery[Agreed Time Of Delivery] </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | AcceptancePoint DeliveryPoint Customers ConsignorDeclarations GeneralInformation AttachedDocuments CommercialSpecifications PrepaymentInstructions Tariff SectionalInvoicing DeclarationOfValue InterestInDelivery CashOnDelivery RouteSection SpecialTreatments CustomsProcedures CustomsData RU Declarations Carriers LeadCarrier MadeOut ChargesNote TransitPeriodExtensions ChargingSections Wagons WagonPreviousNumber Freight AgreedTimeOfDelivery |
| annotation | documentation Consignment order message |
| source | <pre> <xs:element name="COM"> <xs:annotation> <xs:documentation>Consignment order message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

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carrier.</xs:documentation>
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        <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
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UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
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    </xs:annotation>
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    <xs:annotation>
        <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation>
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given contract number</xs:documentation>
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the given carrier code.</xs:documentation>
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                        <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
                    </xs:annotation>
                </xs:minLength>
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        <xs:documentation>Prepayment</xs:documentation>
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client)</xs:documentation>
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                        <xs:element ref="PrepaidCodeCustomer"/>
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            <xs:element ref="PrepaidcodeCarrier"/>
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being sent by the consignor in agreement with the contractual carrier so
only one structure is needed for field 20 and 49. The carrier is only
allowed to apply changes, when ordered by the consignor.</xs:documentation>
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<xs:complexType>
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CIT GLV-CIM appendix 3</xs:documentation>
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description</xs:documentation>
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tariff</xs:documentation>
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<xs:complexType>
    <xs:choice>
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            <xs:annotation>
                <xs:documentation>Number of customer
agreement.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
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                        <xs:documentation>has to be sent as n6 (with leading

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zeros if necessary)</xs:documentation>
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zeros if necessary, but without check digit)</xs:documentation>
                </xs:annotation>
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                    <xs:documentation>Sectional Invoicing</xs:documentation>
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type="CompanyCode">
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                                <xs:documentation>Sectional invoicing
by</xs:documentation>
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invoiced.</xs:documentation>
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type="CountryIdentISO">
                                            <xs:annotation>
                                                <xs:documentation>Invoiced section specified by
country</xs:documentation>

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type="CompanyCode">
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carrier</xs:documentation>
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currency code when the value exceeds the limit given in CIM Article 30
section 2.</xs:documentation>
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                    <xs:documentation>Amount</xs:documentation>
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                    <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
                </xs:annotation>
            </xs:element>
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    </xs:element>
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special interest in delivery.</xs:documentation>
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                    <xs:documentation>Amount</xs:documentation>
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alphanumeric)</xs:documentation>
                </xs:annotation>
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      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation>
        </xs:annotation>
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  <xs:complexType>
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procedures. </xs:documentation>
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(STP).</xs:documentation>
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RU</xs:documentation>
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surveillance</xs:documentation>
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consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006.</xs:documentation>
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declaration.</xs:documentation>
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declaration.</xs:documentation>
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point given by the consignor.</xs:documentation>
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in structure AcceptancePoint.</xs:documentation>
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structure AcceptancePoint.</xs:documentation>
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                    <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
                </xs:annotation>
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minOccurs="0">
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carrier in charge.</xs:documentation>
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                    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
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carrier</xs:documentation>
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        <xsd:documentation>City/Town</xsd:documentation>
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        <xsd:documentation>Start of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xsd:documentation>
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</xs:element>
<xs:element name="SectionTo" type="LocationIdent">
    <xsannotation>
        <xsd:documentation>End of section to be performed by the
carrier. This can be a station OR a border crossing
point.</xsd:documentation>
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zeros if necessary)</xsd:documentation>
                </xsannotation>
            </xs:minLength>
        </xsrestriction>
    </xs:simpleType>

```

```
        </xs:annotation>
    </xs:minLength>
    <xs:maxLength value="6"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
<xs:attribute name="sequenceID" type="xs:int">
    <xs:annotation>
        <xs:documentation>Position of carrier during transport.</xs:documentation>
    </xs:annotation>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LeadCarrier">
    <xs:annotation>
        <xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CarrierName" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of contractual carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="StreetNumber" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Streetnumber of carrier.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="5"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Street" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of street of the carrier</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
```

```
<xs:restriction base="xs:string">
  <xs:minLength value="1"/>
  <xs:maxLength value="35"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
  <xs:annotation>
    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="CountryCode" type="CountryIdentISO"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code (ISO Code)</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Signature" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Signature of the contractual carrier. When
missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="MadeOut" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Made out</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Place">
        <xs:annotation>
```

```
        <xs:documentation>Place on which the consignment note was  
made out</xs:documentation>  
        </xs:annotation>  
        <xs:simpleType>  
            <xs:restriction base="xs:string">  
                <xs:maxLength value="35"/>  
                <xs:minLength value="1"/>  
            </xs:restriction>  
        </xs:simpleType>  
    </xs:element>  
    <xs:element name="Date" type="xs:date">  
        <xs:annotation>  
            <xs:documentation>Date at which the consignment note was  
made out.</xs:documentation>  
        </xs:annotation>  
    </xs:element>  
    </xs:sequence>  
    </xs:complexType>  
</xs:element>  
<xs:element name="ChargesNote" minOccurs="0">  
    <xs:annotation>  
        <xs:documentation>Charges note</xs:documentation>  
    </xs:annotation>  
    <xs:complexType>  
        <xs:sequence>  
            <xs:element name="ChargesNoteAvailable" type="xs:boolean"/>  
            <xs:element name="DateOfReturn" type="xs:date" minOccurs="0">  
                <xs:annotation>  
                    <xs:documentation>Date, when the destination carrier sent  
the charges note back to the contractual carrier.</xs:documentation>  
                </xs:annotation>  
            </xs:element>  
        </xs:sequence>  
        </xs:complexType>  
</xs:element>  
<xs:element name="TransitPeriodExtensions" minOccurs="0"  
maxOccurs="30">  
    <xs:complexType>  
        <xs:sequence>  
            <xs:element ref="CodeOfCause"/>  
            <xs:element name="Description" minOccurs="0">  
                <xs:annotation>  
                    <xs:documentation>Description for CodeOfCause no.  
9.</xs:documentation>  
                </xs:annotation>  
                <xs:simpleType>  
                    <xs:restriction base="xs:string">  
                        <xs:minLength value="1"/>  
                        <xs:maxLength value="180"/>  
                    </xs:restriction>  
                </xs:simpleType>  
            </xs:element>  
            <xs:element name="Place">  
                <xs:annotation>  
                    <xs:documentation>Place of the extension.</xs:documentation>  
                </xs:annotation>  
                <xs:simpleType>  
                    <xs:restriction base="xs:string">
```

```
        <xs:minLength value="1"/>
        <xsmaxLength value="180"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Beginning">
    <xs:annotation>
        <xs:documentation>Beginning of the
extension.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
<xs:element name="Ending">
    <xs:annotation>
        <xs:documentation>End of extension.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:dateTime"/>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ChargingSections" maxOccurs="15">
    <xs:annotation>
        <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Start" type="LocationIdent">
                <xs:annotation>
                    <xs:documentation>Start of the charging
section</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="End" type="LocationIdent">
                <xs:annotation>
                    <xs:documentation>End of the charging
section</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CommercialRouteCode" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:length value="3"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                <xs:annotation>
                    <xs:documentation>Code for the currency of the amounts
```

entered in the charging section.</xs:documentation>

```

</xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="NHMCode" type="NHMCodeType">
                <xs:annotation>
                    <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="TariffNumber">
                <xs:annotation>
                    <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="6"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="ChargedMass" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m2 or the volume of the wagon or goods in m3 if used as
the basis for charging.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value">
                            <xs:simpleType>
                                <xs:restriction base="xs:decimal">
                                    <xs:minInclusive value="1"/>
                                    <xs:totalDigits value="8"/>
                                    <xs:fractionDigits value="1"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                        <xs:element name="measure" minOccurs="0">
                            <xs:simpleType>
                                <xs:restriction base="xs:token">
                                    <xs:enumeration value="kg"/>
                                    <xs:enumeration value="m2"/>
                                    <xs:enumeration value="m3"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="ExchangeRate" minOccurs="0">

```

```
<xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid
by the consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
</xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:decimal">
        <xs:totalDigits value="18"/>
        <xs:fractionDigits value="3"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Tariff distance, expressed in km or
zones, between the stations or points corresponding to the beginning and end
of the charging section.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="KM">
                <xs:annotation>
                    <xs:documentation>Tariff distance, expressed in
km, between the stations or points corresponding to the beginning and end of
the charging section.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:int">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="99999"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Zones">
                <xs:annotation>
                    <xs:documentation>Tariff distance, expressed in
zones, between the stations or points corresponding to the beginning and end
of the charging section.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:int">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="99"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Supplements, fees,
deductions</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:totalDigits value="4"/>
            <xs:minInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

```
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Freight Charges (paid and due)</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:choice>
            <xs:element name="Prepaid" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Transferred" type="Money_Type">
                <xs:annotation>
                    <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:choice>
        <xs:complexType>
            <xs:element>
                <xs:sequence>
                    <xs:complexType>
                        <xs:element>
                            <xs:sequence>
                                <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10">
                                    <xs:annotation>
                                        <xs:documentation>Sum of Prepaid</xs:documentation>
                                        <xs:documentation>Sum of Transferred</xs:documentation>
                                    </xs:annotation>
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="Code">
                                                <xs:annotation>
                                                    <xs:documentation>Additional charges code</xs:documentation>
                                                </xs:annotation>
                                            </xs:element>
                                            <xs:simpleType>
                                                <xs:restriction base="xs:string">
                                                    <xs:minLength value="1"/>
                                                    <xs:maxLength value="2"/>
                                                </xs:restriction>
                                            </xs:simpleType>
                                        </xs:sequence>
                                    </xs:complexType>
                                    <xs:choice>
                                        <xs:element name="Prepaid" type="Money_Type">
                                            <xs:annotation>
                                                <xs:documentation>Prepaid</xs:documentation>
                                            </xs:annotation>
                                        </xs:element>
                                        <xs:element name="Transferred" type="Money_Type">
                                            <xs:annotation>
                                                <xs:documentation>Transferred</xs:documentation>
                                            </xs:annotation>
                                        </xs:element>
                                    </xs:choice>
                                </xs:sequence>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:annotation>
```

| | |
|--|--|
| | <pre> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and ITU etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WagonIdent"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint**

| | |
|------------|---|
| diagram | <pre> classDiagram class AcceptancePoint { <<Description of location and time for the take over of the consignment>> } class Station { <<Details of station serving the point>> } class RP_Code { <<Routing point code of the production station of the acceptance or delivery point.>> } class ProductionStation { <<Details of production station serving the point, this element is used if the productional station differs from the commercial station>> } class AcceptanceDate { <<Date and time (month, day and hour) at which the goods were accepted.>> } class ConsignmentNumber { <<Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit,>> } class ForwardingTrainNumber { <<Train number at shipping>> } class CarrierCode { <<Code of the shipping carrier mentioned in the consignment number.>> } AcceptancePoint "1" --> "0..1" Station AcceptancePoint "1" --> "0..1" RP_Code AcceptancePoint "1" --> "0..1" ProductionStation AcceptancePoint "1" --> "1" AcceptanceDate AcceptancePoint "1" --> "1" ConsignmentNumber AcceptancePoint "1" --> "1" ForwardingTrainNumber AcceptancePoint "1" --> "1" CarrierCode </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Station RP Code ProductionStation AcceptanceDate ConsignmentNumber ForwardingTrainNumber CarrierCode |
| annotation | <p>documentation</p> <p>Description of location and time for the take over of the consignment</p> |
| source | <pre> <xs:element name="AcceptancePoint"> <xs:annotation> <xs:documentation>Description of location and time for the take over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit,</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ForwardingTrainNumber"> <xs:annotation> <xs:documentation>Train number at shipping</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|---|
| | <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/AcceptanceDate**

| | |
|------------|--|
| diagram |  <p>Date and time (month, day and hour) at which the goods were accepted.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:dateTime |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | <p>documentation</p> <p>Date and time (month, day and hour) at which the goods were accepted.</p> |
| source | <pre><xs:element name="AcceptanceDate" minOccurs="0"> <xs:annotation></pre> |

| | |
|--|---|
| | <pre><xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ConsignmentNumber**

| diagram | | | | | | | | | | |
|------------|---|------------|-------|------------|--------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element WIMO Dataset/ConsignmentLevelData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | length | 6 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | |
| length | 6 | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | |
| annotation | <p>documentation</p> <p>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit,</p> | | | | | | | | | |
| source | <pre><xs:element name="ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ForwardingTrainNumber**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 |

| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|
| | content simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 6 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 6 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Train number at shipping</p> | | | | | | | | | |
| source | <pre><xs:element name="ForwardingTrainNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode**

| | | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| diagram |  <p>Code of the shipping carrier mentioned in the consignment number.</p> | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Code of the shipping carrier mentioned in the consignment number.</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/DeliveryPoint**

| | |
|------------|--|
| diagram | <pre> classDiagram class DeliveryPoint { Description of location and time for the hand over of the consignment } class Station { Details of station serving the point } class RP_Code { Routing point code of the production station of the acceptance or delivery point. } class ProductionStation { Details of production station serving the point, this element is used if the productional station differs from the commercial station } DeliveryPoint <--> Station DeliveryPoint <--> RP_Code DeliveryPoint <--> ProductionStation </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Station RP Code ProductionStation |
| annotation | <p>documentation</p> <p>Description of location and time for the hand over of the consignment</p> |
| source | <pre> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations**

| | |
|------------|---|
| diagram | <pre> classDiagram class ConsignorDeclarations { Consignors declarations, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor } class ConsignorDeclarationCode { Carrier declaration code. } class DeclarationText { Additional Text for codes with free text } ConsignorDeclarations <--> ConsignorDeclarationCode ConsignorDeclarations <--> DeclarationText </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 10 content complex |
| children | ConsignorDeclarationCode DeclarationText |
| annotation | <p>documentation</p> <p>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the</p> |

| | |
|--------|--|
| | LeadRU as consignor |
| source | <pre><xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ConsignorDeclarationCode" /> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation**

| | |
|------------|--|
| diagram | <pre> classDiagram class GeneralInformation { General information about the complete consignment } class ConsignorReference { Consignor's reference concerning the complete consignment } class InformationConsignee { Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier. } class WagonGroupInfo { Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons. } GeneralInformation --> ConsignorReference GeneralInformation --> InformationConsignee GeneralInformation --> WagonGroupInfo </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | ConsignorReference InformationConsignee WagonGroupInfo |
| annotation | <p>documentation</p> <p>General information about the complete consignment</p> |
| source | <pre><xs:element name="GeneralInformation" minOccurs="0"> <xs:annotation> <xs:documentation>General information about the complete consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre> |

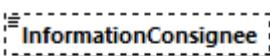
| | |
|--|--|
| | <pre> <xs:minLength value="1"/> <xsmaxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="InformationConsignee" minOccurs="0"> <xs:annotation> <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xsmaxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xsmaxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/ConsignorReference**

| diagram | <p>Consignor's reference concerning the complete consignment</p> | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | documentation Consignor's reference concerning the complete consignment | | | | | | | | | |
| source | <pre> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete </pre> | | | | | | | | | |

| | |
|--|--|
| | <pre> consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/InformationConsignee**

| diagram |  <p>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 350 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 350 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</p> | | | | | | | | | |
| source | <pre> <xs:element name="InformationConsignee" minOccurs="0"> <xs:annotation> <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/GeneralInformation/WagonGroupInfo**

| | |
|-----------|---|
| diagram |  <p>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 500 |
| annotation | documentation Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons. |
| source | <pre><xs:element name="WagonGroupInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments**

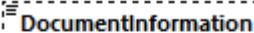
| | |
|------------|---|
| diagram | <p>AttachedDocuments </p> <p>Paper documents accompanying the transport</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | <p>minOcc 0</p> <p>maxOcc 10</p> <p>content complex</p> |
| children | DocumentType DocumentInformation Quantity DocumentTypeDescription Filename StatusOfDocument |
| annotation | <p>documentation</p> <p>Paper documents accompanying the transport</p> |
| source | <pre><xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Paper documents accompanying the transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType></pre> |

```
<xs:restriction base="xs:int">
  <xs:minInclusive value="1"/>
  <xs:maxInclusive value="999"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="DocumentInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information regarding the attached
document may be entered here.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="Quantity" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DocumentTypeDescription" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Description of document type, when it is not in
the UN/EDIFACT 1001 list included.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Filename" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="StatusOfDocument" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentType**

| diagram |  | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-----|--|
| | Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents. | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p> | | | | | | | | | |
| source | <pre><xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentInformation**

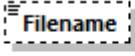
| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---------|--------|-----------|----|--|
| | Additional information regarding the attached document may be entered here. | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Additional information regarding the attached document may be entered here.</p> | | | | | | | | | |
| source | <pre><xs:element name="DocumentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation></pre> | | | | | | | | | |

| | |
|--|---|
| | <pre></xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentTypeDescription**

| | |
|------------|---|
| diagram |  <p>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Description of document type, when it is not in the UN/EDIFACT 1001 list included. |
| source | <pre><xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/Filename**

| | |
|------------|--|
| diagram |  <p>Filename of embedded pdf in legacy system</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 |

| | |
|------------|---|
| | maxLength 35 |
| annotation | documentation Filename of embedded pdf in legacy system |
| source | <pre><xs:element name="Filename" minOccurs="0"> <xs:annotation> <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications**

| | |
|------------|---|
| diagram | <pre> classDiagram class CommercialSpecifications { CommercialSpecificationCode SpecificationText CarrierCode ContractNumber } CommercialSpecificationCode "0..1" SpecificationText "0..1" CarrierCode "0..10" ContractNumber "0..10" </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 5 content complex |
| children | CommercialSpecificationCode SpecificationText CarrierCode ContractNumber |
| annotation | documentation Commercial Specification |
| source | <pre><xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Commercial Specification</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CommercialSpecificationCode"/> <xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|---|
| | <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ContractNumber" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional contract number according to the given carrier code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/SpecificationText**

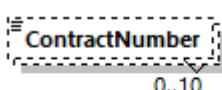
| diagram | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 350 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 350 | | | | | | | | | |
| annotation | documentation Additional Text for codes with free text | | | | | | | | | |
| source | <pre> <xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free </pre> | | | | | | | | | |

| | |
|--|---|
| | <pre>text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xsmaxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode

| | |
|------------|---|
| diagram |  0..10 additional carrier code belonging to the given contract number |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>CompanyCode</u> |
| properties | minOcc 0 maxOcc 10 content simple |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation additional carrier code belonging to the given contract number |
| source | <pre><xs:element name="CarrierCode" type="CompanyCode" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation> </xs:annotation> </xs:element></pre> |

element ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/ContractNumber

| | |
|------------|---|
| diagram |  0..10 additional contract number according to the given carrier code. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of <u>xs:string</u> |
| properties | minOcc 0 maxOcc 10 content simple |
| used by | element <u>WIMO Dataset/ConsignmentLevelData</u> |

| | |
|------------|---|
| facets | Kind minLength 1 documentation has to be sent as n6 (with leading zeros if necessary) maxLength 6 |
| annotation | documentation additional contract number according to the given carrier code. |
| source | <pre><xs:element name="ContractNumber" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>additional contract number according to the given carrier code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions**

| | |
|------------|--|
| diagram | <p>The diagram illustrates the structure of the PrepaymentInstructions element. It is represented by a rectangle with a connector on its left side. Four dashed lines connect it to four separate boxes: PrepaymentCustomer, PrepaidcodeCarrier, PaidUpTo, and AdditionalCharges. Each box contains descriptive text. PrepaymentCustomer says 'Prepaidcode (given by the client)'. PrepaidcodeCarrier says 'Prepaidcode (given by the railway)'. PaidUpTo contains a large amount of text about charges being sent by the consignor to the carrier. AdditionalCharges says '0..5 Additional Charges'.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | PrepaymentCustomer PrepaidcodeCarrier PaidUpTo AdditionalCharges |
| annotation | documentation Prepayment |
| source | <pre><xs:element name="PrepaymentInstructions"> <xs:annotation></pre> |

```

<xs:documentation>Prepayment</xs:documentation>
</xs:annotation>
<xss:complexType>
  <xss:sequence>
    <xss:element name="PrepaymentCustomer" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Prepaidcode (given by the
client)</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:choice>
          <xss:element ref="PrepaidCodeCustomer"/>
          <xss:element ref="IncotermCode"/>
        </xss:choice>
      </xss:complexType>
    </xss:element>
    <xss:element ref="PrepaidcodeCarrier"/>
    <xss:element name="PaidUpTo" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Charges Paid Up To ... This information is being
sent by the consignor in agreement with the contractual carrier so only one
structure is needed for field 20 and 49. The carrier is only allowed to
apply changes, when ordered by the consignor.</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:complexContent>
          <xss:extension base="LocationIdent"/>
        </xss:complexContent>
      </xss:complexType>
    </xss:element>
    <xss:element name="AdditionalCharges" minOccurs="0" maxOccurs="5">
      <xss:annotation>
        <xss:documentation>Additional Charges</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:sequence>
          <xss:element name="Code">
            <xss:annotation>
              <xss:documentation>Additional charges code according CIT GLV-
CIM appendix 3</xss:documentation>
            </xss:annotation>
            <xss:simpleType>
              <xss:restriction base="xs:string">
                <xss:length value="2"/>
                <xss:pattern value="\d*[1-9]\d*"/>
              </xss:restriction>
            </xss:simpleType>
          </xss:element>
          <xss:element name="Description" minOccurs="0">
            <xss:annotation>
              <xss:documentation>Additional charges
description</xss:documentation>
            </xss:annotation>
            <xss:simpleType>
              <xss:restriction base="xs:string">
                <xss:minLength value="1"/>
                <xss:maxLength value="35"/>
              </xss:restriction>
            </xss:simpleType>
          </xss:element>
        </xss:sequence>
      </xss:complexType>
    </xss:element>
  </xss:sequence>
</xss:complexType>

```

| | |
|--|---|
| | <pre> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PrepaymentCustomer**

| | |
|------------|--|
| diagram | <pre> classDiagram class PrepaymentCustomer { <<Prepaidcode (given by the client)>> } class PrepaidCodeCustomer { <<Prepaidcode (given by the customer)>> } class IncotermCode { <<Incoterm (given by the client)>> } PrepaymentCustomer < -- PrepaidCodeCustomer PrepaymentCustomer < -- IncotermCode </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | PrepaidCodeCustomer IncotermCode |
| annotation | documentation Prepaidcode (given by the client) |
| source | <pre> <xs:element name="PrepaymentCustomer" minOccurs="0"> <xs:annotation> <xs:documentation>Prepaidcode (given by the client)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="PrepaidCodeCustomer"/> <xs:element ref="IncotermCode"/> </xs:choice> </xs:complexType> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo**

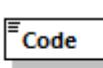
| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of LocationIdent |
| properties | minOcc 0 maxOcc 1 content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation</p> <p>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</p> |
| source | <pre><xs:element name="PaidUpTo" minOccurs="0"> <xs:annotation> <xs:documentation>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges**

| | |
|---------|--|
| diagram | |
|---------|--|

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 5 content complex |
| children | Code Description |
| annotation | documentation Additional Charges |
| source | <pre><xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Code**

| | |
|------------|---|
| diagram |  <p>Additional charges code according CIT GLV-CIM appendix 3</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| facets | Kind Value Annotation length 2 |

| | |
|------------|--|
| | pattern \d*[1-9]\d* |
| annotation | documentation Additional charges code according CIT GLV-CIM appendix 3 |
| source | <pre><xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element

ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Description

| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | documentation Additional charges description | | | | | | | | | |
| source | <pre><xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/Tariff**

| | |
|------------|---|
| diagram | <pre> classDiagram class Tariff { <<Number of customer agreement or tariff>> } class ContractNumber { <<Number of customer agreement.>> } class TariffNumber { <<Number of the tariff.>> } Tariff "1" -- "*" ContractNumber Tariff "1" -- "*" TariffNumber </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | ContractNumber TariffNumber |
| annotation | <p>documentation Number of customer agreement or tariff</p> |
| source | <pre> <xs:element name="Tariff"> <xs:annotation> <xs:documentation>Number of customer agreement or tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **ConsignmentOrderMessage/COMS/COM/Tariff/ContractNumber**

| diagram | | | | | | | | | | |
|------------|--|---|-------|------------|-----------|---|---|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element WIMO Dataset/ConsignmentLevelData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | documentation has to be sent as n6 (with leading zeros if necessary) | maxLength | 6 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | documentation has to be sent as n6 (with leading zeros if necessary) | | | | | | | | |
| maxLength | 6 | | | | | | | | | |
| annotation | documentation Number of customer agreement. | | | | | | | | | |
| source | <pre> <xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/Tariff/TariffNumber**

| diagram | | | | | | | | | | | | | |
|------------|--|--|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | documentation has to be sent as n6 (with leading zeros if necessary, but without check digit) | maxLength | 6 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 1 | documentation has to be sent as n6 (with leading zeros if necessary, but without check digit) | | | | | | | | | | | |
| maxLength | 6 | | | | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | | | | |
| annotation | documentation Number of the tariff. | | | | | | | | | | | | |

| | |
|--------|---|
| source | <pre><xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary, but without check digit)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|---|

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing**

| | |
|------------|--|
| diagram | <pre>graph LR SectionalInvoicing[SectionalInvoicing] --- Section[Section] Section --- Section[Section]</pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | Section |
| annotation | <p>documentation Sectional Invoicing</p> |
| source | <pre><xs:element name="SectionalInvoicing" minOccurs="0"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> <xs:complexType></pre> |

```

<xs:choice>
  <xs:element name="CountryCode" type="CountryIdentISO">
    <xs:annotation>
      <xs:documentation>Invoiced section specified by country</xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="SectionCarrierCode" type="CompanyCode">
    <xs:annotation>
      <xs:documentation>Invoiced section specified by carrier</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:choice>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

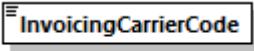
```

element ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section

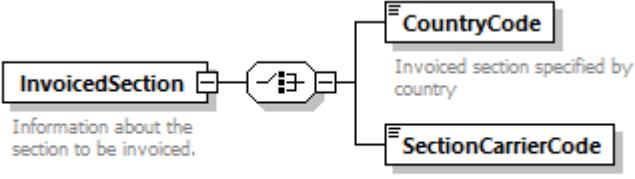
| | | | | | | | |
|------------|--|--------|---|--------|----|---------|---------|
| diagram | <p>Diagram illustrating the 'Sectional Invoicing' relationship:</p> <ul style="list-style-type: none"> Section (multiplicity 1..30) is connected to InvoicingCarrierCode. The connection is labeled Sectional Invoicing. From InvoicingCarrierCode, a connection leads to InvoicedSection. The connection is labeled Information about the section to be invoiced. | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>30</td></tr> <tr> <td>content</td><td>complex</td></tr> </table> | minOcc | 1 | maxOcc | 30 | content | complex |
| minOcc | 1 | | | | | | |
| maxOcc | 30 | | | | | | |
| content | complex | | | | | | |
| children | InvoicingCarrierCode InvoicedSection | | | | | | |
| annotation | documentation Sectional Invoicing | | | | | | |
| source | <pre> <xs:element name="Section" maxOccurs="30"> <xs:annotation> <xs:documentation>Sectional Invoicing</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> | | | | | | |

| | |
|--|--|
| | <pre> <xs:complexType> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode**

| diagram |  <p>Sectional invoicing by</p> | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Sectional invoicing by</p> | | | | | | | | | | | | |
| source | <pre> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection**

| | |
|---------|---|
| diagram |  <p>Information about the section to be invoiced.</p> <p>CountryCode Invoiced section specified by country</p> <p>SectionCarrierCode Invoiced section specified by carrier</p> |
|---------|---|

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | CountryCode SectionCarrierCode |
| annotation | documentation Information about the section to be invoiced. |
| source | <pre><xs:element name="InvoicedSection"> <xs:annotation> <xs:documentation>Information about the section to be invoiced.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element></pre> |

element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode

| | |
|------------|---|
| diagram | |
| | Invoiced section specified by country |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation Invoiced section specified by country |
| source | <pre><xs:element name="CountryCode" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Invoiced section specified by country</xs:documentation> </xs:annotation> </xs:element></pre> |

element

ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode

| diagram | <p>SectionCarrierCode Invoiced section specified by carrier</p> | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation Invoiced section specified by carrier</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue**

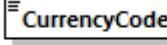
| diagram | <p>DeclarationOfValue Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.</p> | | | | | | |
|------------|---|--------|---|--------|---|---------|---------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | complex | | | | | | |
| children | Amount CurrencyCode | | | | | | |
| annotation | <p>documentation Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.</p> | | | | | | |
| source | <pre><xs:element name="DeclarationOfValue" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> | | | | | | |

| | |
|--|--|
| | <pre> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount**

| | |
|------------|--|
| diagram |  Amount |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Money Type |
| properties | content simple |
| facets | Kind Value Annotation totalDigits 18 fractionDigits 2 |
| annotation | documentation Amount |
| source | <pre> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode**

| | |
|------------|--|
| diagram |  Currency abbreviation (ISO-4217 alphanumeric) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CurrencyCode Type |
| properties | content simple |
| facets | Kind Value Annotation pattern [A-Z][A-Z][A-Z] |
| annotation | documentation Currency abbreviation (ISO-4217 alphanumeric) |
| source | <pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery**

| | |
|------------|--|
| diagram | <p>InterestInDelivery Details of the amount and currency code of a special interest in delivery.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | Amount CurrencyCode |
| annotation | <p>documentation</p> <p>Details of the amount and currency code of a special interest in delivery.</p> |
| source | <pre><xs:element name="InterestInDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount and currency code of a special interest in delivery.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount**

| | |
|------------|---|
| diagram | <p>Amount Amount</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Money Type |
| properties | content simple |
| facets | Kind Value Annotation totalDigits 18 fractionDigits 2 |
| annotation | documentation |

| | |
|--------|--|
| | Amount |
| source | <pre><xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode**

| | |
|------------|--|
| diagram | <p>The diagram shows a rectangular box labeled "CurrencyCode" with a small icon above it. Below the box is the text "Currency abbreviation (ISO-4217 alphanumeric)".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CurrencyCode Type |
| properties | content simple |
| facets | Kind Value Annotation pattern [A-Z][A-Z][A-Z] |
| annotation | documentation Currency abbreviation (ISO-4217 alphanumeric) |
| source | <pre><xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery**

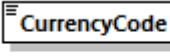
| | |
|------------|--|
| diagram | <p>The diagram shows a dashed box labeled "CashOnDelivery". An arrow points from "CashOnDelivery" to a sequence of two boxes: "Amount" and "CurrencyCode". "Amount" has a small icon above it. Below "Amount" is the text "Amount". Below "CurrencyCode" is the text "Currency abbreviation (ISO-4217 alphanumeric)".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | Amount CurrencyCode |
| annotation | documentation Details of the amount to be collected on delivery and the currency code. |
| source | <pre><xs:element name="CashOnDelivery" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the amount to be collected on delivery and the currency code.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"></pre> |

| | |
|--|--|
| | <pre> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount**

| diagram |  <p>Amount</p> | | | | | | | | | |
|----------------|--|------------|-------|------------|-------------|----|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Money Type | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 18 | | fractionDigits | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 18 | | | | | | | | | |
| fractionDigits | 2 | | | | | | | | | |
| annotation | documentation Amount | | | | | | | | | |
| source | <pre> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode**

| diagram |  <p>Currency abbreviation (ISO-4217 alphanumeric)</p> | | | | | | |
|------------|--|------------|-------|------------|---------|-----------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | CurrencyCode Type | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | pattern | [A-Z][A-Z][A-Z] | |
| Kind | Value | Annotation | | | | | |
| pattern | [A-Z][A-Z][A-Z] | | | | | | |
| annotation | documentation Currency abbreviation (ISO-4217 alphanumeric) | | | | | | |
| source | <pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | |

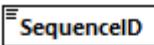
| | |
|--|-----------------------------------|
| | </xs:annotation> </xs:element> |
|--|-----------------------------------|

element **ConsignmentOrderMessage/COMS/COM/RouteSection**

| | |
|------------|--|
| diagram | <pre> classDiagram class RouteSection { <<0..30>> <<Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not>> } class SequenceID { <<Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.>> } class RouteCode { <<Route code (International RouteCode)>> } class RouteText { <<Description of the specific route section>> } RouteSection "0..30" --> SequenceID RouteSection --> RouteCode RouteSection --> RouteText </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 30 content complex |
| children | SequenceID RouteCode RouteText |
| annotation | <p>documentation</p> <p>Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p> |
| source | <pre> <xs:element name="RouteSection" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|--|
| | <pre> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/RouteSection/SequenceID**

| | |
|------------|--|
| diagram |  <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:int |
| properties | content simple |
| annotation | documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes. |
| source | <pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/RouteSection/RouteCode**

| | | | | | | | | | | |
|------------|---|------------|-------|------------|--------|---|--|---------|-------------|--|
| diagram |  <p>Route code (International RouteCode)</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>5</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </table> | Kind | Value | Annotation | length | 5 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | |
| length | 5 | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | |

| | |
|------------|--|
| annotation | documentation Route code (International RouteCode) |
| source | <pre><xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element ConsignmentOrderMessage/COMS/COM/RouteSection/RouteText

| | |
|------------|--|
| diagram |  Description of the specific route section |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 80 |
| annotation | documentation Description of the specific route section |
| source | <pre><xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/CustomsProcedures**

| | |
|------------|--|
| diagram | <pre> classDiagram class CustomsProcedures { <<Customs procedures>> } class RU_Partner { <<Code of the RU entrusted of customs procedures.>> } class Location { <<Identifies a Location using a LocationIdent>> } CustomsProcedures "2" --> RU_Partner CustomsProcedures "2" --> Location </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | RU Partner Location |
| annotation | documentation Customs procedures |
| source | <pre> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Code of the RU entrusted of customs procedures.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/CustomsData**

| | |
|-----------|--|
| diagram | <pre> classDiagram class CustomsData { <<Customs Data>> } class SimplifiedTransportProcedure { <<Simplified transport procedure is used (STP).>> } class PrincipalRU { <<Code for the principal RU>> } class CustomsSurveillance { <<Good under customs surveillance>> } class CustomsEndorsements { <<Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.>> } CustomsData "2" --> SimplifiedTransportProcedure CustomsData "2" --> PrincipalRU CustomsData "2" --> CustomsSurveillance CustomsData "2" --> CustomsEndorsements </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | minOcc 0 maxOcc 1 content complex |
| children | SimplifiedTransportProcedure PrincipalRU CustomsSurveillance CustomsEndorsements |
| annotation | documentation Customs Data |
| source | <pre> <xs:element name="CustomsData" minOccurs="0"> <xs:annotation> <xs:documentation>Customs Data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure**

| | |
|------------|--|
| diagram | SimplifiedTransportProcedure Simplified transport procedure is used (STP). |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Simplified transport procedure is used (STP). |
| source | <pre><xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is used (STM).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU**

| | |
|------------|---|
| diagram | PrincipalRU Code for the principal RU |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation Code for the principal RU |
| source | <pre><xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code for the principal RU</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsSurveillance**

| | |
|---------|---|
| diagram | CustomsSurveillance Good under customs surveillance |
|---------|---|

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:boolean |
| properties | content simple |
| annotation | documentation Good under customs surveillance |
| source | <pre><xs:element name="CustomsSurveillance"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsEndorsements**

| | |
|------------|---|
| diagram |  <p>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006. |
| source | <pre><xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations**

| | |
|------------|--|
| diagram | <pre> classDiagram class RU_Declarations { <<Carriers declaration>> } class RU_Declaration { <<0..30 Details of the carriers declaration.>> } class DifferentAcceptance { <<Details of the changes of the acceptance point given by the consignor.>> } RU_Declarations "0..30" -- "1" RU_Declaration RU_Declarations "1" -- "1" DifferentAcceptance </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | RU Declaration DifferentAcceptance |
| annotation | documentation Carriers declaration |
| source | <pre> <x:element name="RU_Declarations" minOccurs="0"> <x:annotation> <x:documentation>Carriers declaration</x:documentation> </x:annotation> <x:complexType> <x:sequence> <x:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <x:annotation> <x:documentation>Details of the carriers declaration.</x:documentation> </x:annotation> <x:complexType> <x:sequence> <x:element name="DeclaringRU" type="CompanyCode"> <x:annotation> <x:documentation>Code of carrier, who added the declaration.</x:documentation> </x:annotation> </x:element> <x:element ref="RU_DeclarationCode"/> <x:element ref="DeclarationText" minOccurs="0"/> </x:sequence> </x:complexType> </x:element> <x:element name="DifferentAcceptance" minOccurs="0"> <x:annotation> <x:documentation>Details of the changes of the acceptance point given by the consignor.</x:documentation> </x:annotation> <x:complexType> <x:sequence> <x:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <x:annotation> <x:documentation>Variance of acceptance point given in structure AcceptancePoint.</x:documentation> </x:annotation> </x:element> </x:sequence> </x:complexType> </x:element> </x:sequence> </x:complexType> </x:element> </pre> |

| | |
|--|---|
| | <pre> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration**

| | |
|------------|---|
| diagram | <pre> classDiagram class RU_Declaration { <<0..30>> } class DeclaringRU { <<Code of carrier, who added the declaration.>> } class RU_DeclarationCode { <<Carrier declaration code.>> } class DeclarationText { <<Additional Text for codes with free text>> } RU_Declaration "0..30" --> DeclaringRU : RU_Declaration --> RU_DeclarationCode : RU_Declaration --> DeclarationText : </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 30 content complex |
| children | DeclaringRU RU_DeclarationCode DeclarationText |
| annotation | <p>documentation</p> <p>Details of the carriers declaration.</p> |
| source | <pre> <xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Details of the carriers declaration.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RU_DeclarationCode"/> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU**

| diagram | | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation Code of carrier, who added the declaration.</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance**

| diagram | <p>DifferentAcceptance</p> <p>DifferentAcceptancePoint</p> <p>DifferentAcceptanceDate</p> | | | | | | |
|------------|--|--------|---|--------|---|---------|---------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | complex | | | | | | |
| children | DifferentAcceptancePoint DifferentAcceptanceDate | | | | | | |
| annotation | <p>documentation Details of the changes of the acceptance point given by the consignor.</p> | | | | | | |
| source | <pre><xs:element name="DifferentAcceptance" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> | | | | | | |

| | |
|--|---|
| | <pre> </xs:annotation> </xs:element> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

| | |
|------------|---|
| diagram | <pre> classDiagram class DifferentAcceptancePoint { <<Variance of acceptance point given in structure AcceptancePoint.>> } class LocationIdent { <<Identifies a County or State by code (ISO 3166-1)>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode { <<Location Name in an officion language of the Country using the ISO Unicode alphabet>> } class PrimaryLocationName { <<Location Name in an officion language of the Country using the ISO Unicode alphabet>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } DifferentAcceptancePoint "1" -- "1" LocationIdent LocationIdent "1" -- "1" CountryCodeISO LocationIdent "1" -- "1" LocationPrimaryCode LocationIdent "1" -- "1" PrimaryLocationName LocationIdent "1" -- "1" LocationSubsidiaryIdentification </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>LocationIdent</u> |
| properties | minOcc 0 maxOcc 1 content complex |
| children | <u>CountryCodeISO</u> <u>LocationPrimaryCode</u> <u>PrimaryLocationName</u> <u>LocationSubsidiaryIdentification</u> |
| annotation | documentation Variance of acceptance point given in structure AcceptancePoint. |
| source | <pre> <xs:element name="DifferentAcceptancePoint" type="LocationIdent"> <minOccurs>"0"</minOccurs> <xs:annotation> <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> </pre> |

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

| | |
|------------|---|
| diagram |  Variance of acceptance date given structure AcceptancePoint. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:dateTime |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Variance of acceptance date given structure AcceptancePoint. |
| source | <pre><xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/Carriers**

| | |
|-----------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | | | | | | |
|------------|--|-----------------------|-----|---------|-------|---|
| properties | minOcc maxOcc content | 1 30 complex | | | | |
| children | <u>CarrierStatus</u> <u>CarrierCode</u> <u>ResponsibleCarrierCode</u> <u>CarrierName</u> <u>StreetNumber</u> <u>Street</u> <u>ZIPCode</u> <u>City</u> <u>CountryCode</u> <u>SectionFrom</u> <u>SectionTo</u> <u>SubContractNumber</u> <u>SplitContract</u> | | | | | |
| attributes | Name <u>sequenceID</u> | Type xs:int | Use | Default | Fixed | Annotation documentation Position of carrier during transport. |
| source | <pre> <xs:element name="Carriers" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CarrierStatus"/> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> | | | | | |

```

        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="9"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="City" minOccurs="0">
        <xs:annotation>
            <xs:documentation>City/Town</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Country Code (ISO Code)</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="SectionFrom" type="LocationIdent">
        <xs:annotation>
            <xs:documentation>Start of section to be performed by the carrier.  
This can be a station OR a border crossing point.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="SectionTo" type="LocationIdent">
        <xs:annotation>
            <xs:documentation>End of section to be performed by the carrier.  
This can be a station OR a border crossing point.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="SubContractNumber_SplitContract" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Number of customer agreement between the  
responsible and the operating carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1">
                    <xs:annotation>
                        <xs:documentation>has to be sent as n6 (with leading zeros  
if necessary)</xs:documentation>
                    </xs:annotation>
                </xs:minLength>
                <xs:maxLength value="6"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>

```

| | |
|--|--|
| | <pre> </xs:element> </xs:sequence> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute> </xs:complexType> </xs:element></pre> |
|--|--|

attribute **ConsignmentOrderMessage/COMS/COM/Carriers/@sequenceID**

| | |
|------------|---|
| type | xs:int |
| annotation | <p>documentation Position of carrier during transport.</p> |
| source | <pre> <xs:attribute name="sequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of carrier during transport. </xs:documentation> </xs:annotation> </xs:attribute></pre> |

element **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode**

| diagram | | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation Railway Undertaking (Railway Code)</p> | | | | | | | | | | | | |
| source | <pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode**

| | |
|---------|--|
| diagram | |
|---------|--|

| | | | |
|------------|---|--|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | CompanyCode | | |
| properties | minOcc 0 maxOcc 1 content simple | | |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} | | |
| annotation | documentation Railway Undertaking (Railway Code) of the carrier in charge. | | |
| source | <pre><xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation> </xs:annotation> </xs:element></pre> | | |

element **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierName**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Name of Carrier |
| source | <pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/Carriers/StreetNumber**

| | |
|---------|--|
| diagram | |
|---------|--|

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 5 |
| annotation | documentation Streetnumber of carrier. |
| source | <pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/Carriers/Street**

| | |
|------------|---|
| diagram |  Name of street of the carrier |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Name of street of the carrier |
| source | <pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

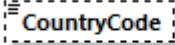
element **ConsignmentOrderMessage/COMS/COM/Carriers/ZIPCode**

| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 9 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 9 | | | | | | | | | |
| annotation | documentation Postal Code | | | | | | | | | |
| source | <pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

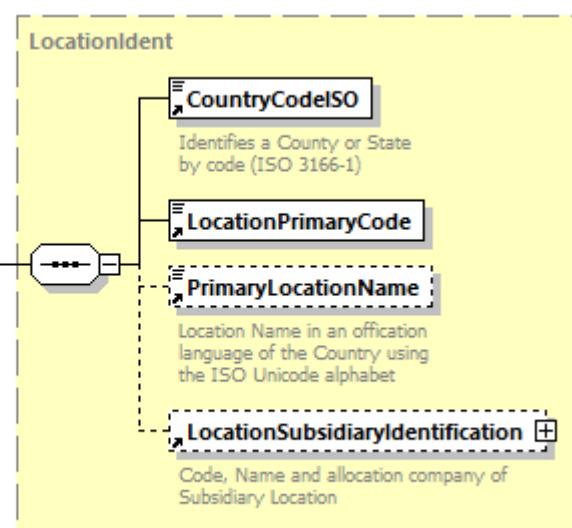
element **ConsignmentOrderMessage/COMS/COM/Carriers/City**

| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | documentation City/Town | | | | | | | | | |
| source | <pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation Country Code (ISO Code) |
| source | <pre><xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation Start of section to be performed by the carrier. This can be a station OR a border crossing point. |
| source | <pre><xs:element name="SectionFrom" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of section to be performed by the carrier. This</pre> |

| | |
|--|--|
| | can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo**

| | |
|------------|---|
| diagram | <pre> classDiagram class LocationIdent { <<LocationIdent>> <<CountryCodeISO>> <<LocationPrimaryCode>> <<PrimaryLocationName>> <<LocationSubsidiaryIdentification>> } LocationIdent "1..1" *-- "1..1" SectionTo LocationIdent "1..1" *-- "1..1" CountryCodeISO LocationIdent "1..1" *-- "1..1" LocationPrimaryCode PrimaryLocationName "1..1" *-- "0..1" LocationSubsidiaryIdentification </pre> <p>End of section to be performed by the carrier. This can be a station OR a border crossing point.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation End of section to be performed by the carrier. This can be a station OR a border crossing point. |
| source | <pre> <xs:element name="SectionTo" type="LocationIdent"> <xs:annotation> <xs:documentation>End of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/Carriers/SubContractNumber_SplitContract**

| | |
|------------|---|
| diagram | <pre> classDiagram class SubContractNumber_SplitContract { <<SubContractNumber_SplitContract>> } SubContractNumber_SplitContract "1..1" *-- "1..1" SubContractNumber_SplitContract </pre> <p>Number of customer agreement between the responsible and the operating carrier</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 documentation has to be sent as n6 (with leading zeros if necessary) maxLength 6 |

| | |
|------------|---|
| annotation | documentation Number of customer agreement between the responsible and the operating carrier |
| source | <pre> <xs:element name="SubContractNumber_SplitContract" minOccurs="0"> <xs:annotation> <xs:documentation>Number of customer agreement between the responsible and the operating carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier**

| | |
|------------|---|
| diagram | <pre> classDiagram class LeadCarrier { <<LeadCarrier/ Contractual carrier>> } class CarrierCode class CarrierName class StreetNumber class Street class ZIPCode class City class CountryCode class Signature LeadCarrier "1" -- "0..1" CarrierCode : LeadCarrier "1" -- "0..1" CarrierName : LeadCarrier "1" -- "0..1" StreetNumber : LeadCarrier "1" -- "0..1" Street : LeadCarrier "1" -- "0..1" ZIPCode : LeadCarrier "1" -- "0..1" City : LeadCarrier "1" -- "0..1" CountryCode : LeadCarrier "1" -- "0..1" Signature : </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | CarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode Signature |

| | |
|------------|---|
| annotation | documentation LeadCarrier/ Contractual carrier |
| source | <pre> <xs:element name="LeadCarrier"> <xs:annotation> <xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|---|
| | <pre> </xs:element> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode**

| diagram |  <p>Contractual carrier, railway undertaking (Railway Code).</p> | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation Contractual carrier, railway undertaking (Railway Code). | | | | | | | | | | | | |
| source | <pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation> </xs:annotation> </pre> | | | | | | | | | | | | |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierName**

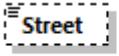
| | |
|------------|--|
| diagram |  <p>Name of contractual carrier</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of <code>xs:string</code> |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Name of contractual carrier |
| source | <pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of contractual carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/StreetNumber**

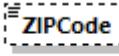
| | |
|------------|---|
| diagram |  <p>Streetnumber of carrier.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of <code>xs:string</code> |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 5 |
| annotation | documentation Streetnumber of carrier. |
| source | <pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|---|
| | <pre> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/Street**

| | |
|------------|---|
| diagram |  Street Name of street of the carrier |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Name of street of the carrier |
| source | <pre> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/ZIPCode**

| | |
|------------|--|
| diagram |  ZIPCode Postal Code |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 9 |
| annotation | documentation Postal Code |
| source | <pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> </pre> |

| | |
|--|---|
| | <pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/City**

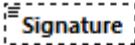
| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | documentation City/Town | | | | | | | | | |
| source | <pre> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode**

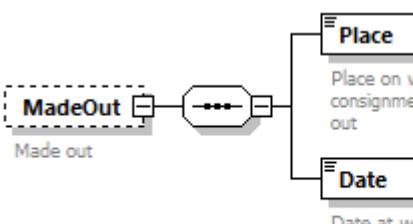
| diagram |  | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | CountryIdentISO | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 2 | | maxLength | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 2 | | | | | | | | | |
| maxLength | 2 | | | | | | | | | |
| annotation | documentation Country Code (ISO Code) | | | | | | | | | |
| source | <pre> <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> </pre> | | | | | | | | | |

| | |
|--|--|
| | <pre><xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element></pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/LeadCarrier/Signature**

| diagram |  <p>Signature Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | <p>documentation Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</p> | | | | | | | | | |
| source | <pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/MadeOut**

| | |
|------------|---|
| diagram |  <p>MadeOut Place Place on which the consignment note was made out Date Date at which the consignment note was made out.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |

| | |
|------------|---|
| children | <u>Place Date</u> |
| annotation | documentation Made out |
| source | <pre><xs:element name="MadeOut" minOccurs="0"> <xs:annotation> <xs:documentation>Made out</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/MadeOut/Place**

| diagram | <div style="border: 1px solid black; padding: 2px; display: inline-block;"> Place </div> <p>Place on which the consignment note was made out</p> | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | documentation Place on which the consignment note was made out | | | | | | | | | |
| source | <pre><xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre> | | | | | | | | | |

| | |
|--|--|
| | <pre> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/MadeOut/Date**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| annotation | documentation Date at which the consignment note was made out. |
| source | <pre> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/ChargesNote**

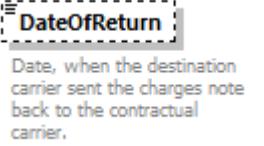
| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | ChargesNoteAvailable DateOfReturn |
| annotation | documentation Charges note |
| source | <pre> <xs:element name="ChargesNote" minOccurs="0"> <xs:annotation> <xs:documentation>Charges note</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChargesNoteAvailable" type="xs:boolean"/> <xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|---|
| | <pre>charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/ChargesNoteAvailable**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| source | <xs:element name="ChargesNoteAvailable" type="xs:boolean"/> |

element **ConsignmentOrderMessage/COMS/COM/ChargesNote/DateOfReturn**

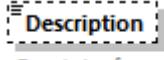
| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Date, when the destination carrier sent the charges note back to the contractual carrier. |
| source | <pre><xs:element name="DateOfReturn" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions**

| | |
|------------|--|
| diagram | <pre> classDiagram class CodeOfCause class Description class Place class Beginning class Ending CodeOfCause "Code of reason for extension" --> Description : Description for CodeOfCause no. 9. Description "Description for CodeOfCause no. 9." --> Place : Place of the extension. Place "Place of the extension." --> Beginning : Beginning of the extension. Beginning "Beginning of the extension." --> Ending : End of extension. class TransitPeriodExtensions { CodeOfCause Description Place Beginning Ending } "0..30" --> Description </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 30 content complex |
| children | CodeOfCause Description Place Beginning Ending |
| source | <pre> <xs:element name="TransitPeriodExtensions" minOccurs="0" maxOccurs="30"> <xs:complexType> <xs:sequence> <xs:element ref="CodeOfCause"/> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|---|
| | <pre> </xs:simpleType> </xs:element> <xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Description**

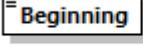
| diagram |  <p>Description for CodeOfCause no. 9.</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>180</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 180 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 180 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Description for CodeOfCause no. 9.</p> | | | | | | | | | |
| source | <pre> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/Place**

| diagram |  <p>Place of the extension.</p> | | | |
|------------|--|------------|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | |
| type | restriction of xs:string | | | |
| properties | content simple | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> </table> | Kind | Value | Annotation |
| Kind | Value | Annotation | | |

| | |
|------------|---|
| | minLength 1 maxLength 180 |
| annotation | documentation Place of the extension. |
| source | <pre><xs:element name="Place"> <xs:annotation> <xs:documentation>Place of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/BEGINNING**

| | |
|------------|--|
| diagram |  Beginning |
| | Beginning of the extension. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:dateTime |
| properties | content simple |
| annotation | documentation Beginning of the extension. |
| source | <pre><xs:element name="Beginning"> <xs:annotation> <xs:documentation>Beginning of the extension.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions/ENDING**

| | |
|------------|---|
| diagram |  Ending |
| | End of extension. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:dateTime |
| properties | content simple |
| annotation | documentation End of extension. |
| source | <pre><xs:element name="Ending"> <xs:annotation> <xs:documentation>End of extension.</xs:documentation> </xs:annotation> <xs:simpleType></pre> |

| | |
|--|--|
| | <pre><xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element></pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 1 maxOcc 15 content complex |
| children | Start End CommercialRouteCode CurrencyCode Tariff AdditionalCharges |
| annotation | <p>documentation</p> <p>Charging section</p> |
| source | <pre><xs:element name="ChargingSections" maxOccurs="15"> <xs:annotation> <xs:documentation>Charging section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or</pre> |

the tariff applied provide for it. </xs:documentation>

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:length value="3"/>
    <xs:pattern value="\d*[1-9]\d*"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CurrencyCode" type="CurrencyCode_Type">
  <xs:annotation>
    <xs:documentation>Code for the currency of the amounts entered in
the charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
  </xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="NHCCode" type="NHCCodeType">
      <xs:annotation>
        <xs:documentation>NHC code determining the charges
applicable.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TariffNumber">
      <xs:annotation>
        <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
      </xs:annotation>
<xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="6"/>
      </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ChargedMass" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m2 or the volume of the wagon or goods in m3 if used as
the basis for charging.</xs:documentation>
  </xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="value">
      <xs:simpleType>
        <xs:restriction base="xs:decimal">
          <xs:minInclusive value="1"/>
          <xs:totalDigits value="8"/>
          <xs:fractionDigits value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
<xs:element name="measure" minOccurs="0">

```

```
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="kg"/>
    <xs:enumeration value="m2"/>
    <xs:enumeration value="m3"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="KM">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
```

```
</xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees,  
deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges (paid and  
due)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be paid by the  
consignor in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Transferred" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be paid by the  
consignee in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation/>
    <xs:documentation>Sum of Prepaid</xs:documentation>
    <xs:documentation>Sum of Transferred</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Additional charges code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

| | |
|--|---|
| | <pre> </xs:element> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Start**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>LocationIdent</u> |
| properties | content complex |
| children | <u>CountryCodeISO</u> <u>LocationPrimaryCode</u> <u>PrimaryLocationName</u> <u>LocationSubsidiaryIdentification</u> |
| annotation | documentation Start of the charging section |
| source | <pre> <xs:element name="Start" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of the charging section</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/End**

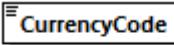
| | |
|------------|---|
| diagram | <pre> classDiagram class LocationIdent { <<Identifies a County or State by code (ISO 3166-1)>> <<Location Name in an official language of the Country using the ISO Unicode alphabet>> <<Code, Name and allocation company of Subsidiary Location>> } class End { <<End of the charging section>> } LocationIdent "3" --> CountryCodeISO : LocationIdent "3" --> LocationPrimaryCode : LocationIdent "3" --> PrimaryLocationName : LocationIdent "3" --> LocationSubsidiaryIdentification : End --> LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation End of the charging section |
| source | <pre> <xss:element name="End" type="LocationIdent"> <xss:annotation> <xss:documentation>End of the charging section</xss:documentation> </xss:annotation> </xss:element> </pre> |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CommercialRouteCode**

| diagram | <pre> classDiagram class CommercialRouteCode { <<Route code (RIP) when the customer agreement or the tariff applied provide for it.>> } </pre> | | | | | | | | | |
|------------|--|------------|-------|------------|--------|---------|--------|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>3</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | length | 3 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | |
| length | 3 | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | |
| annotation | documentation Route code (RIP) when the customer agreement or the tariff applied provide for it. | | | | | | | | | |
| source | <pre> <xss:element name="CommercialRouteCode" minOccurs="0"> <xss:annotation> <xss:documentation>Route code (RIP) when the customer agreement or the tariff applied provide for it. </xss:documentation> </xss:annotation> </xss:element> </pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode**

| diagram |  <p>Code for the currency of the amounts entered in the charging section.</p> | | | | | | |
|------------|--|------------|-------|------------|---------|-----------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | CurrencyCode Type | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[A-Z][A-Z][A-Z]</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | pattern | [A-Z][A-Z][A-Z] | |
| Kind | Value | Annotation | | | | | |
| pattern | [A-Z][A-Z][A-Z] | | | | | | |
| annotation | <p>documentation</p> <p>Code for the currency of the amounts entered in the charging section.</p> | | | | | | |
| source | <pre> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Code for the currency of the amounts entered in the charging section.</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff**

| | | | | | | | |
|------------|--|--------|---|--------|---|---------|---------|
| diagram | <p>NHMCode NHM code determining the charges applicable.</p> <p>TariffNumber Customer agreement or tariff applied</p> <p>ChargedMass Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</p> <p>ExchangeRate Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</p> <p>Distance Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</p> <p>Fee Supplements, fees, deductions</p> <p>FreightCharges Freight Charges (paid and due)</p> <p>Freight Charges Section Tariff</p> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table border="0"> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>complex</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | complex | | | | | | |
| children | NHMCode TariffNumber ChargedMass ExchangeRate Distance Fee FreightCharges | | | | | | |
| annotation | <p>documentation</p> <p>Freight Charges Section Tariff</p> | | | | | | |
| source | <pre> <xs:element name="Tariff" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges Section Tariff</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TariffNumber"> </pre> | | | | | | |

```

<xs:annotation>
  <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="6"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ChargedMass" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Charged mass [weight in kg]. As appropriate,
area in m2 or the volume of the wagon or goods in m3 if used as the basis
for charging.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="value">
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:minInclusive value="1"/>
            <xs:totalDigits value="8"/>
            <xs:fractionDigits value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="measure" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="kg"/>
            <xs:enumeration value="m2"/>
            <xs:enumeration value="m3"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ExchangeRate" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Exchange rate for amounts to be paid by the
consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:totalDigits value="18"/>
      <xs:fractionDigits value="3"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Distance" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tariff distance, expressed in km or zones,
between the stations or points corresponding to the beginning and end of the
charging section.</xs:documentation>
  
```

```
</xs:annotation>
<xs:complexType>
  <xs:choice>
    <xs:element name="KM">
      <xs:annotation>
        <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99999"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Zones">
      <xs:annotation>
        <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:choice>
</xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Supplements, fees, deductions</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:totalDigits value="4"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="FreightCharges" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges (paid and due)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:choice>
      <xs:element name="Prepaid" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Transferred" type="Money_Type">
        <xs:annotation>
```

| | |
|--|--|
| | <pre> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode**

| diagram |  <p>NHM code determining the charges applicable.</p> | | | | | | | | | |
|------------|---|------------|-------|------------|--------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | NHMCodeType | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | length | 6 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | |
| length | 6 | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | |
| annotation | <p>documentation</p> <p>NHM code determining the charges applicable.</p> | | | | | | | | | |
| source | <pre> <xs:element name="NHMCode" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code determining the charges applicable.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/TariffNumber**

| diagram |  <p>Customer agreement or tariff applied</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 6 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 6 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Customer agreement or tariff applied</p> | | | | | | | | | |
| source | <pre> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Customer agreement or tariff applied</xs:documentation></pre> | | | | | | | | | |

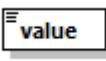
| | |
|--|--|
| | <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass**

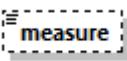
| | |
|------------|--|
| diagram | <p>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | value measure |
| annotation | <p>documentation</p> <p>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</p> |
| source | <pre> <xs:element name="ChargedMass" minOccurs="0"> <xs:annotation> <xs:documentation>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="measure"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

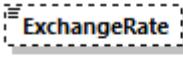
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/value**

| diagram |  | | | | | | | | | | | | |
|----------------|--|------------|-------|------------|--------------|---|--|-------------|---|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>8</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | totalDigits | 8 | | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minInclusive | 1 | | | | | | | | | | | | |
| totalDigits | 8 | | | | | | | | | | | | |
| fractionDigits | 1 | | | | | | | | | | | | |
| source | <pre><xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

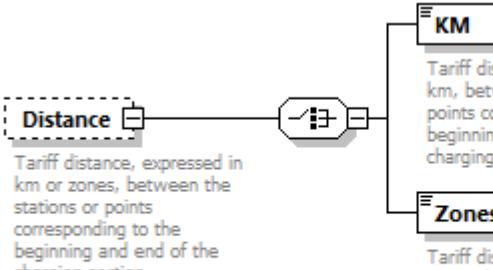
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/measure**

| diagram |  | | | | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|---------|--------|-------------|----|--|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | | | | |
| minOcc | 0 | | | | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | | | | |
| content | simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>kg</td> <td></td> </tr> <tr> <td>enumeration</td> <td>m2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>m3</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | kg | | enumeration | m2 | | enumeration | m3 | |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | kg | | | | | | | | | | | | |
| enumeration | m2 | | | | | | | | | | | | |
| enumeration | m3 | | | | | | | | | | | | |
| source | <pre><xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ExchangeRate**

| diagram |  <p>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</p> | | | | | | | | | |
|----------------|---|------------|-------|------------|-------------|----|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>3</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 18 | | fractionDigits | 3 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 18 | | | | | | | | | |
| fractionDigits | 3 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</p> | | | | | | | | | |
| source | <pre><xs:element name="ExchangeRate" minOccurs="0"> <xs:annotation> <xs:documentation>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance**

| | |
|------------|--|
| diagram |  <p>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | KM Zones |
| annotation | <p>documentation</p> <p>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</p> |

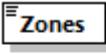
| | |
|--------|---|
| | the charging section. |
| source | <pre> <xs:element name="Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:choice> </xs:complexType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/KM**

| diagram |  <p>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</p> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |

| | |
|------------|---|
| annotation | documentation Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section. |
| source | <pre> <xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Distance/Zones**

| diagram |  <p>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</p> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | documentation Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section. | | | | | | | | | |
| source | <pre> <xs:element name="Zones"> <xs:annotation> <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Fee**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 1 totalDigits 4 |
| annotation | documentation Supplements, fees, deductions |
| source | <pre><xs:element name="Fee" minOccurs="0"> <xs:annotation> <xs:documentation>Supplements, fees, deductions</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="4"/> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges**

| | |
|------------|---|
| diagram | <pre>graph LR; FC[FreightCharges] --- Prepaid[Prepaid]; FC --- Transferred[Transferred]</pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | Prepaid Transferred |
| annotation | documentation Freight Charges (paid and due) |
| source | <pre><xs:element name="FreightCharges" minOccurs="0"> <xs:annotation> <xs:documentation>Freight Charges (paid and due)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation></pre> |

| | |
|--|--|
| | <pre> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:complexType> </xs:element></pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid**

| diagram | Prepaid Carriage charges to be paid by the consignor in the tariff currency. | | | | | | | | | |
|----------------|--|------------|-------|------------|-------------|----|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Money_Type | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 18 | | fractionDigits | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 18 | | | | | | | | | |
| fractionDigits | 2 | | | | | | | | | |
| annotation | documentation Carriage charges to be paid by the consignor in the tariff currency. | | | | | | | | | |
| source | <pre> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred**

| diagram | Transferred Carriage charges to be paid by the consignee in the tariff currency. | | | | | | | | | |
|----------------|--|------------|-------|------------|-------------|----|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Money_Type | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 18 | | fractionDigits | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 18 | | | | | | | | | |
| fractionDigits | 2 | | | | | | | | | |
| annotation | documentation Carriage charges to be paid by the consignee in the tariff currency. | | | | | | | | | |

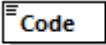
| | |
|--------|---|
| source | <pre><xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|---|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges**

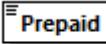
| | |
|------------|--|
| diagram | <pre> classDiagram class AdditionalCharges { <<0..10>> } class Code { <<Additional charges code>> } class Prepaid { <<Prepaid>> } class Transferred { <<Transferred>> } AdditionalCharges "0..10" --> Code : AdditionalCharges "0..10" --> Prepaid : AdditionalCharges "0..10" --> Transferred : </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 10 content complex |
| children | Code Prepaid Transferred |
| annotation | documentation Sum of Prepaid documentation Sum of Transferred |
| source | <pre><xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation/> <xs:documentation>Sum of Prepaid</xs:documentation> <xs:documentation>Sum of Transferred</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:choice> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Transferred" type="Money_Type"> <xs:annotation> </pre> |

| | |
|--|--|
| | <pre> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element> </xs:choice> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Code**

| diagram |  <p>Additional charges code</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 2 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Additional charges code</p> | | | | | | | | | |
| source | <pre> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid**

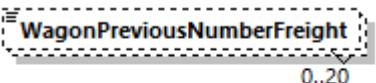
| diagram |  <p>Prepaid</p> | | | | | | | | | |
|----------------|--|------------|-------|------------|-------------|----|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Money_Type | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 18 | | fractionDigits | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 18 | | | | | | | | | |
| fractionDigits | 2 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Prepaid</p> | | | | | | | | | |
| source | <pre> <xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Prepaid</xs:documentation> </xs:annotation> </pre> | | | | | | | | | |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Money_Type |
| properties | content simple |
| facets | Kind Value Annotation totalDigits 18 fractionDigits 2 |
| annotation | documentation Transferred |
| source | <pre><xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Transferred</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight**

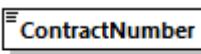
| | |
|------------|--|
| diagram |  0..20 Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of WagonIdent |
| properties | minOcc 0 maxOcc 20 content simple |
| facets | Kind Value Annotation length 12 maxLength 12 pattern [0-9]{12} |
| annotation | documentation Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey |
| source | <pre><xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WagonIdent"> <xs:length value="12"/> </xs:restriction> </xs:simpleType></pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **ContainerHandlingFlag**

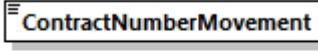
| | |
|------------|---|
| diagram |  <p>This establishment is able to handle container traffic</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element LocationPrimaryInformation |
| annotation | documentation This establishment is able to handle container traffic |
| source | <pre><xs:element name="ContainerHandlingFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>This establishment is able to handle container traffic</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ContractNumber**

| diagram |  <p>Number of agreement between LeadRU and Responsible RU</p> | | | | | | | | | |
|------------|--|---|-------|------------|-----------|---|---|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element WIMO Dataset/ConsignmentLevelData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | documentation has to be sent as n6 (with leading zeros if necessary) | maxLength | 6 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | documentation has to be sent as n6 (with leading zeros if necessary) | | | | | | | | |
| maxLength | 6 | | | | | | | | | |
| annotation | documentation Number of agreement between LeadRU and Responsible RU | | | | | | | | | |
| source | <pre><xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of agreement between LeadRU and Responsible RU</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **ContractNumberMovement**

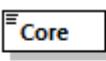
| diagram |  <p>Identifies the contract between LeadRU and RU involved in the transport</p> | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Identifies the contract between LeadRU and RU involved in the transport</p> | | | | | | | | | |
| source | <pre> <xs:element name="ContractNumberMovement" type="FreeText"> <xs:annotation> <xs:documentation>Identifies the contract between LeadRU and RU involved in the transport</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | |

element **CoordinatingIM**

| diagram |  <p>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.</p> | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |

| | |
|------------|---|
| annotation | documentation The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs. |
| source | <xs:element name="CoordinatingIM" type="CompanyCode"> <xs:annotation> <xs:documentation>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs. </xs:documentation> </xs:annotation> </xs:element> |

element **Core**

| diagram |  <p>It is the main part of identifier and is determent by the company that creates it.</p> | | | | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|----|--|-----------|----|--|------------|---------|--|---------|------------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| used by | complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>12</td> <td></td> </tr> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[\\-*0-9A-Z]{12}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 12 | | maxLength | 12 | | whiteSpace | replace | | pattern | [\\-*0-9A-Z]{12} | |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minLength | 12 | | | | | | | | | | | | | | | |
| maxLength | 12 | | | | | | | | | | | | | | | |
| whiteSpace | replace | | | | | | | | | | | | | | | |
| pattern | [\\-*0-9A-Z]{12} | | | | | | | | | | | | | | | |
| annotation | documentation It is the main part of identifier and is determent by the company that creates it. | | | | | | | | | | | | | | | |
| source | <xs:element name="Core"> <xs:annotation> <xs:documentation>It is the main part of identifier and is determent by the company that creates it.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="12"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="12"/> <xs:pattern value="[\\-*0-9A-Z]{12}"/> </xs:restriction> </xs:simpleType> </xs:element> | | | | | | | | | | | | | | | |

element **CountryCodeISO**

| | |
|------------|--|
| diagram |  CountryCodeISO Identifies a County or State by code (ISO 3166-1) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of CountryIdentISO |
| properties | content complex |
| used by | elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier_LocationFileDatasetMessage RollingRoadUnit/RollingRoadUnitDetails/Vehicles complexTypes CustomerCode_LocationIdent |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation Identifies a County or State by code (ISO 3166-1) |
| source | <pre><xs:element name="CountryCodeISO"> <xs:annotation> <xs:documentation>Identifies a County or State by code (ISO 3166-1)</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CountryIdentISO"/> </xs:simpleContent> </xs:complexType> </xs:element></pre> |

element **CreateDateTime**

| | |
|------------|---|
| diagram |  CreateDateTime Date and Time of creation of data |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Date and Time of creation of data |
| source | <pre><xs:element name="CreateDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of creation of data </xs:documentation> </xs:annotation> </xs:element></pre> |

element **Customer**

| | |
|-----------|---|
| diagram | <pre> classDiagram class Customer { <<Consignor or Consignee>> } class CustomerCode { <<extension>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class PrimaryCode class AdditionalCode class Type { <<Customer Type: CR Consignor, CE Consignee>> } class CustomerCode { <<CODE: Customer Code of the Contractual Carrier>> } class Name { <<Generic Name in Free Text>> } class AdditionalInformation { <<Additional Information supplied by Customer>> } class VAT { <<Value Added Tax>> } class POBox { <<P.O. Box>> } class StreetNumber { <<Street Number>> } class Street class Country { <<Country Code ISO>> } class ZIPCode { <<Postal Code>> } class City { <<City / Town>> } class Signature class Contacts { <<Contact information>> } class ContractualCarrierCode { <<Contractual Carrier Code>> } Customer < -- CustomerCode CustomerCode < -- CountryCodeISO CustomerCode < -- PrimaryCode CustomerCode < -- AdditionalCode CustomerCode < -- Type CustomerCode < -- CustomerCode CustomerCode < -- Name CustomerCode < -- AdditionalInformation CustomerCode < -- VAT CustomerCode < -- POBox CustomerCode < -- StreetNumber CustomerCode < -- Street CustomerCode < -- Country CustomerCode < -- ZIPCode CustomerCode < -- City CustomerCode < -- Signature CustomerCode < -- Contacts CustomerCode < -- ContractualCarrierCode </pre> <p>The diagram illustrates the structure of the Customer element. It starts with a Customer object (labeled "Consignor or Consignee") which inherits from a CustomerCode extension. This extension includes a CountryCodeISO attribute (described as identifying a county or state by code according to ISO 3166-1), a PrimaryCode attribute, and an AdditionalCode attribute. Below this, there is a list of attributes: Type (Customer Type: CR, Consignor, CE Consignee), CustomerCode (CODE: Customer Code of the Contractual Carrier), Name (Generic Name in Free Text), AdditionalInformation (Additional Information supplied by Customer), VAT (Value Added Tax), POBox (P.O. Box), StreetNumber (Street Number), Street, Country (Country Code ISO), ZIPCode (Postal Code), City (City / Town), Signature, Contacts (Contact information), and ContractualCarrierCode (Contractual Carrier Code).</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

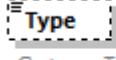
| | |
|------------|---|
| type | extension of CustomerCode |
| properties | content complex |
| children | CountryCodeISO PrimaryCode AdditionalCode Type CustomerCode Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts ContractualCarrierCode |
| used by | element WIMO Dataset/ConsignmentLevelData |
| annotation | documentation Consignor or Consignee |
| source | <pre> <xs:element name="Customer"> <xs:annotation> <xs:documentation>Consignor or Consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="CustomerCode"> <xs:sequence> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractual Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Name" minOccurs="0"/> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre> |

```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="25"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="POBox" minOccurs="0">
  <xs:annotation>
    <xs:documentation>P.O. Box</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="StreetNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Street Number</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Street</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Country" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Country Code ISO</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

```
        <xsmaxLength value="9"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
    <xs:annotation>
        <xs:documentation>City / Town</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xsmaxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Signature" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Signature</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xsmaxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Contacts" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Contact information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="PhonNumber" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Telephone Number</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xsmaxLength value="30"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element ref="FaxNumber" minOccurs="0"/>
            <xs:element ref="eMail" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ContractualCarrierCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Contractual Carrier Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

| | |
|--|---|
| | <pre> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element></pre> |
|--|---|

element **Customer/Type**

| | |
|------------|--|
| diagram |  <p>Customer Type: CR Consignor, CE Consignee</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation enumeration CR enumeration CE |
| annotation | documentation Customer Type: CR Consignor, CE Consignee |
| source | <pre> <xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/CustomerCode**

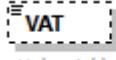
| | |
|------------|---|
| diagram |  <p>CODE: Customer Code of the Contractual Carrier</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 16 |
| annotation | documentation CODE: Customer Code of the Contractual Carrier |

| | |
|--------|--|
| source | <pre><xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractual Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|--|

element **Customer/AdditionalInformation**

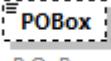
| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 45 |
| annotation | documentation Additional Information supplied by Customer |
| source | <pre><xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/VAT**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |

| | |
|------------|--|
| facets | Kind Value Annotation minLength 1 maxLength 25 |
| annotation | documentation Value Added Tax |
| source | <pre><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/POBox**

| | |
|------------|---|
| diagram |  P.O. Box |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation P.O. Box |
| source | <pre><xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/StreetNumber**

| | |
|-----------|---|
| diagram |  Street Number |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |

| | |
|------------|--|
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 5 |
| annotation | documentation Street Number |
| source | <pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Street Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/Street**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Street |
| source | <pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/Country**

| | |
|---------|--|
| diagram | |
|---------|--|

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation length 2 |
| annotation | documentation Country Code ISO |
| source | <pre><xs:element name="Country" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code ISO</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/ZIPCode**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 9 |
| annotation | documentation Postal Code |
| source | <pre><xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/City**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation City / Town |
| source | <pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City / Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/Signature**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Signature |
| source | <pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customer/Contacts**

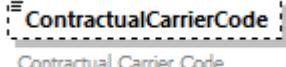
| | |
|------------|---|
| diagram | <pre> classDiagram class Contacts { <<Contact information>> } class PhonNumber { <<Telephone Number>> } class FaxNumber { <<Generic Fax number in Free text>> } class eMail { <<Generic eMail address in Free text>> } Contacts "1" -- "*" PhonNumber : Contacts "1" -- "*" FaxNumber : Contacts "1" -- "*" eMail : </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | PhonNumber FaxNumber eMail |
| annotation | documentation Contact information |
| source | <pre> <xs:element name="Contacts" minOccurs="0"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FaxNumber" minOccurs="0"/> <xs:element ref="eMail" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **Customer/Contacts/PhonNumber**

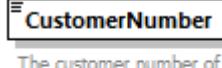
| | |
|------------|---|
| diagram | <pre> classDiagram class PhonNumber { <<Telephone Number>> } class Customer_Contacts_PhonNumber { <<restriction of PhonNumber>> } Customer_Contacts_PhonNumber < -- PhonNumber </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 |

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|
| | content simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 30 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 30 | | | | | | | | | |
| annotation | documentation Telephone Number | | | | | | | | | |
| source | <pre><xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **Customer/ContractualCarrierCode**

| | | | | | | | |
|------------|--|------------|-------|------------|--------|---------|--------|
| diagram |  <p>Contractual Carrier Code</p> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:string | | | | | | |
| properties | <table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | simple | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>4</td> <td></td> </tr> </table> | Kind | Value | Annotation | length | 4 | |
| Kind | Value | Annotation | | | | | |
| length | 4 | | | | | | |
| annotation | documentation Contractual Carrier Code | | | | | | |
| source | <pre><xs:element name="ContractualCarrierCode" minOccurs="0"> <xs:annotation> <xs:documentation>Contractual Carrier Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | |

element **CustomerNumber**

| | |
|-----------|--|
| diagram |  <p>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAf elem...</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements Customers LoadingFacility | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>16</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 16 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 16 | | | | | | | | | |
| annotation | <p>documentation</p> <p>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAf element</p> | | | | | | | | | |
| source | <pre><xs:element name="CustomerNumber"> <xs:annotation> <xs:documentation>The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAf element</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

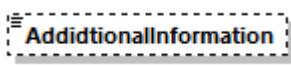
element **Customers**

| | |
|------------|--|
| diagram | <pre> classDiagram class CustomerType { CustomerNumber Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature } class Customers { <<Information about the consignor, consignee and freight payers.>> } CustomerType "1" -- "*" Customers </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | CustomerType CustomerNumber Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature AdministrativeContactInformation |
| used by | elements ConsignmentOrderMessage/COMS/COM WagonDeliveryNoticeMessage |
| annotation | documentation Information about the consignor, consignee and freight payers. |
| source | <pre> <xs:element name="Customers"> <xs:annotation> <xs:documentation>Information about the consignor, consignee and freight payers.</xs:documentation> </xs:annotation> </xs:element> </pre> |

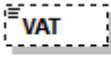
```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="CustomerType"/>
    <xs:element ref="CustomerNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>CustomerNumber</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="Name" minOccurs="0"/>
    <xs:element name="AddidtionalInformation" minOccurs="0"/>
    <xs:element name="VAT" minOccurs="0">
      <xs:annotation>
        <xs:documentation>VAT identification Nr of
customer</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="25"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="POBox" minOccurs="0">
      <xs:annotation>
        <xs:documentation>P.O. Box</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="StreetNumber" minOccurs="0">
      <xs:annotation>
        <xs:documentation>House number</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="5"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Street" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Street</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Country" type="CountryIdentISO" minOccurs="0">
      <xs:annotation>
```

| | |
|--|--|
| | <pre> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AdministrativeContactInformation"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

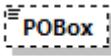
element **Customers/AddidtionalInformation**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 |
| source | <xs:element name="AddidtionalInformation" minOccurs="0"/> |

element **Customers/VAT**

| | |
|------------|--|
| diagram |  VAT identification Nr of customer |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 25 |
| annotation | documentation VAT identification Nr of customer |
| source | <pre><xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>VAT identification Nr of customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customers/POBox**

| | |
|------------|---|
| diagram |  P.O. Box |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation P.O. Box |
| source | <pre><xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **Customers/StreetNumber**

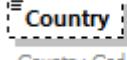
| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 5 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 5 | | | | | | | | | |
| annotation | documentation House number | | | | | | | | | |
| source | <pre><xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>House number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **Customers/Street**

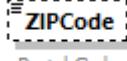
| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | documentation Street | | | | | | | | | |
| source | <pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

| | |
|--|--|
| | <pre> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **Customers/Country**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation Country Code (ISO Code) |
| source | <pre> <xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **Customers/ZIPCode**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 9 |
| annotation | documentation Postal Code |
| source | <pre> <xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </pre> |

| | |
|--|---------------|
| | </xs:element> |
|--|---------------|

element **Customers/City**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation City/Town |
| source | <pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Customers/Signature**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Signature |
| source | <pre><xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|--|
| | <pre><xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element **DangerousGoodsIndication**

| | |
|-----------|---|
| diagram | <pre> graph LR DG[DangerousGoodsIndication] --- DGType[DanGoodsType] subgraph DGType direction TB HIN[HazardIdentificationNumber] UN[UN_Number] DL[DangerLabel] RC[RID_Class] PG[PackingGroup] DW[DangerousGoodsWeight] DV[DangerousGoodsVolume] LQI[LimitedQuantityIndicator] end </pre> <p>DangerousGoodsIndication Identifies dangerous goods</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| type | DanGoodsType |
| properties | content complex |
| children | HazardIdentificationNumber UN Number DangerLabel RID Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator |
| used by | elements WIMO Dataset/ConsignmentLevelData PlannedTrainData RID WagonOperationalData |
| annotation | documentation Identifies dangerous goods |
| source | <pre><xs:element name="DangerousGoodsIndication" type="DanGoodsType"> <xs:annotation> <xs:documentation>Identifies dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre> |

element DangerousGoodsIndicator

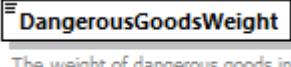
| | |
|------------|--|
| diagram | <p>The diagram shows a rectangular box with a double border. Inside, the text "DangerousGoodsIndicator" is written in a bold, black, sans-serif font.</p> |
| | <p>Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element TrainRunningData |
| annotation | documentation Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication |
| source | <pre><xs:element name="DangerousGoodsIndicator" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates whether Dangerous Goods are allowed (Yes/No Indicator) If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication</xs:documentation> </xs:annotation> </xs:element></pre> |

element DangerousGoodsVolume

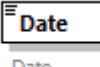
| | |
|------------|--|
| diagram | <p>The diagram shows a rectangular box with a double border. Inside, the text "DangerousGoodsVolume" is written in a bold, black, sans-serif font.</p> |
| | <p>The volume of the dangerous goods in cubic meters</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | VolumeValue |
| properties | content simple |
| used by | element SummaryOfGoodsWithSameRID |

| | |
|------------|--|
| annotation | documentation The volume of the dangerous goods in cubic meters |
| source | <xs:element name="DangerousGoodsVolume" type="VolumeValue"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element> |

element DangerousGoodsWeight

| | |
|------------|---|
| diagram |  The weight of dangerous goods in kilograms |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WeightValueKilo |
| properties | content simple |
| used by | elements Wagons/GoodsInWagon/RID_SummaryOfGoodsWithSameRID complexType DanGoodsType |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse |
| annotation | documentation The weight of dangerous goods in kilograms |
| source | <xs:element name="DangerousGoodsWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of dangerous goods in kilograms</xs:documentation> </xs:annotation> </xs:element> |

element Date

| | |
|------------|--|
| diagram |  Date |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| annotation | documentation Date |
| source | <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date</xs:documentation> </xs:annotation> </xs:element> |

element **DateLastOverhaul**

| | |
|------------|--|
| diagram |  DateLastOverhaul Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| used by | element RollingStockDataset/DesignDataSet |
| annotation | documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. |
| source | <pre><xs:element name="DateLastOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used. </xs:documentation> </xs:annotation> </xs:element></pre> |

element **DateNextOverhaul**

| | |
|------------|---|
| diagram |  DateNextOverhaul |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| source | <pre><xs:element name="DateNextOverhaul" type="xs:date"/></pre> |

element **DatePutIntoService**

| | |
|------------|---|
| diagram |  DatePutIntoService Original Date of first operation |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| used by | element RollingStockDataset/AdministrativeDataSet |
| annotation | documentation Original Date of first operation |
| source | <pre><xs:element name="DatePutIntoService" type="xs:date"> <xs:annotation> <xs:documentation>Original Date of first operation</xs:documentation> </xs:annotation> </xs:element></pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **DeclarationText**

| diagram | DeclarationText Additional Text for codes with free text | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 350 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 350 | | | | | | | | | |
| annotation | documentation Additional Text for codes with free text | | | | | | | | | |
| source | <pre> <xs:element name="DeclarationText"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **DelayCause**

| diagram | DelayCause This element identifies the reason for a delay (modified DelayReason) | | | | | | | | | | | | | | | |
|-------------|--|---|-------|------------|-------------|----|---|-------------|----|--|-------------|----|---|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | DelayCode | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| used by | elements DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>documentation Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wrong application of priority rules</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 11 | documentation Formation of trains if managed by infrastructure manager | enumeration | 10 | documentation Timetable compilation | enumeration | 12 | documentation Mistakes in operational procedures | enumeration | 13 | documentation Wrong application of priority rules |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| enumeration | 11 | documentation Formation of trains if managed by infrastructure manager | | | | | | | | | | | | | | |
| enumeration | 10 | documentation Timetable compilation | | | | | | | | | | | | | | |
| enumeration | 12 | documentation Mistakes in operational procedures | | | | | | | | | | | | | | |
| enumeration | 13 | documentation Wrong application of priority rules | | | | | | | | | | | | | | |

| | | |
|--|----------------|---|
| | enumeration 14 | |
| | enumeration 18 | documentation |
| | | Staff |
| | enumeration 19 | documentation |
| | | Other causes related to the operational planning and management |
| | enumeration 20 | documentation |
| | | Signalling installations |
| | enumeration 21 | documentation |
| | | Signalling installations at level crossings |
| | enumeration 22 | documentation |
| | | Telecommunication installations |
| | enumeration 23 | documentation |
| | | Power supply equipment |
| | enumeration 24 | documentation |
| | | Track |
| | enumeration 25 | documentation |
| | | Structures |
| | enumeration 28 | documentation |
| | | Staff |
| | enumeration 29 | documentation |
| | | Other causes related to infrastructure installations |
| | enumeration 31 | documentation |
| | | Irregularities in execution of construction work |
| | enumeration 30 | documentation |
| | | Planned construction work |
| | enumeration 32 | documentation |
| | | Speed restrictions due to defective track |
| | enumeration 39 | documentation |
| | | Other causes related to Civil engineering |
| | enumeration 40 | documentation |
| | | Delay caused by next IM |
| | enumeration 41 | documentation |
| | | Delay caused by previous IM |
| | enumeration 50 | documentation |
| | | exceeding the stop time |
| | enumeration 51 | documentation |
| | | Request of the RU |
| | enumeration 52 | documentation |
| | | Loading operations |
| | enumeration 53 | documentation |
| | | Loading irregularities |
| | enumeration 54 | documentation |
| | | Commercial preparation of the train |
| | enumeration 58 | documentation |
| | | Staff |
| | enumeration 59 | documentation |
| | | Other causes related to commercial causes |
| | enumeration 60 | documentation |
| | | Roster planning/re-rostering |
| | enumeration 61 | documentation |
| | | Formation of trains by the RU |
| | enumeration 62 | documentation |
| | | Problems affecting coaches |
| | enumeration 63 | documentation |
| | | Problems affecting wagons |
| | enumeration 64 | documentation |
| | | Problems affecting traction units |
| | enumeration 68 | documentation |
| | | Staff |
| | enumeration 69 | documentation |
| | | Other causes related to Rolling Stock |
| | enumeration 70 | documentation |
| | | Delay caused by next RU |

| | | |
|------------|--|--|
| | enumeration 71 | documentation Delay caused by previous RU |
| | enumeration 80 | documentation Strike |
| | enumeration 81 | documentation Administrative formalities |
| | enumeration 82 | documentation Outside influence |
| | enumeration 83 | documentation Effects of weather and natural causes |
| | enumeration 84 | documentation Delay caused by external reasons on the next network |
| | enumeration 89 | documentation Other external causes |
| | enumeration 90 | documentation Dangerous incidents, accidents and hazards |
| | enumeration 91 | documentation Track occupation caused by the lateness of the same train |
| | enumeration 92 | documentation Track occupation caused by the lateness of another train |
| | enumeration 93 | documentation Turn round |
| | enumeration 94 | documentation Connection |
| | enumeration 95 | documentation Further investigation needed |
| annotation | documentation This element identifies the reason for a delay (modified DelayReason) | |
| source | <pre><xs:element name="DelayCause" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for a delay (modified DelayReason)</xs:documentation> </xs:annotation> </xs:element></pre> | |

element **DelayCauseTime**

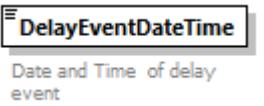
| | |
|------------|---|
| diagram | <pre> classDiagram class DelayCauseTime { <<Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)>> } class DelayCause { <<Describes the reason for a delay>> } class DelayMinutes { <<Identifies the delay (in minutes) of a train for a specified cause>> } class DelayEventDateTime { <<Date and Time of delay event>> } class InternalReferenceIdentifier { <<The link to the System Reference>> } class DelayCodingDateTime { <<Date and Time of the coding of the delay>> } class Remarks { <<Free Form Text>> } DelayCauseTime < -- DelayEventReport DelayCauseTime < -- DelayCause DelayCauseTime < -- DelayMinutes DelayCauseTime < -- DelayEventDateTime DelayCauseTime < -- InternalReferenceIdentifier DelayCauseTime < -- DelayCodingDateTime DelayCauseTime < -- Remarks </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | DelayCause DelayMinutes DelayEventDateTime InternalReferenceIdentifier DelayCodingDateTime Remarks |
| used by | element DelayEventReport |
| annotation | <p>documentation</p> <p>Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</p> |
| source | <pre> <xsd:element name="DelayCauseTime"> <xsd:annotation> <xsd:documentation>Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="DelayCause"> <xsd:annotation> <xsd:documentation>Describes the reason for a delay</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element ref="DelayMinutes"/> <xsd:element ref="DelayEventDateTime"/> <xsd:element ref="InternalReferenceIdentifier" minOccurs="0"> <xsd:annotation> <xsd:documentation>The link to the System Reference</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element ref="DelayCodingDateTime" minOccurs="0"> <xsd:annotation> </pre> |

| | |
|--|---|
| | <pre> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Remarks" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **DelayCodingDateTime**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element DelayCauseTime |
| annotation | documentation Date and Time of the coding of the delay |
| source | <pre> <xs:element name="DelayCodingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element></pre> |

element **DelayEventDateTime**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element DelayCauseTime |
| annotation | documentation Date and Time of delay event |
| source | <pre> <xs:element name="DelayEventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of delay event </xs:documentation> </xs:annotation> </xs:element></pre> |

element **DelayEventReport**

| | |
|------------|---|
| diagram | <pre> classDiagram class DelayEventReport { <<Provides the detailed information about a single delay event (Replaced DelayReasonReport)>> } class DelayLocation { <<Location where the Delay occurred>> } class TrainLocationStatus { <<Identifies the status of a train related to the actual time at a reporting point>> } class DelayCauseTime { <<Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)>> } class BookedLocationDateTime { <<Scheduled Date and Time of a train at a specified location as defined in the path contract>> } class ReferencedLocationDateTime { <<Reference to original planned Date and Time agreed by all involved IMs and RUs.>> } DelayEventReport "3" --> "1" DelayLocation : DelayEventReport "3" --> "1" TrainLocationStatus : DelayEventReport "3" --> "1" DelayCauseTime : DelayEventReport "0..1" --> "1" BookedLocationDateTime : DelayEventReport "0..1" --> "1" ReferencedLocationDateTime : </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | DelayLocation TrainLocationStatus DelayCauseTime BookedLocationDateTime ReferencedLocationDateTime |
| used by | element TrainDelayCauseMessage |
| annotation | <p>documentation</p> <p>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</p> |
| source | <pre> <xsd:element name="DelayEventReport"> <xsd:annotation> <xsd:documentation>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="DelayLocation"/> <xsd:element ref="TrainLocationStatus"/> <xsd:element ref="DelayCauseTime"/> <xsd:element ref="BookedLocationDateTime" minOccurs="0"> <xsd:annotation> <xsd:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element ref="ReferencedLocationDateTime" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

element **DelayLocation**

| | |
|------------|--|
| diagram | <pre> classDiagram class DelayLocation class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } DelayLocation --> LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| used by | element DelayEventReport |
| annotation | documentation Location where the Delay occurred |
| source | <pre> <xs:element name="DelayLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Location where the Delay occurred</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **DelayMinutes**

| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|
| diagram | <pre> classDiagram class DelayMinutes { <<Identifies the delay (in minutes) of a train for a specified cause>> } </pre> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | String1-5 | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element DelayCauseTime | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 5 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 5 | | | | | | | | | |
| annotation | documentation Identifies the delay (in minutes) of a train for a specified cause | | | | | | | | | |
| source | <pre> <xs:element name="DelayMinutes" type="String1-5"> <xs:annotation> <xs:documentation>Identifies the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | |

| | |
|--|--|
| | <pre><xs:documentation>Identifieis the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation> </xs:element></pre> |
|--|--|

element **DeliveryAtDestination**

| | |
|------------|---|
| diagram | <pre> classDiagram class DeliveryAtDestination { <<Place, Date and Time when the wagon is ready to be picked up by the customer>> } class Destination { <<Destination Location>> } class DeliveryTimeAtDestination { <<The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer>> } DeliveryAtDestination "2" --> Destination : DeliveryAtDestination "2" --> DeliveryTimeAtDestination : </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Destination DeliveryTimeAtDestination |
| used by | WagonDeliveryNoticeMessage |
| annotation | <p>documentation</p> <p>Place, Date and Time when the wagon is ready to be picked up by the customer</p> |
| source | <pre><xs:element name="DeliveryAtDestination"> <xs:annotation> <xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="DeliveryTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **DeliveryReference**

| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| diagram | <pre> classDiagram class DeliveryReference { <<>> } </pre> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | ILU_Details ITU_Details Wagons/WagonDetails | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 30 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 30 | | | | | | | | | |
| source | <pre><xs:element name="DeliveryReference"> <xs:annotation/> <xs:simpleType></pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:restriction base="xs:string"> <xsmaxLength value="30"/> <xsminLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **DeliveryTimeAtDestination**

| | |
|------------|---|
| diagram |  <p>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element DeliveryAtDestination |
| annotation | <p>documentation</p> <p>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</p> |
| source | <pre> <xs:element name="DeliveryTimeAtDestination" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</xs:documentation> </xs:annotation> </xs:element></pre> |

element **DeliveryTimeAtInterchange**

| | |
|------------|--|
| diagram |  <p>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element NextIntermediateDestination |
| annotation | <p>documentation</p> <p>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</p> |
| source | <pre> <xs:element name="DeliveryTimeAtInterchange" type="xs:dateTime"> <xs:annotation> <xs:documentation>The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element></pre> |

| | |
|--|--|
| | responsibility of the wagons will change to another RU</xs:documentation> </xs:annotation> </xs:element> |
|--|--|

element **DepartureInterchangeReport**

| | |
|------------|--|
| diagram | <pre> classDiagram class DepartureInterchangeReport { <<Departure or interchange station ETI Origin>> } class Location { <<Identifies a Location using a LocationIdent>> } class DepartureTimeAtLocation { <<the scheduled departure date and time at a defined location>> } class TrainID DepartureInterchangeReport --> Location DepartureInterchangeReport --> DepartureTimeAtLocation DepartureInterchangeReport --> TrainID </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location DepartureTimeAtLocation TrainID |
| used by | element WagonETI ETA Message |
| annotation | documentation Departure or interchange station ETI Origin |
| source | <pre> <xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Origin</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> <xs:element ref="TrainID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **DepartureJourneyTrack**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation</p> <p>Indicates the track ID on which the train will start its journey.</p> |
| source | <pre><xs:element name="DepartureJourneyTrack" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train will start its journey.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **DepartureTimeAtLocation**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | DepartureInterchangeReport WagonAtDeparture WagonPickupAtOrigin YardDeparture |
| annotation | <p>documentation</p> <p>the scheduled departure date and time at a defined location</p> |
| source | <pre><xs:element name="DepartureTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>the scheduled departure date and time at a defined location</xs:documentation> </xs:annotation> </xs:element></pre> |

element **DepartureTrackAtLocation**

| | |
|------------|---|
| diagram | <pre> classDiagram class DepartureTrackAtLocation class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } DepartureTrackAtLocation "1" -- "1" LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation</p> <p>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p> |
| source | <pre> <xs:element name="DepartureTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **Destination**

| | |
|------------|--|
| diagram | <pre> classDiagram class Destination { <<Destination Location>> } class LocationIdent { <<LocationIdent>> CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } Destination "1" --> "1" LocationIdent CountryCodeISO "Identifies a County or State by code (ISO 3166-1)" PrimaryLocationName "Location Name in an official language of the Country using the ISO Unicode alphabet" LocationSubsidiaryIdentification "Code, Name and allocation company of Subsidiary Location" </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>LocationIdent</u> |
| properties | content complex |
| children | <u>CountryCodeISO</u> <u>LocationPrimaryCode</u> <u>PrimaryLocationName</u> <u>LocationSubsidiaryIdentification</u> |
| used by | elements <u>ArrivalAtDestination</u> <u>WIMO Dataset/ConsignmentLevelData</u> <u>DeliveryAtDestination</u> |
| annotation | documentation Destination Location |
| source | <pre> <xs:element name="Destination" type="LocationIdent"> <xs:annotation> <xs:documentation>Destination Location</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **Dimensions**

| | |
|------------|--|
| diagram | <pre> classDiagram class Dimensions { <<Dimensions of the UTI.>> } class LengthCode { <<LengthCode>> Length Width Height } Dimensions "1" --> "1" LengthCode Length "Length of ITU." Width "Width of ITU" Height "Height of ITU" </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | <u>LengthCode</u> <u>Length</u> <u>Width</u> <u>Height</u> |

| | |
|------------|--|
| used by | elements ILU Details ITU Details |
| annotation | documentation Dimensions of the UTI. |
| source | <pre><xs:element name="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the UTI.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Length" minOccurs="0"/> <xs:element ref="Width" minOccurs="0"/> <xs:element ref="Height" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element Dimensions/LengthCode

| diagram |  <p>Length code according to UIC leaflet 592-2</p> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|----|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>10</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 10 | | totalDigits | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 10 | | | | | | | | | |
| totalDigits | 2 | | | | | | | | | |
| annotation | <p>documentation Length code according to UIC leaflet 592-2</p> <p>documentation CODE: UIC leaflet 592-2</p> | | | | | | | | | |
| source | <pre><xs:element name="LengthCode"> <xs:annotation> <xs:documentation>Length code according to UIC leaflet 592-2</xs:documentation> <xs:documentation>CODE: UIC leaflet 592-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"></pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:totalDigits value="2"/> <xs:minInclusive value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **DwellTime**

| diagram |  DwellTime The minimum duration of dwell time expressed in minutes | | | | | | |
|----------------|---|------------|-------|------------|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:decimal | | | | | | |
| properties | content simple | | | | | | |
| used by | element TimingAtLocation | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | |
| fractionDigits | 1 | | | | | | |
| annotation | documentation The minimum duration of dwell time expressed in minutes | | | | | | |
| source | <pre> <xs:element name="DwellTime"> <xs:annotation> <xs:documentation>The minimum duration of dwell time expressed in minutes</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | |

element **eMail**

| diagram |  eMail Generic eMail address in Free text | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | CommunicationRefID | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements AdministrativeContactInformation Customer/Contacts | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 70 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 70 | | | | | | | | | |
| annotation | documentation Generic eMail address in Free text | | | | | | | | | |
| source | <pre> <xs:element name="eMail" type="CommunicationRefID"> </pre> | | | | | | | | | |

| | |
|--|---|
| | <pre><xs:annotation> <xs:documentation>Generic eMail address in Free text</xs:documentation> </xs:annotation> </xs:element></pre> |
|--|---|

element **EmergencyBrakeOverride**

| | |
|------------|---|
| diagram | EmergencyBrakeOverride Ability of the whole train (all wagons and traction units) to override the emergency brake signal |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element PlannedTrainTechnicalData |
| annotation | documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal |
| source | <pre><xs:element name="EmergencyBrakeOverride" type="xs:boolean"> <xs:annotation> <xs:documentation>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</xs:documentation> </xs:annotation> </xs:element></pre> |

element **EndDate**

| | |
|------------|---|
| diagram | EndDate The end date/time in effect |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| annotation | documentation The end date/time in effect |
| source | <pre><xs:element name="EndDate" type="xs:date"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre> |

element **EndDateTime**

| | |
|-----------|---|
| diagram | EndDateTime The end date/time in effect |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| type | xs:dateTime |
| properties | content simple |
| used by | elements RequestedPeriod RequestedTimeframe ValidityPeriod |
| annotation | documentation The end date/time in effect |
| source | <pre><xs:element name="EndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre> |

element **EndLocation**

| | |
|------------|--|
| diagram | <pre> classDiagram class EndLocation class LocationIdent class CountryCodeISO class LocationPrimaryCode class PrimaryLocationName class LocationSubsidiaryIdentification EndLocation "End point of a section or segment" --> LocationIdent LocationIdent "LocationIdent" LocationIdent --> CountryCodeISO "Identifies a County or State by code (ISO 3166-1)" LocationIdent --> LocationPrimaryCode "LocationPrimaryCode" LocationIdent --> PrimaryLocationName "PrimaryLocationName" LocationIdent --> LocationSubsidiaryIdentification "Code, Name and allocation company of Subsidiary Location" </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation End point of a section or segment |
| source | <pre><xs:element name="EndLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>End point of a section or segment</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ErrorMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class ErrorMessage { <<This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.>> } class MessageHeader class MessageStatus class AdministrativeContactInformation class ErrorCauseReference { <<The reference to the message and its particular element(s) that caused the error is provided here>> <<Error>> } class PlannedTransportIdentifiers class TransportOperationalIdentifiers ErrorMessage --> MessageHeader ErrorMessage --> MessageStatus ErrorMessage --> AdministrativeContactInformation ErrorMessage --> ErrorCauseReference ErrorMessage --> PlannedTransportIdentifiers ErrorMessage --> TransportOperationalIdentifiers </pre> <p>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus AdministrativeContactInformation ErrorCauseReference Error PlannedTransportIdentifiers TransportOperationalIdentifiers |
| annotation | <p>documentation</p> <p>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p> |
| source | <pre> <xsd:element name="ErrorMessage"> <xsd:annotation> <xsd:documentation>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="MessageHeader"/> <xsd:element ref="MessageStatus"/> <xsd:element ref="AdministrativeContactInformation"/> <xsd:element name="ErrorCauseReference" minOccurs="0"> <xsd:annotation> <xsd:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:complexType> <xsd:sequence> <xsd:element ref="MessageReference"/> <xsd:element name="MessageSenderReference" type="FreeText"> </xsd:sequence> </xsd:complexType> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

| | |
|--|--|
| | <pre> minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FreeTextField"/> </xs:sequence> </pre> |
|--|--|

| | |
|--|--|
| | <pre> </xs:complexType> </xs:element> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element ErrorMessage/ErrorCauseReference

| | |
|------------|--|
| diagram | <p>The diagram illustrates the structure of the <code>ErrorCauseReference</code> element. It is represented by a rectangle with a dashed border. Two associations connect it to other elements: one to <code>MessageReference</code> (indicated by a solid line) and another to <code>MessageSenderReference</code> (indicated by a dashed line). A callout box labeled "This element identifies the message" points to the <code>MessageReference</code> association.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | MessageReference MessageSenderReference |
| annotation | <p>documentation</p> <p>The reference to the message and its particular element(s) that caused the error is provided here</p> |
| source | <pre> <xs:element name="ErrorCauseReference" minOccurs="0"> <xs:annotation> <xs:documentation>The reference to the message and its particular element(s) that caused the error is provided here</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element ErrorMessage/ErrorCauseReference/MessageSenderReference

| diagram | <p>The diagram shows the <code>MessageSenderReference</code> element, which is represented by a rectangle with a dashed border.</p> | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | FreeText | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | |
| Kind | Value | Annotation | | | | | |
| minLength | 1 | | | | | | |

| | |
|--------|---|
| | maxLength 255 |
| source | <xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/> |

element **ErrorMessage/Error**

| | | | | | | | |
|------------|---|--------|---|--------|-----------|---------|---------|
| diagram | <pre> graph LR subgraph TagReference [TagReference] direction TB TR[This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.] end subgraph TypeOfError [TypeOfError] direction TB TOE[It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)] end Error[Error 1..∞] --- Severity[Severity] ErrorCode[ErrorCode] FreeTextField[FreeTextField Free Text] </pre> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table border="1"> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> <tr> <td>content</td><td>complex</td></tr> </table> | minOcc | 1 | maxOcc | unbounded | content | complex |
| minOcc | 1 | | | | | | |
| maxOcc | unbounded | | | | | | |
| content | complex | | | | | | |
| children | TagReference TypeOfError Severity ErrorCode FreeTextField | | | | | | |
| source | <pre> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeOfError"> </pre> | | | | | | |

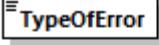
| | |
|--|--|
| | <pre> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.2 = ERROR: Message cannot be processed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level. "</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="FreeTextField"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ErrorMessage/Error/TagReference**

| | |
|-----------|--|
| diagram | <p>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:string |

| | |
|------------|--|
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation This is a placeholder for XPath expression indicating the element of the orginal message which caused the error. |
| source | <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.</xs:documentation> </xs:annotation> </xs:element> |

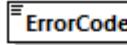
element **ErrorMessage/Error/TypeOfError**

| | |
|------------|---|
| diagram |  |
| | It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| facets | Kind Value Annotation enumeration 0 enumeration 1 enumeration 2 |
| annotation | documentation It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH) |
| source | <xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> |

element **ErrorMessage/Error/Severity**

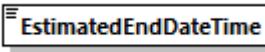
| diagram |  | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|---|--|-------------|---|--|
| | <p>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.</p> <p>2 = ERROR: Message cannot be processed.</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | | enumeration | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 1 | | | | | | | | | |
| enumeration | 2 | | | | | | | | | |
| annotation | <p>documentation</p> <p>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible.</p> <p>2 = ERROR: Message cannot be processed.</p> | | | | | | | | | |
| source | <pre><xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING: Message content, sequence or other parameters are off standard but (partial) processing has been possible. <p>2 = ERROR: Message cannot be processed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element></p></pre> | | | | | | | | | |

element **ErrorMessage/Error/ErrorCode**

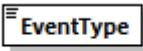
| diagram |  | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|------|--|
| | <p>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level."</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 9999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 9999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level."</p> | | | | | | | | | |

| | |
|--------|---|
| source | <pre><xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level."</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|---|

element **EstimatedEndDateTime**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| source | <pre><xs:element name="EstimatedEndDateTime" type="xs:dateTime"/></pre> |

element **EventType**

| diagram |  <small>Type of event</small> | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|-------|------------|-------------|----|---|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|---|-------------|----|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | |
| used by | element WagonStatusMessages/WagonStatusMessage/Event | | | | | | | | | | | | | | | | | | | | | |
| facets | <table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td>documentation Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>documentation Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.)</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 10 | documentation Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.) | enumeration | 20 | documentation Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.) | enumeration | 01 | documentation Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.) | enumeration | 04 | documentation Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.) | enumeration | 03 | documentation Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.) | enumeration | 13 | documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.) | | | | | | | | | | | | | | | | | | | | |
| enumeration | 20 | documentation Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.) | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.) | | | | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.) | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.) | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation | | | | | | | | | | | | | | | | | | | | |

| | | |
|------------|--|---|
| | enumeration 14 | Passed through (Wagon, being part of a running train, has passed through a location.) documentation |
| | enumeration 24 | Wagon Handed Over (RU informs other involved RU(s) that the wagon has been physically handed over to the next RU) (documentation |
| | enumeration 06 | Wagon Taken Over (RU informs other involved RU(s) that the wagon has been physically taken over from the previous RU.) documentation |
| | enumeration 16 | Wagon Journey Irregularity (RU informs other involved RU(s) that something irregular happened with the wagon or its load which requires action and may interrupt its transportation. Details about nature of the irregularity and its consequences are to be included too.) documentation |
| | enumeration 05 | Wagon Journey Recovered (RU informs other involved RU(s) that the wagon journey irregularity was recovered (e.g. wagon is repaired or load is fixed) documentation |
| | enumeration 15 | Wagon Reached Destination (Destination RU informs other involved RU(s) that the wagon arrived to destination station with a train.) documentation |
| | enumeration 60 | Wagon Delivered (Destination RU informs other involved RU(s) that the wagon has been delivered to un/loading place or to customer's siding.) documentation |
| | | GPS Location (Information about the position of the wagon) |
| annotation | documentation | Type of event |
| source | <pre> <xs:element name="EventType"> <xs:annotation> <xs:documentation>Type of event</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Wagon Ready To Pull (Based on information from customer or wagon keeper, the LRU not being the origin RU will inform the origin RU that the wagon (loaded or empty) can (or will be ready to) be pulled from the un/loading place or customer's siding.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation> Wagon Pulled (Origin RU informs other involved RU(s) that the wagon has been pulled from un/loading place or from customer's siding.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Wagon Left Origin (Origin RU informs other involved RU(s) that the wagon left with a train production departure station.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Wagon Arrival (RU informs other involved RU(s) that the wagon has arrived to station with a train.)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> | |

```
<xs:enumeration value="03">
  <xs:annotation>
    <xs:documentation>Wagon Departure (RU informs other involved RU(s) that the wagon has departed from station with a train.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Passed through (Wagon, being part of a running train, has passed through a location.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Wagon Handed Over (RU informs other involved RU(s) that the wagon has been physically handed over to the next RU)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Wagon Taken Over (RU informs other involved RU(s) that the wagon has been physically taken over from the previous RU.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation>Wagon Journey Irregularity (RU informs other involved RU(s) that something irregular happened with the wagon or its load which requires action and may interrupt its transportation. Details about nature of the irregularity and its consequences are to be included too.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Wagon Journey Recovered (RU informs other involved RU(s) that the wagon journey irregularity was recovered (e.g. wagon is repaired or load is fixed))</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
  <xs:annotation>
    <xs:documentation>Wagon Reached Destination (Destination RU informs other involved RU(s) that the wagon arrived to destination station with a train.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>Wagon Delivered (Destination RU informs other involved RU(s) that the wagon has been delivered to un/loading place or to customer's siding.)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="60">
  <xs:annotation>
```

| | |
|--|--|
| | <pre> <xs:documentation>GPS Location (Information about the position of the wagon)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element **ExceptionalGaugingCode**

| diagram | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element ExceptionalGaugingIdent | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>24</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 24 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 24 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Acceptance agreement number, based on guidelines of IM_Partner</p> | | | | | | | | | |
| source | <pre> <xs:element name="ExceptionalGaugingCode"> <xs:annotation> <xs:documentation>Acceptance agreement number, based on guidelines of IM_Partner</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **ExceptionalGaugingIdent**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | IM_Partner ExceptionalGaugingCode |
| used by | elements PlannedTrainData WagonOperationalData |

| | |
|------------|--|
| annotation | documentation Indicates that an exceptional Gauging is in the train or for the wagon |
| source | <pre><xs:element name="ExceptionalGaugingIdent"> <xs:annotation> <xs:documentation>Indicates that an exceptional Gauging is in the train or for the wagon </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element ref="ExceptionalGaugingCode"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element ExceptionalGaugingInd

| | |
|------------|--|
| diagram |  ExceptionalGaugingInd <p>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element TrainRunningData |
| annotation | documentation Indicates that an exceptional gauging is in the train or for the wagon - (true/false) |
| source | <pre><xs:element name="ExceptionalGaugingInd" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</xs:documentation> </xs:annotation> </xs:element></pre> |

element ExceptionalGaugingProfile

| | |
|------------|--|
| diagram |  ExceptionalGaugingProfile <p>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | element WagonOperationalData |
| facets | Kind Value Annotation minLength 7 |

| | |
|------------|--|
| | maxLength 7 |
| annotation | documentation Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N) |
| source | <pre><xs:element name="ExceptionalGaugingProfile"> <xs:annotation> <xs:documentation>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="7"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ExceptionPoint**

| | |
|------------|---|
| diagram | <pre> classDiagram class ExceptionPoint { <<Describes the interruption points with location and the time of the interruption>> } class Location { <<Identifies a Location using a LocationIdent>> } class ResponsibleRU { <<RU Responsible for the physical operation of the train or wagon>> } class WagonLocationStatus { <<Identifies the status of a wagon, related to the actual time at a reporting point>> } class ScheduledTimeAtLocation { <<Scheduled Date and Time at a location related to the status of the train or wagon at the given location>> } class ExceptionTimeAtLocation { <<The Date and Time when something unexpected happens during the transportation related to a location>> } ExceptionPoint --o Location ExceptionPoint --o ResponsibleRU ExceptionPoint --o WagonLocationStatus ExceptionPoint --o ScheduledTimeAtLocation ExceptionPoint --o ExceptionTimeAtLocation </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location ResponsibleRU WagonLocationStatus ScheduledTimeAtLocation ExceptionTimeAtLocation |
| annotation | documentation Describes the interruption points with location and the time of the interruption |
| source | <pre><xs:element name="ExceptionPoint"> <xs:annotation> <xs:documentation>Describes the interruption points with location and the time of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

```

<xs:element ref="ResponsibleRU"/>
<xs:element ref="WagonLocationStatus"/>
<xs:element ref="ScheduledTimeAtLocation"/>
<xs:element ref="ExceptionTimeAtLocation"/>
</xs:sequence>
</xs:complexType>
</xs:element>

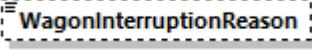
```

element **ExceptionReason**

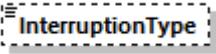
| | |
|------------|--|
| diagram | <p>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | WagonInterruptionReason InterruptionDescription InterruptionType |
| annotation | <p>documentation</p> <p>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p> |
| source | <pre> <xs:element name="ExceptionReason"> <xs:annotation> <xs:documentation>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"/> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|---|
| | <pre> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **ExceptionReason/WagonInterruptionReason**

| diagram |  | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|---------------|--|-------------|-----------------|--|-------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>wagon damaged</td> <td></td> </tr> <tr> <td>enumeration</td> <td>change of route</td> <td></td> </tr> <tr> <td>enumeration</td> <td>other</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | wagon damaged | | enumeration | change of route | | enumeration | other | |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | wagon damaged | | | | | | | | | | | | |
| enumeration | change of route | | | | | | | | | | | | |
| enumeration | other | | | | | | | | | | | | |
| source | <pre> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | |

element **ExceptionReason/InterruptionType**

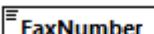
| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | minOcc 0 maxOcc 1 content simple |

| | | | |
|--------|---|---------------------------|--|
| facets | Kind length enumeration enumeration enumeration enumeration | Value 1 0 1 2 | Annotation documentation Damage does not cause an interruption of transport run documentation Damage causes an interruption of transport run documentation other (no damage) |
| source | <pre><xs:element name="InterruptionType" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:length value="1"/> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>other (no damage)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> | | |

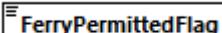
element **ExceptionTimeAtLocation**

| | |
|------------|---|
| diagram |  The Date and Time when something unexpected happens during the transportation related to a location |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element ExceptionPoint |
| annotation | documentation The Date and Time when something unexpected happens during the transportation related to a location |
| source | <pre><xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time when something unexpected happens during the transportation related to a location</xs:documentation> </xs:annotation> </xs:element></pre> |

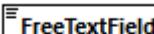
element **FaxNumber**

| | |
|------------|--|
| diagram |  FaxNumber Generic Fax number in Free text |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CommunicationRefID |
| properties | content simple |
| used by | elements AdministrativeContactInformation Customer/Contacts |
| facets | Kind Value Annotation minLength 1 maxLength 70 |
| annotation | documentation Generic Fax number in Free text |
| source | <pre><xs:element name="FaxNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Fax number in Free text</xs:documentation> </xs:annotation> </xs:element></pre> |

element **FerryPermittedFlag**

| | |
|------------|---|
| diagram |  FerryPermittedFlag |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element RollingStockDataset/DesignDataSet |
| source | <pre><xs:element name="FerryPermittedFlag" type="xs:boolean"/></pre> |

element **FreeTextField**

| | |
|------------|--|
| diagram |  FreeTextField Free Text |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| used by | elements AdministrativeContactInformation ErrorMessage/Error PathCanceledMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage PlannedJourneyLocation complexType TrainActivityType |
| facets | Kind Value Annotation minLength 1 maxLength 255 |

| | |
|------------|--|
| annotation | documentation Free Text |
| source | <pre><xs:element name="FreeTextField" type="FreeText"> <xs:annotation> <xs:documentation>Free Text</xs:documentation> </xs:annotation> </xs:element></pre> |

element FreightFlag

| | |
|------------|---|
| diagram |  <p>Identifies that the Entity or Location is for Freight Activity</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element LocationPrimaryInformation |
| annotation | documentation Identifies that the Entity or Location is for Freight Activity |
| source | <pre><xs:element name="FreightFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Freight Activity</xs:documentation> </xs:annotation> </xs:element></pre> |

element GeographicalCoordinates

| | |
|------------|---|
| diagram |  <p>Longitude and latitude as defined in UIC Leafle 920-2</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:string |
| properties | content simple |
| annotation | documentation Longitude and latitude as defined in UIC Leafle 920-2 |
| source | <pre><xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leafle 920-2</xs:documentation> </xs:annotation> </xs:element></pre> |

element **GeographicCoordinates**

| | |
|------------|---|
| diagram | <p>Latitude SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</p> <p>Longitude If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</p> <p>Altitude Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</p> <p>SRID ID of coordinates system used (EPSG code)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Latitude Longitude Altitude SRID |
| used by | elements GNSS DynamicPosition LocationPrimaryInformation LocationSubsidiaryInformation |
| annotation | <p>documentation</p> <p>Latitude and Longitude of location</p> |
| source | <pre><xs:element name="GeographicCoordinates"> <xs:annotation> <xs:documentation>Latitude and Longitude of location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Latitude"> <xs:annotation> <xs:documentation>SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Longitude"> <xs:annotation> <xs:documentation>If SRID field has not been fulfilled, value of this field will be considered as in WGS84 norm</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Altitude" minOccurs="0"/> <xs:element ref="SRID" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **GeoLocalisation**

| | |
|------------|---|
| diagram | <pre> classDiagram class GeoLocalisation { <<Geolocation that may be between two identified locations.>> } class GNSS_DynamicPosition { <<GNSS DynamicPosition>> } class LocalisationPrecision { <<Precision of the position. Expressed in metres.>> } GeoLocalisation "2" -- "1" GNSS_DynamicPosition GeoLocalisation "2" -- "1" LocalisationPrecision </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | GNSS DynamicPosition LocalisationPrecision |
| used by | element GeoLocalisationOnNetwork |
| annotation | <p>documentation</p> <p>Geolocalisation that may be between two identified locations.</p> |
| source | <pre> <xss:element name="GeoLocalisation"> <xss:annotation> <xss:documentation>Geolocalisation that may be between two identified locations. </xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="GNSS_DynamicPosition"/> <xss:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xss:annotation> <xss:documentation>Precision of the position. Expressed in metres.</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre> |

element **GeoLocalisation/LocalisationPrecision**

| | |
|------------|--|
| diagram | <pre> classDiagram class LocalisationPrecision { <<Precision of the position. Expressed in metres.>> } </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:float |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | <p>documentation</p> <p>Precision of the position. Expressed in metres.</p> |
| source | <pre> <xss:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xss:annotation> <xss:documentation>Precision of the position. Expressed in metres.</xss:documentation> </xss:annotation> </xss:element> </pre> |

element **GeoLocalisationOnNetwork**

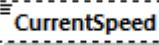
| | |
|------------|---|
| diagram | <p>Geolocalisation information crossed with network data.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | GeoLocalisation NetworkProjectedLocation |
| used by | element TrainLocationReport |
| annotation | <p>documentation</p> <p>Geolocalisation information crossed with network data.</p> |
| source | <pre><xs:element name="GeoLocalisationOnNetwork"> <xs:annotation> <xs:documentation>Geolocalisation information crossed with network data.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GeoLocalisation" minOccurs="0"/> <xs:element ref="NetworkProjectedLocation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **GNSS_DynamicPosition**

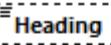
| | |
|---------|---|
| diagram | |
| | <p>GeographicCoordinates [+]</p> <p>Latitude and Longitude of location</p> <p>CurrentSpeed</p> <p>Heading</p> <p>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</p> <p>AntennaDistanceFromFrontOfTrain</p> <p>Distance of the defined coordinates from the front of the train, in meters.</p> <p>SignalQuality [+]</p> <p>Indicates satellite communication signal quality</p> |

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | GeographicCoordinates CurrentSpeed Heading AntennaDistanceFromFrontOfTrain SignalQuality |
| used by | element GeoLocalisation |
| source | <pre> <xs:element name="GNSS_DynamicPosition"> <xs:complexType> <xs:sequence> <xs:element ref="GeographicCoordinates"/> <xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/> <xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of the defined coordinates from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SignalQuality" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates satellite communication signal quality</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

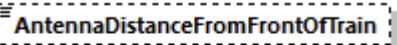
element **GNSS_DynamicPosition/CurrentSpeed**

| | |
|------------|---|
| diagram |  CurrentSpeed |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Speed |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 001 maxInclusive 999 |
| source | <code><xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/></code> |

element **GNSS_DynamicPosition/Heading**

| | |
|------------|---|
| diagram |  Heading Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:integer |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West) |
| source | <code><xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element></code> |

element **GNSS_DynamicPosition/AntennaDistanceFromFrontOfTrain**

| | |
|------------|---|
| diagram |  AntennaDistanceFromFrontOfTrain Distance of the defined coordinates from the front of the train, in meters. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:float |
| properties | minOcc 0 maxOcc 1 |

| | |
|------------|--|
| | content simple |
| annotation | documentation Distance of the defined coordinates from the front of the train, in meters. |
| source | <pre><xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Distance of the defined coordinates from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **GNSS_DynamicPosition/SignalQuality**

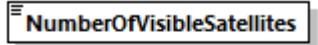
| | |
|------------|--|
| diagram | <p>The diagram illustrates the relationship between three elements: SignalQuality, SatelliteHDOP, and NumberOfVisibleSatellites. SignalQuality is shown as a dashed box with a line connecting it to both SatelliteHDOP and NumberOfVisibleSatellites. SatelliteHDOP is described as HDOP = Horizontal Dilution Of Precision, a parameter used to describe the strength of the current satellite configuration or geometry, and its impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g., Latitude and Longitude). Smaller values indicate better precision, while larger values indicate worse precision. Values less than 1 are the best, values from 2 - 5 are good, and values greater than 10 indicate bad quality. NumberOfVisibleSatellites is described as indicating the number of satellites being used in the position solution. Greater values indicate better quality.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | SatelliteHDOP NumberOfVisibleSatellites |
| annotation | documentation Indicates satellite communication signal quality |
| source | <pre><xs:element name="SignalQuality" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates satellite communication signal quality</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and its impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value</pre> |

| | |
|--|---|
| | <p>indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality</p> <pre></xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **GNSS_DynamicPosition/SignalQuality/SatelliteHDOP**

| | |
|------------|---|
| diagram |  <p>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:decimal |
| properties | content simple |
| annotation | <p>documentation</p> <p>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality</p> |
| source | <pre><xs:element name="SatelliteHDOP" type="xs:decimal"> <xs:annotation> <xs:documentation>HDOP = Horizontal Dilution Of Precision. Parameter used to describe the strength of the current satellite configuration, or geometry, and it's impact on the accuracy of the data collected by a GNSS receiver at the time of use. HDOP provides a measure of accuracy in 2-D position (e.g. Latitude and Longitude). Smaller value indicates better precision. Values less than 1 are the best. Values from 2 - 5 are good. Values greater 10 indicate bad quality </xs:documentation> </xs:annotation> </xs:element></pre> |

element **GNSS_DynamicPosition/SignalQuality/NumberOfVisibleSatellites**

| | |
|------------|--|
| diagram |  |
| | Indicates the number of satellites being used in the position solution. Greater value indicates better quality. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:integer |
| properties | content simple |
| annotation | documentation Indicates the number of satellites being used in the position solution. Greater value indicates better quality. |
| source | <pre><xs:element name="NumberOfVisibleSatellites" type="xs:integer"> <xs:annotation> <xs:documentation>Indicates the number of satellites being used in the position solution. Greater value indicates better quality.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **Goods**

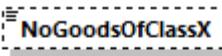
| | |
|-----------|--|
| diagram | <pre> graph LR Goods[Goods] --- Boundary(()) subgraph Boundary [] direction TB NGCX[NoGoodsOfClassX] RID[RID] RIC[RID_Checking] P[Packing] NHM[NHM_Code] PLG[PreviousLoadedGood] GD[GoodsDescription] AGI[AdditionalGoodInformation] GW[GrossWeight] HS[HS_Code] EWC[EWC_Key] end Goods --- Boundary </pre> <p>Goods Describes the goods inside the means of transport</p> <p>NoGoodsOfClassX Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p> <p>RID The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</p> <p>RID_Checking When RID DG is transported in the train the RU can transmit here the RID check results from the Carrier, Loader, Filler and Unloader (these 4 actors are defined in the RID section "1.4 Safety obligations of the participants").</p> <p>Packing Packing information</p> <p>NHM_Code NHM code of the goods</p> <p>PreviousLoadedGood</p> <p>GoodsDescription This element describes the goods of the shipment as free text</p> <p>AdditionalGoodInformation Additional information regarding the loaded good, given by the customer.</p> <p>GrossWeight Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</p> <p>HS_Code HS-Code for sensible goods (appendix 44c of cop) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p> <p>EWC_Key Numeric key according to the European Waste Catalogue</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | NoGoodsOfClassX RID RID Checking Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key |
| used by | elements WIMO Dataset / ConsignmentLevelData ILU ITU RollingRoadUnit |
| annotation | documentation Describes the goods inside the means of transport |
| source | <pre> <xs:element name="Goods"> <xss:annotation> <xss:documentation>Describes the goods inside the means of transport</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xss:annotation> <xss:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xss:documentation> </xss:annotation> <xss:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xss:simpleType> </xs:element> <xs:element ref="RID" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="RID_Checking"> <xss:annotation> <xss:documentation>When RID DG is transported in the train the RU can transmit here the RID check results from the Carrier, Loader, Filler and Unloader (these 4 actors are defined in the RID section "1.4 Safety obligations of the participants").</xss:documentation> </xss:annotation> </xs:element> </xs:sequence> <xs:element name="Packing" minOccurs="0"> <xss:annotation> <xss:documentation>Packing information</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xss:annotation> <xss:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xss:documentation> <xss:documentation>CODE: UN/ECE-Recommendation No. 21</xss:documentation> </xss:annotation> <xss:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xss:simpleType> </xs:element> </xss:sequence> </xss:complexType> </xs:element> </xss:sequence> </xss:complexType> </xs:element></pre> |

```
</xs:element>
<xs:element name="NumberOfPackages" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Number of packages.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:int">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="99999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
  <xs:annotation>
    <xs:documentation>Particular marks and numbers to identify
less than wagon load assignments.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="35"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code" minOccurs="0"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
  <xs:annotation>
    <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="6"/>
      <xs:maxLength value="10"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
```

| | |
|--|---|
| | <pre> </xs:simpleType> </xs:element> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **Goods/NoGoodsOfClassX**

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---------|--------|-----------|---|--|
| diagram |  <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>minLength</td><td>1</td><td></td></tr> <tr> <td>maxLength</td><td>4</td><td></td></tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 4 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 4 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p> | | | | | | | | | |
| source | <pre> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **Goods/Packing**

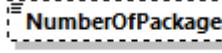
| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | NatureOfPacking NumberOfPackages PackageIdentification |
| annotation | documentation Packing information |
| source | <pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> </pre> |

| | |
|--|---|
| | <pre> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xsmaxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **Goods/Packing/NatureOfPacking**

| diagram |  <p>Nature of packing according to the UN/ECE Recommandation No 21</p> | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 2 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Nature of packing according to the UN/ECE Recommandation No 21</p> <p>documentation</p> <p>CODE: UN/ECE-Recommendation No. 21</p> | | | | | | | | | |
| source | <pre> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommandation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xsmaxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **Goods/Packing/NumberOfPackages**

| | |
|---------|--|
| diagram |  <p>Number of packages.</p> |
|---------|--|

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99999 |
| annotation | documentation Number of packages. |
| source | <pre><xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

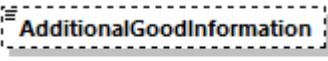
element Goods/Packing/Packageldentification

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 99 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Particular marks and numbers to identify less than wagon load assignments. |
| source | <pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Goods/PreviousLoadedGood**

| | |
|------------|---|
| diagram |  PreviousLoadedGood |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | NHMCodeType |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation length 6 pattern \d*[1-9]\d* |
| source | <code><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></code> |

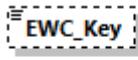
element **Goods/AdditionalGoodInformation**

| | |
|------------|--|
| diagram |  AdditionalGoodInformation Additional information regarding the loaded good, given by the customer. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation Additional information regarding the loaded good, given by the customer. |
| source | <code><xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></code> |

element **Goods/HS_Code**

| diagram |  | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|---------|-------------|--|
| | <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p> | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | |
| properties | <p>minOcc 0 maxOcc 1 content simple</p> | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>6</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 6 | | maxLength | 10 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 6 | | | | | | | | | | | | |
| maxLength | 10 | | | | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

element **Goods/EWC_Key**

| diagram |  | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| | <p>Numeric key according to the European Waste Catalogue</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <p>minOcc 0 maxOcc 1 content simple</p> | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>6</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 2 | | maxLength | 6 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 2 | | | | | | | | | |
| maxLength | 6 | | | | | | | | | |

| | |
|------------|---|
| | pattern \d* |
| annotation | <p>documentation Numeric key according to the European Waste Catalogue</p> <p>documentation CODE: European waste catalogue (EWC) 2000/532/EC</p> |
| source | <pre><xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element GoodsDescription

| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|-----|--|
| diagram |  <p>This element describes the goods of the shipment as free text</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements Goods Wagons/GoodsInWagon | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | <p>documentation This element describes the goods of the shipment as free text</p> | | | | | | | | | |
| source | <pre><xs:element name="GoodsDescription" type="FreeText"> <xs:annotation> <xs:documentation>This element describes the goods of the shipment as free text</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **GoodsInWagon**

| | |
|------------|---|
| diagram | <pre> classDiagram class GoodsInWagon class NHM_Code class GrossWeight class ContainerNumber class GoodsInContainer GoodsInWagon "1" -- "0..99" NHM_Code GoodsInWagon "1" -- "0..99" GrossWeight GoodsInWagon "1" -- "0..99" ContainerNumber </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | NHM Code GrossWeight ContainerNumber GoodsInContainer |
| used by | element WagonInformation |
| annotation | documentation Goods |
| source | <pre> <xs:element name="GoodsInWagon"> <xs:annotation> <xs:documentation>Goods</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code"/> <xs:element ref="GrossWeight" minOccurs="0"/> <xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/> <xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **GoodsInWagon/ContainerNumber**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | EquipmentNumberType |
| properties | minOcc 0 maxOcc 1 |

| | | | | | | | | | | |
|-----------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| | content simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 13 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 13 | | | | | | | | | |
| source | <pre><xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/></pre> | | | | | | | | | |

element **GoodsInWagon/GoodsInContainer**

| | | | | | | | |
|------------|---|--------|---|--------|----|---------|---------|
| diagram | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>99</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </table> | minOcc | 0 | maxOcc | 99 | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | 99 | | | | | | |
| content | complex | | | | | | |
| children | NHM Code GrossWeight | | | | | | |
| source | <pre><xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" minOccurs="0"/> <xs:element ref="GrossWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> | | | | | | |

element **GrossWeight**

| | | | | | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|--------|--|------------|----------|--|
| diagram | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | WeightValueKilo | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 999999 | | whiteSpace | collapse | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | |
| maxInclusive | 999999 | | | | | | | | | | | | |
| whiteSpace | collapse | | | | | | | | | | | | |
| annotation | documentation Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including | | | | | | | | | | | | |

| | |
|--------|--|
| | packing |
| source | <pre><xs:element name="GrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</xs:documentation> </xs:annotation> </xs:element></pre> |

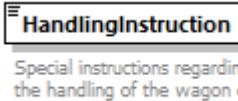
element **HandBrake**

| | |
|------------|--|
| diagram | <pre> classDiagram class HandBrake { HandBrakeType HandBrakedWeight ParkingBrakeForce } class HandBrakeType { Classification of hand brake } class HandBrakedWeight { Braked weight of the hand brake in tons } class ParkingBrakeForce { Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message. } HandBrake "1" --> "1" HandBrakeType HandBrake "1" --> "1" HandBrakedWeight HandBrake "1" --> "1" ParkingBrakeForce </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | HandBrakeType HandBrakedWeight ParkingBrakeForce |
| used by | element RollingStockDataset/DesignDataSet |
| source | <pre><xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

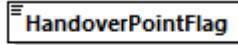
element **HandBrake/HandBrakedWeight**

| | | | | | | | | | | |
|----------------|--|------------|-------|------------|-------------|---------|--------|----------------|---|--|
| diagram |  | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </table> | Kind | Value | Annotation | totalDigits | 4 | | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 4 | | | | | | | | | |
| fractionDigits | 1 | | | | | | | | | |
| annotation | documentation Braked weight of the hand brake in tons | | | | | | | | | |
| source | <pre><xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

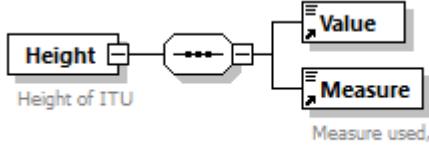
element **HandlingInstruction**

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| diagram |  | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | documentation Special instructions regarding the handling of the wagon or shipment in free text | | | | | | | | | |
| source | <pre><xs:element name="HandlingInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the handling of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **HandoverPointFlag**

| | |
|------------|---|
| diagram |  |
| | Identifies if the location is a Handover Point from IM to IM |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| used by | element LocationPrimaryInformation |
| annotation | documentation Identifies if the location is a Handover Point from IM to IM |
| source | <pre><xs:element name="HandoverPointFlag"> <xs:annotation> <xs:documentation>Identifies if the location is a Handover Point from IM to IM</xs:documentation> </xs:annotation> </xs:element></pre> |

element **Height**

| | |
|------------|---|
| diagram |  Height of ITU |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Value Measure |
| used by | element Dimensions complexType DimensionValue |
| annotation | documentation Height of ITU |
| source | <pre><xs:element name="Height"> <xs:annotation> <xs:documentation>Height of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **HighestPlannedSpeed**

| | |
|---------|---|
| diagram |  |
| | IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction |

| | | | |
|------------|---|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | Speed | | |
| properties | content simple | | |
| used by | element PlannedTrainTechnicalData | | |
| facets | Kind | Value | Annotation |
| | minInclusive | 001 | |
| | maxInclusive | 999 | |
| annotation | documentation IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction | | |
| source | <pre><xs:element name="HighestPlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA (Responsible applicant) on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element></pre> | | |

element Identifiers

| diagram | <pre> classDiagram class TAFTSI1 { <<TransportInformation>> } class TAFTSI2 { <<Identifiers>> <<RelatedPlanets>> } class TAFTSI3 { <<Identifiers>> <<RelatedPlanets>> } class TAFTSI3_4 { <<Identifiers>> <<RelatedPlanets>> <<RelatePlanets>> } TAFTSI1 --> TAFTSI2 TAFTSI2 --> TAFTSI3 TAFTSI3 --> TAFTSI3_4 TAFTSI3_4 "2..1" --> TAFTSI3_4 : RelatePlanets </pre> |
|-----------|--|
| namespace | <p>http://www.era.europa.eu/schemes/TAFTSI/3.4</p> |

| | |
|------------|--|
| properties | content complex |
| children | PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers ReasonOfReference |
| used by | elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage |
| source | <pre><xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element ref="RelatedPlannedTransportIdentifiers"/> <xs:element ref="ReasonOfReference" minOccurs="0"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ILU**

| | |
|------------|--|
| diagram | <p>The diagram illustrates the structure of the ILU element. It starts with a solid box labeled "ILU". A horizontal line connects it to a dashed box. Inside the dashed box are four sub-elements: "ILU_Details", "LoadingTackles", "Goods", and "SummaryOfGoodsWithSameRID". Each sub-element is preceded by a small square icon with a plus sign.</p> <p>ILU Describes the type and content of an IntermodalTransportUnit</p> <p>ILU_Details Details for Intermodal Transport Unit on wagon</p> <p>LoadingTackles 0.99 Describes the loading tackles used inside the unit</p> <p>Goods 0.99 Describes the goods inside the means of transport</p> <p>SummaryOfGoodsWithSameRID 0.25 This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propriership name in the wagon. The added amount of the dangerous goods are to be stored here</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | ILU Details LoadingTackles Goods SummaryOfGoodsWithSameRID |
| used by | element Wagons/GoodsInWagon |
| annotation | documentation Describes the type and content of an IntermodalTransportUnit |
| source | <pre><xs:element name="ILU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType></pre> |

| | |
|--|---|
| | <pre><xs:sequence> <xs:element ref="ILU_Details"> <xs:annotation> <xs:documentation>Details for Intermodal Transport Unit on wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside the unit</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Goods" minOccurs="0" maxOccurs="99"/> <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **ILU_Details**

| | |
|-----------|---|
| diagram | <p>ILU_Details [] Details for ILU on wagon</p> <p>Ship [] Additional information for transports, which shall be handed over to a ship</p> <p>LoadUnitNumber [] ILU number</p> <p>LoadingStatus [] Loading status of the equipment. 0=Empty, 1=Loaded</p> <p>ILU_TypeDetail []</p> <p>Dimensions [+] Dimensions of the ILU.</p> <p>TareWeight [] Tare weight [kg] of ILU.</p> <p>SwapBodyCodification [] Codification used for swap bodies according to UIC/UIRR regulations</p> <p>Forwarding [] Final destination of the ILU.</p> <p>TurnInNumber [] Reference number used for empty containers in depots of shipping company.</p> <p>AdditionalInformationILU [] Additional information</p> <p>DeliveryReference []</p> <p>OriginCountry [] Code of origin country of the ILU.</p> <p>DepartureCountry [] Code of departure country of the ILU.</p> <p>UltimateDestinationCountry [] Country of Ultimate Destination</p> <p>Seals [] Describes the seals used for the consignment</p> <p>ReferenceNumbers [+] This element contains references according to NC15 or EMCS law. This element MUST NOT be empty!</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | ILU Type LoadUnitNumber LoadingStatus ILU_TypeDetail Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber AdditionalInformation ILU_DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers |
| used by | element ILU |
| annotation | documentation Details for ILU on wagon |
| source | <pre> <xs:element name="ILU_Details"> <xs:annotation> <xs:documentation>Details for ILU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ILU_Type"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=trucks</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element ref="ILU_TypeDetail"/> <xs:element ref="Dimensions"> <xs:annotation> <xs:documentation>Dimensions of the ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the ILU.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

```
        <xs:minLength value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
<xs:element ref="Ship" minOccurs="0">
  <xs:annotation/>
</xs:element>
<xs:element name="TurnInNumber" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="30"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="AdditionalInformationILU" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Additional information </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of origin country of the ILU.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of departure country of the ILU.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="UltimateDestinationCountry" minOccurs="0"/>
<xs:element ref="Seals" minOccurs="0"/>
<xs:element ref="ReferenceNumbers" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **ILU_Details/LoadUnitNumber**

| | |
|------------|--|
| diagram |  LoadUnitNumber <small>ILU number</small> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LoadUnitNumberType |
| properties | content simple |
| facets | Kind Value Annotation whiteSpace replace pattern [A-Za-z0-9]{11} |
| annotation | documentation ILU number |
| source | <pre><xs:element name="LoadUnitNumber" type="LoadUnitNumberType"> <xs:annotation> <xs:documentation>ILU number</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ILU_Details/TareWeight**

| | |
|------------|---|
| diagram |  TareWeight <small>Tare weight [kg] of ILU.</small> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WeightValueKilo |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse |
| annotation | documentation Tare weight [kg] of ILU. |
| source | <pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of ILU.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ILU_Details/SwapBodyCodification**

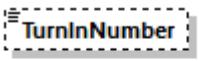
| | |
|-----------|---|
| diagram |  SwapBodyCodification <small>Codification used for swap bodies according to UIC/UIRR regulations</small> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |

| | |
|------------|--|
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 3 maxLength 4 |
| annotation | documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE: |
| source | <pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

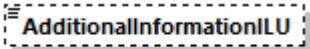
element ILU_Details/Forwarding

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 80 |
| annotation | documentation Final destination of the ILU. |
| source | <pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the ILU.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ILU_Details/TurnInNumber**

| | |
|------------|---|
| diagram |  Reference number used for empty containers in depots of shipping company. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 30 |
| annotation | documentation Reference number used for empty containers in depots of shipping company. |
| source | <pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ILU_Details/AdditionalInformationILU**

| | |
|------------|--|
| diagram |  Additional information |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation Additional information |
| source | <pre><xs:element name="AdditionalInformationILU" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|---|
| | <pre></xs:simpleType> </xs:element></pre> |
|--|---|

element **ILU_Details/DepartureCountry**

| | |
|------------|--|
| diagram |  Code of departure country of the ILU. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation Code of departure country of the ILU. documentation CODE: ISO-3166-2 |
| source | <pre><xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the ILU.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ILU_Type**

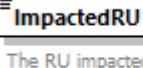
| | |
|------------|--|
| diagram |  Type of ILU. Further information is given for each enumeration element. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | TypeOfLoadUnitType |
| properties | content simple |
| used by | element ILU_Details |
| facets | Kind Value Annotation enumeration 00 documentation unknown enumeration 01 documentation Container enumeration 02 documentation swap bodies enumeration 03 documentation semitrailers enumeration 04 documentation truck |
| annotation | documentation |

| | |
|--------|---|
| | Type of ILU. Further information is given for each enumeration element. |
| source | <pre><xs:element name="ILU_Type" type="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>Type of ILU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element></pre> |

element IM_Partner

| diagram |  | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | elements Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation Infrastructure Manager | | | | | | | | | | | | |
| source | <pre><xs:element name="IM_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Infrastructure Manager</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element ImpactedRU

| diagram |  | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation The RU impacted by a restriction | | | | | | | | | | | | |
| source | <pre><xs:element name="ImpactedRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU impacted by a restriction</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

| | |
|--|---------------|
| | </xs:element> |
|--|---------------|

element **IntermediateDestination**

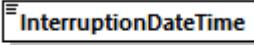
| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| used by | element NextIntermediateDestination |
| annotation | documentation A location on the route of a train |
| source | <pre><xs:element name="IntermediateDestination" type="LocationIdent"> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </xs:element></pre> |

element **InternalReferenceIdentifier**

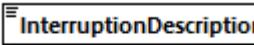
| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|-----|--|
| diagram | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | DelayCauseTime InterruptionPoint/Interruption InterruptionInformation ReceiptConfirmationMessage TrainJourneyModificationMessage | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | documentation | | | | | | | | | |

| | |
|--------|--|
| | The link to the IM System Reference |
| source | <pre><xs:element name="InternalReferenceIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>The link to the IM System Reference</xs:documentation> </xs:annotation> </xs:element></pre> |

element InterruptionDateTime

| | |
|------------|---|
| diagram |  <p>Date and Time when the Train was interrupted</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | elements InterruptionPoint/Interruption Information |
| annotation | documentation Date and Time when the Train was interrupted |
| source | <pre><xs:element name="InterruptionDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the Train was interrupted</xs:documentation> </xs:annotation> </xs:element></pre> |

element InterruptionDescription

| diagram |  <p>The free text description of an interruption</p> | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements ChangeofTrackMessage ExceptionReason InterruptionPoint/Interruption Information | | | | | | | | | |
| facets | <table> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | documentation The free text description of an interruption | | | | | | | | | |
| source | <pre><xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **InterruptionInformation**

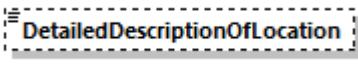
| | |
|------------|--|
| diagram | <p>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | InterruptionDescription InterruptionDateTime InterruptionReason InternalReferenceIdentifier |
| used by | element PathNotAvailableMessage |
| annotation | <p>documentation</p> <p>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</p> |
| source | <pre> <xs:element name="InterruptionInformation"> <xs:annotation> <xs:documentation>The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionDescription" minOccurs="0"/> <xs:element ref="InterruptionDateTime" minOccurs="0"/> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **InterruptionPoint**

| | |
|------------|---|
| diagram | <p>describes the interruption points with location and the reason for the interruption</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location DetailedDescriptionOfLocation Interruption BookedLocationDateTime ReferencedLocationDateTime InterruptionDuration Remarks |
| used by | element TrainRunningInterruptionMessage |
| annotation | documentation describes the interruption points with location and the reason for the interruption |
| source | <pre> <xs:element name="InterruptionPoint"> <xs:annotation> <xs:documentation>describes the interruption points with location and the reason for the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|--|
| | <pre> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>To provide any additional information to the RU or next IM (e.g. contact person, next steps, etc)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **InterruptionPoint/DetailedDescriptionOfLocation**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 |

| | |
|--------|--|
| | maxLength 255 |
| source | <xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> |

element InterruptionPoint/Interruption

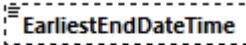
| | |
|------------|--|
| diagram | <pre> classDiagram class Interruption { <<Interruption>> } class InterruptionReason { <<InterruptionReason>> } class InterruptionDateTime { <<InterruptionDateTime>> } class InterruptionDescription { <<InterruptionDescription>> } class InternalReferenceIdentifier { <<InternalReferenceIdentifier>> } Interruption "1" -- "0..1" InterruptionReason Interruption "1" -- "0..1" InterruptionDateTime Interruption "1" -- "0..1" InterruptionDescription Interruption "1" -- "0..1" InternalReferenceIdentifier </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier |
| source | <pre> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime"/> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element InterruptionPoint/InterruptionDuration

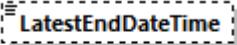
| | |
|------------|--|
| diagram | <pre> classDiagram class InterruptionDuration { <<InterruptionDuration>> } class EarliestEndDateTime { <<EarliestEndDateTime>> } class LatestEndDateTime { <<LatestEndDateTime>> } InterruptionDuration "1" -- "1" EarliestEndDateTime InterruptionDuration "1" -- "1" LatestEndDateTime </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 |

| | |
|------------|---|
| | content complex |
| children | EarliestEndDateTime LatestEndDateTime |
| annotation | documentation To specify the probable duration of the interruption |
| source | <pre><xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

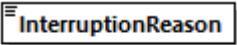
element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

| | |
|------------|--|
| diagram |  <p>Forecasted earliest time for end of interruption</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Forecasted earliest time for end of interruption |
| source | <pre><xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element></pre> |

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

| | |
|------------|--|
| diagram |  Forecasted latest time for end of interruption |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Forecasted latest time for end of interruption |
| source | <pre><xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element></pre> |

element **InterruptionReason**

| diagram |  This element identifies the reason for an interruption of the train running | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|-------|------------|-------------|----|--|-------------|----|-----------------------|-------------|----|------------------------------------|-------------|----|-------------------------------------|-------------|----|--|-------------|----|-------|-------------|----|---|-------------|----|--------------------------|-------------|----|---|-------------|----|---------------------------------|-------------|----|------------------------|-------------|----|-------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | DelayCode | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| used by | ChangeofTrackMessage InterruptionPoint/Interruption InterruptionInformation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>11</td> <td>Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>Wrong application of priority rules</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td></td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>Staff</td> </tr> <tr> <td>enumeration</td> <td>19</td> <td>Other causes related to the operational planning and management</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>Signalling installations</td> </tr> <tr> <td>enumeration</td> <td>21</td> <td>Signalling installations at level crossings</td> </tr> <tr> <td>enumeration</td> <td>22</td> <td>Telecommunication installations</td> </tr> <tr> <td>enumeration</td> <td>23</td> <td>Power supply equipment</td> </tr> <tr> <td>enumeration</td> <td>24</td> <td>Track</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 11 | Formation of trains if managed by infrastructure manager | enumeration | 10 | Timetable compilation | enumeration | 12 | Mistakes in operational procedures | enumeration | 13 | Wrong application of priority rules | enumeration | 14 | | enumeration | 18 | Staff | enumeration | 19 | Other causes related to the operational planning and management | enumeration | 20 | Signalling installations | enumeration | 21 | Signalling installations at level crossings | enumeration | 22 | Telecommunication installations | enumeration | 23 | Power supply equipment | enumeration | 24 | Track |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | Formation of trains if managed by infrastructure manager | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Timetable compilation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | Mistakes in operational procedures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | Wrong application of priority rules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 18 | Staff | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 19 | Other causes related to the operational planning and management | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 20 | Signalling installations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 21 | Signalling installations at level crossings | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 22 | Telecommunication installations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 23 | Power supply equipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 24 | Track | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--|----------------|---|
| | enumeration 25 | documentation Structures |
| | enumeration 28 | documentation Staff |
| | enumeration 29 | documentation Other causes related to infrastructure installations |
| | enumeration 31 | documentation Irregularities in execution of construction work |
| | enumeration 30 | documentation Planned construction work |
| | enumeration 32 | documentation Speed restrictions due to defective track |
| | enumeration 39 | documentation Other causes related to Civil engineering |
| | enumeration 40 | documentation Delay caused by next IM |
| | enumeration 41 | documentation Delay caused by previous IM |
| | enumeration 50 | documentation exceeding the stop time |
| | enumeration 51 | documentation Request of the RU |
| | enumeration 52 | documentation Loading operations |
| | enumeration 53 | documentation Loading irregularities |
| | enumeration 54 | documentation Commercial preparation of the train |
| | enumeration 58 | documentation Staff |
| | enumeration 59 | documentation Other causes related to commercial causes |
| | enumeration 60 | documentation Roster planning/re-rostering |
| | enumeration 61 | documentation Formation of trains by the RU |
| | enumeration 62 | documentation Problems affecting coaches |
| | enumeration 63 | documentation Problems affecting wagons |
| | enumeration 64 | documentation Problems affecting traction units |
| | enumeration 68 | documentation Staff |
| | enumeration 69 | documentation Other causes related to Rolling Stock |
| | enumeration 70 | documentation Delay caused by next RU |
| | enumeration 71 | documentation Delay caused by previous RU |
| | enumeration 80 | documentation Strike |
| | enumeration 81 | documentation Administrative formalites |
| | enumeration 82 | documentation Outside influence |
| | enumeration 83 | documentation Effects of weather and natural causes |
| | enumeration 84 | documentation Delay caused by external reasons on the next network |
| | enumeration 89 | documentation Other external causes |
| | enumeration 90 | documentation |

| | | |
|------------|--|---|
| | enumeration 91 | Dangerous incidents, accidents and hazards documentation |
| | enumeration 92 | Track occupation caused by the lateness of the same train documentation |
| | enumeration 93 | Track occupation caused by the lateness of another train documentation |
| | enumeration 94 | Turn round documentation |
| | enumeration 95 | Connection documentation Further investigation needed |
| annotation | documentation | This element identifies the reason for an interruption of the train running |
| source | <pre><xs:element name="InterruptionReason" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for an interruption of the train running</xs:documentation> </xs:annotation> </xs:element></pre> | |

element ITU

| | |
|------------|---|
| diagram | <p>The diagram illustrates the structure of the ITU element. It consists of three main components: ITU, ITU_Details, and Goods. The ITU component is described as 'Describes the type and content of an IntermodalTransportUnit'. It has a relationship with ITU_Details (labeled 'Details for Intermodal Transport Unit on wagon') and Goods (labeled '1..99 Describes the goods inside the means of transport'). Additionally, there is a dashed-line association with SummaryOfGoodsWithSameRID (labeled '0..25'), which is described as 'This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here'.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | ITU Details Goods SummaryOfGoodsWithSameRID |
| annotation | documentation Describes the type and content of an IntermodalTransportUnit |
| source | <pre><xs:element name="ITU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Details"> <xs:annotation> <xs:documentation>Details for Intermodal Transport Unit on wagon</xs:documentation></pre> |

```
</xs:annotation>
</xs:element>
<xs:element ref="Goods" maxOccurs="99"/>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **ITU_Details**

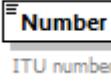
| | |
|-----------|---|
| diagram | <pre> graph LR ITU_Details[ITU_Details] --- ITU_Type[ITU_Type] ITU_Type --- Number[Number] ITU_Type --- LoadingStatus[LoadingStatus] ITU_Type --- ITU_TypeDetail[ITU_TypeDetail] ITU_TypeDetail --- Prefix[Prefix] ITU_TypeDetail --- Checkdigit[Checkdigit] ITU_TypeDetail --- Dimensions[Dimensions] ITU_TypeDetail --- TareWeight[TareWeight] ITU_TypeDetail -.-> SwapBodyCodification[SwapBodyCodification] ITU_TypeDetail -.-> Forwarding[Forwarding] ITU_TypeDetail -.-> Ship[Ship] ITU_TypeDetail -.-> TurnInNumber[TurnInNumber] ITU_TypeDetail -.-> DeliveryReference[DeliveryReference] ITU_TypeDetail -.-> OriginCountry[OriginCountry] ITU_TypeDetail -.-> DepartureCountry[DepartureCountry] ITU_TypeDetail -.-> UltimateDestinationCountry[UltimateDestinationCountry] ITU_TypeDetail -.-> Seals[Seals] ITU_TypeDetail -.-> ReferenceNumbers[ReferenceNumbers] </pre> <p>Details for ITU on wagon</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | ITU Type Number LoadingStatus ITU TypeDetail Prefix Checkdigit Dimensions TareWeight SwapBodyCodification Forwarding Ship TurnInNumber DeliveryReference OriginCountry DepartureCountry UltimateDestinationCountry Seals ReferenceNumbers |
| used by | element ITU |
| annotation | documentation Details for ITU on wagon |
| source | <pre> <xs:element name="ITU_Details"> <xs:annotation> <xs:documentation>Details for ITU on wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ITU_Type"> <xs:annotation> <xs:documentation>Type of Intermodal Transport Unit. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> <xs:element ref="LoadingStatus"/> <xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre> |

```
<xs:minLength value="1"/>
<xsmaxLength value="5"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Checkdigit" minOccurs="0">
<xs:annotation>
<xs:documentation>Check digit</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:totalDigits value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="Dimensions"/>
<xs:element name="TareWeight" type="WeightValueKilo">
<xs:annotation>
<xs:documentation>Tare weight [kg] of UTI.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="SwapBodyCodification" minOccurs="0">
<xs:annotation>
<xs:documentation>Codification used for swap bodies according to
UIC/UIRR regulations </xs:documentation>
<xs:documentation>CODE:</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:minLength value="3"/>
<xs:maxLength value="4"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Forwarding" minOccurs="0">
<xs:annotation>
<xs:documentation>Final destination of the UTI.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="80"/>
<xs:minLength value="1"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
<xs:annotation/>
</xs:element>
<xs:element name="TurnInNumber" minOccurs="0">
<xs:annotation>
<xs:documentation>Reference number used for empty containers in
depots of shipping company.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="30"/>
<xs:minLength value="1"/>
</xs:restriction>
```

| | |
|--|--|
| | <pre> </xs:simpleType> </xs:element> <xs:element ref="DeliveryReference" minOccurs="0"/> <xs:element ref="OriginCountry" minOccurs="0"/> <xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="UltimateDestinationCountry" minOccurs="0"/> <xs:element ref="Seals" minOccurs="0"/> <xs:element ref="ReferenceNumbers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **ITU_Details/Number**

| diagram |  | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of EquipmentNumberType | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 13 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 13 | | | | | | | | | |
| annotation | documentation ITU number | | | | | | | | | |
| source | <pre> <xs:element name="Number"> <xs:annotation> <xs:documentation>ITU number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **ITU_Details/ITU_TypeDetail**

| diagram |  | | | | | | |
|-------------|--|------------|-------|------------|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:token | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BX</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | BX | |
| Kind | Value | Annotation | | | | | |
| enumeration | BX | | | | | | |

| | |
|--------|---|
| | enumeration BK enumeration FL enumeration HT enumeration HC enumeration IN enumeration OT enumeration HH enumeration PW enumeration OS enumeration RF enumeration SD enumeration SL enumeration VE enumeration TC enumeration RH |
| source | <pre><xs:element name="ITU_TypeDetail"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="BX"/> <xs:enumeration value="BK"/> <xs:enumeration value="FL"/> <xs:enumeration value="HT"/> <xs:enumeration value="HC"/> <xs:enumeration value="IN"/> <xs:enumeration value="OT"/> <xs:enumeration value="HH"/> <xs:enumeration value="PW"/> <xs:enumeration value="OS"/> <xs:enumeration value="RF"/> <xs:enumeration value="SD"/> <xs:enumeration value="SL"/> <xs:enumeration value="VE"/> <xs:enumeration value="TC"/> <xs:enumeration value="RH"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ITU_Details/Prefix**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 5 |

| | |
|------------|---|
| annotation | documentation Prefix |
| source | <pre><xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ITU_Details/Checkdigit**

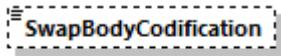
| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation totalDigits 1 |
| annotation | documentation Check digit |
| source | <pre><xs:element name="Checkdigit" minOccurs="0"> <xs:annotation> <xs:documentation>Check digit</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:totalDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ITU_Details/TareWeight**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WeightValueKilo |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 |

| | |
|------------|---|
| | whiteSpace collapse |
| annotation | documentation Tare weight [kg] of UTI. |
| source | <pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTI.</xs:documentation> </xs:annotation> </xs:element></pre> |

element ITU_Details/SwapBodyCodification

| | |
|------------|--|
| diagram |  <p>Codification used for swap bodies according to UIC/UIRR regulations</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 3 maxLength 4 |
| annotation | documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE: |
| source | <pre><xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element ITU_Details/Forwarding

| | |
|------------|--|
| diagram |  <p>Final destination of the UTI.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |

| | |
|------------|---|
| facets | Kind Value Annotation minLength 1 maxLength 80 |
| annotation | documentation Final destination of the UTI. |
| source | <pre><xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTI.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ITU_Details/TurnInNumber**

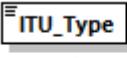
| | |
|------------|---|
| diagram |  TurnInNumber <p>Reference number used for empty containers in depots of shipping company.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 30 |
| annotation | documentation Reference number used for empty containers in depots of shipping company. |
| source | <pre><xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **ITU_Details/DepartureCountry**

| | |
|---------|--|
| diagram |  DepartureCountry <p>Code of departure country of the UTI.</p> |
|---------|--|

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation Code of departure country of the UTI. documentation CODE: ISO-3166-2 |
| source | <pre><xs:element name="DepartureCountry" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Code of departure country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ITU_Type**

| | |
|------------|---|
| diagram |  <p>Type of ITU. Further information is given for each enumeration element.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of EquipmentTypeType |
| properties | content simple |
| used by | element ITU_Details |
| facets | Kind Value Annotation enumeration cn documentation Container enumeration sw documentation swap body enumeration te documentation Trailer (RollingRoad) |
| annotation | documentation Type of ITU. Further information is given for each enumeration element. |
| source | <pre><xs:element name="ITU_Type"> <xs:annotation> <xs:documentation>Type of ITU. Further information is given for each enumeration element.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentTypeType"/> </xs:simpleType> </xs:element></pre> |

element **JourneySection**

| | |
|------------|---|
| diagram | <p>JourneySection Defines the data provided by the IM for a journey section</p> <p>JourneySectionOrigin Origin of the section on which train composition is unchanged</p> <p>JourneySectionDestination Destination of the section on which train composition is unchanged</p> <p>ResponsibilityActualSection This element identifies the responsible RU or IM for the actual path section</p> <p>ResponsibilityNextSection Only optional for the last section</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection |
| used by | element TrainCompositionJourneySection |
| annotation | documentation Defines the data provided by the IM for a journey section |
| source | <pre> <xs:element name="JourneySection"> <xs:annotation> <xs:documentation>Defines the data provided by the IM for a journey section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="JourneySectionOrigin"/> <xs:element ref="JourneySectionDestination"/> <xs:element ref="ResponsibilityActualSection"/> <xs:element ref="ResponsibilityNextSection" minOccurs="0"> <xs:annotation> <xs:documentation>Only optional for the last section</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

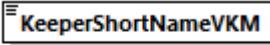
element **JourneySectionDestination**

| | |
|------------|---|
| diagram | <pre> classDiagram class JourneySectionDestination { <<Destination of the section on which train composition is unchanged>> } class LocationIdent { <<extension>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode class PrimaryLocationName { <<Location Name in an official language of the Country using the ISO Unicode alphabet>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } class BookedLocationDateTime { <<Scheduled Date and Time of a train at a specified location as defined in the path contract>> } JourneySectionDestination --> LocationIdent LocationIdent < -- CountryCodeISO LocationIdent < -- LocationPrimaryCode LocationIdent < -- PrimaryLocationName LocationIdent < -- LocationSubsidiaryIdentification LocationIdent --> BookedLocationDateTime </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime |
| used by | element JourneySection |
| annotation | <p>documentation</p> <p>Destination of the section on which train composition is unchanged</p> |
| source | <pre> <xsd:element name="JourneySectionDestination"> <xsd:annotation> <xsd:documentation>Destination of the section on which train composition is unchanged</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:complexContent> <xsd:extension base="LocationIdent"> <xsd:sequence minOccurs="0"> <xsd;element ref="BookedLocationDateTime" minOccurs="0"/> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </xsd:element> </pre> |

element **JourneySectionOrigin**

| | |
|------------|--|
| diagram | <pre> classDiagram class JourneySectionOrigin { <<Origin of the section on which train composition is unchanged>> } class LocationIdent { <<LocationIdent (extension)>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode class PrimaryLocationName { <<Location Name in an official language of the Country using the ISO Unicode alphabet>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } class BookedLocationDateTime { <<Scheduled Date and Time of a train at a specified location as defined in the path contract>> } JourneySectionOrigin "1..1" -- "0..1" LocationIdent LocationIdent "0..1" -- "1..1" CountryCodeISO LocationIdent "0..1" -- "1..1" LocationPrimaryCode LocationIdent "0..1" -- "1..1" PrimaryLocationName LocationIdent "0..1" -- "1..1" LocationSubsidiaryIdentification LocationIdent "0..1" -- "1..1" BookedLocationDateTime </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime |
| used by | element JourneySection |
| annotation | documentation Origin of the section on which train composition is unchanged |
| source | <pre> <xsd:element name="JourneySectionOrigin"> <xsd:annotation> <xsd:documentation>Origin of the section on which train composition is unchanged</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:complexContent> <xsd:extension base="LocationIdent"> <xsd:sequence minOccurs="0"> <xsd;element ref="BookedLocationDateTime" minOccurs="0"/> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </xsd:element> </pre> |

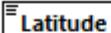
element **KeeperShortNameVKM**

| | |
|------------|--|
| diagram |  |
| | Free text, short name/vehicle keeper marking of the wagon keeper |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | elements RollingStockDataset/AdministrativeDataSet RollingStockDatasetMessage/RefusedWagonNumbers |
| facets | Kind Value Annotation maxLength 10 |
| annotation | documentation Free text, short name/vehicle keeper marking of the wagon keeper |
| source | <pre><xs:element name="KeeperShortNameVKM"> <xs:annotation> <xs:documentation>Free text, short name/vehicle keeper marking of the wagon keeper</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

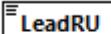
element **LastModifiedDateTime**

| | |
|------------|---|
| diagram |  |
| | Date and Time of last update or modification of data |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Date and Time of last update or modification of data |
| source | <pre><xs:element name="LastModifiedDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of last update or modification of data</xs:documentation> </xs:annotation> </xs:element></pre> |

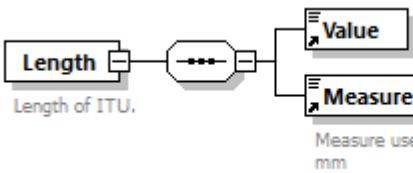
element **Latitude**

| | |
|------------|---|
| diagram |  Latitude Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:float |
| properties | content simple |
| used by | element GeographicCoordinates |
| annotation | documentation Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals. |
| source | <pre><xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element></pre> |

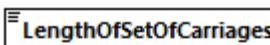
element **LeadRU**

| | |
|------------|---|
| diagram |  LeadRU Lead Railway Undertaking |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |
| properties | content simple |
| used by | elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation Lead Railway Undertaking |
| source | <pre><xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre> |

element **Length**

| | |
|------------|--|
| diagram |  <p>Length Length of ITU. Value Measure Measure used, either ft or mm</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Value Measure |
| used by | elements Dimensions TractionDetails complexType DimensionValue |
| annotation | documentation Length of ITU. |
| source | <pre><xs:element name="Length"> <xs:annotation> <xs:documentation>Length of ITU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **LengthOfSetOfCarriages**

| | |
|------------|--|
| diagram |  <p>LengthOfSetOfCarriages</p> |
| | The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric4-4 |
| properties | content simple |
| used by | element PlannedTrainTechnicalData |
| facets | Kind Value Annotation minInclusive 0001 maxInclusive 9999 |
| annotation | documentation The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory. |
| source | <pre><xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated and rounded up maximum length of all</pre> |

| | |
|--|---|
| | wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.</xs:documentation> </xs:annotation> </xs:element> |
|--|---|

element **LengthOverBuffers**

| diagram | LengthOverBuffers Length over buffers is expressed in cm. | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|--------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements RollingStockDataset/DesignDataSet WagonTechData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999999 | | | | | | | | | |
| annotation | documentation Length over buffers is expressed in cm. | | | | | | | | | |
| source | <pre> <xs:element name="LengthOverBuffers"> <xs:annotation> <xs:documentation>Length over buffers is expressed in cm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **LoadArea**

| diagram | LoadArea Payload Area - measured in M2 | | | | | | | | | |
|----------------|---|------------|-------|------------|-------------|---|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 5 | | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 5 | | | | | | | | | |
| fractionDigits | 1 | | | | | | | | | |
| annotation | Payload Area - measured in M2 | | | | | | | | | |

| | |
|--------|--|
| source | <pre><xs:element name="LoadArea"> <xs:annotation> <xs:documentation>Payload Area - measured in M2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|--|

element LoadingCapacity

| diagram | | | | | | | | | | |
|----------------|--|------------|-------|------------|-------------|---|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemas/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 5 | | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 5 | | | | | | | | | |
| fractionDigits | 1 | | | | | | | | | |
| annotation | documentation Usable Cube - measured in M3 | | | | | | | | | |
| source | <pre><xs:element name="LoadingCapacity"> <xs:annotation> <xs:documentation>Usable Cube - measured in M3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element LoadingFacility

| | |
|---------|---|
| diagram | <p>CustomerNumber The customer number of the COM differs from the customer code used in TAF/TSI, its format may not accord to the TAf elem...</p> <p>AdministrativeContactInformation Used to define administrative contact information</p> |
|---------|---|

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | CustomerNumber AdministrativeContactInformation |
| annotation | documentation Identifies the loading facility (in case of message type = ORU) |
| source | <pre><xs:element name="LoadingFacility"> <xs:annotation> <xs:documentation>Identifies the loading facility (in case of message type = ORU)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"/> <xs:element ref="AdministrativeContactInformation"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **LoadingStatus**

| diagram |  <p>Loading status of the equipment. 0=Empty, 1=Loaded</p> | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|---|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | ILU Details ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | | enumeration | 1 | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 0 | | | | | | | | | |
| enumeration | 1 | | | | | | | | | |
| annotation | documentation Loading status of the equipment. 0=Empty, 1=Loaded | | | | | | | | | |
| source | <pre><xs:element name="LoadingStatus"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **LoadingTackles**

| | |
|------------|---|
| diagram | <pre> classDiagram class LoadingTackles { <<Describes the loading tackles used inside the wagon>> } class LoadingTackleType { <<Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.>> } class Quantity { <<Amount of the loading tackles of the specified type.>> } class TotalWeightLoadingTackles { <<Total weight of the loading tackles (kg) of the specified type>> } class TypeDescription { <<Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.>> } LoadingTackles --> MultiplicityNode MultiplicityNode --> Quantity MultiplicityNode -.-> TotalWeightLoadingTackles MultiplicityNode -.-> TypeDescription </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription |
| used by | elements ILU Wagons |
| annotation | <p>documentation</p> <p>Describes the loading tackles used inside the wagon</p> |
| source | <pre> <xsd:element name="LoadingTackles"> <xsd:annotation> <xsd:documentation>Describes the loading tackles used inside the wagon</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element name="LoadingTackleType"> <xsd:annotation> <xsd:documentation>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</xsd:documentation> </xsd:annotation> <xsd:simpleType> <xsd:restriction base="xsd:string"/> </xsd:simpleType> </xsd:element> <xsd:element ref="Quantity"/> <xsd:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xsd:annotation> <xsd:documentation>Total weight of the loading tackles (kg) of the specified type</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element name="TypeDescription" minOccurs="0"> <xsd:annotation> </xsd:annotation> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

| | |
|--|--|
| | <pre> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **LoadingTackles/LoadingTackleType**

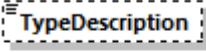
| | |
|------------|--|
| diagram |  <p>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| annotation | documentation Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. |
| source | <pre> <xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element></pre> |

element **LoadingTackles/TotalWeightLoadingTackles**

| | |
|------------|---|
| diagram |  <p>Total weight of the loading tackles (kg) of the specified type</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WeightValueKilo |
| properties | content simple |

| | |
|------------|--|
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse |
| annotation | documentation Total weight of the loading tackles (kg) of the specified type |
| source | <xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation> </xs:annotation> </xs:element> |

element LoadingTackles/TypeDescription

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Description of loading tackle, which is not included in the UN/EDIFACT 8053 list. |
| source | <xs:element name="TypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> |

element **Location**

| | |
|------------|---|
| diagram | <pre> classDiagram class Location { <<Identifies a Location using a LocationIdent>> } class LocationIdent { <<Identifies a Location using a LocationIdent>> CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } Location "1..*" --> "1..*" LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>LocationIdent</u> |
| properties | content complex |
| children | <u>CountryCodeISO</u> <u>LocationPrimaryCode</u> <u>PrimaryLocationName</u> <u>LocationSubsidiaryIdentification</u> |
| used by | elements <u>AffectedLocation</u> <u>ArrivalInterchangeReport</u> <u>ConsignmentOrderMessage/COMS/COM/CustomsProcedures</u> <u>DepartureInterchangeReport</u> <u>ExceptionPoint</u> <u>InterruptionPoint</u> <u>LocationModified</u> <u>ProductionStation</u> <u>SpecialTreatments</u> <u>TrainForecastAtReportingLocationMessage</u> <u>TrainLocationReport</u> <u>WagonAtDeparture</u> <u>WagonEventInformation</u> <u>WagonPickupAtOrigin</u> <u>YardArrival</u> <u>YardDeparture</u> |
| annotation | documentation Identifies a Location using a LocationIdent |
| source | <pre> <x:element name="Location" type="LocationIdent"> <x:annotation> <x:documentation>Identifies a Location using a LocationIdent</x:documentation> </x:annotation> </x:element> </pre> |

element **LocationActualTrack**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| used by | element ChangeofTrackMessage |
| source | <code><xs:element name="LocationActualTrack" type="LocationIdent"/></code> |

element **LocationDateTime**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | elements AffectedLocation TrainAtLocation TrainLocationReport |
| annotation | documentation Identifies the actual or forecasted Date / Time at a specific reporting point |
| source | <code><xs:element name="LocationDateTime" type="xs:dateTime"></code> <code> <xs:annotation></code> <code> <xs:documentation>Identifies the actual or forecasted Date / Time at a specific reporting point</xs:documentation></code> <code> </xs:annotation></code> <code></xs:element></code> |

element **LocationFileDatasetMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class LocationFileDatasetMessage { <<Used to Create, Modify or Update the LocationIdent Reference File>> } class MessageHeader class MessageStatus class CountryCodeISO class LocationPrimaryCode class LocationPrimaryInformation { <<Required for Primary Location Add, Update, of a Location Primary Code>> } class LocationSubsidiaryInformation { <<Required for Add, Update of a Location Subsidiary Code (modified to global element)>> } LocationFileDatasetMessage --> MessageHeader LocationFileDatasetMessage --> MessageStatus LocationFileDatasetMessage --> CountryCodeISO LocationFileDatasetMessage --> LocationPrimaryCode CountryCodeISO --> LocationPrimaryInformation LocationPrimaryCode --> LocationPrimaryInformation LocationPrimaryCode --> LocationSubsidiaryInformation </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus CountryCodeISO LocationPrimaryCode LocationPrimaryInformation LocationSubsidiaryInformation |
| annotation | <p>documentation</p> <p>Used to Create, Modify or Update the LocationIdent Reference File</p> |
| source | <pre> <xsd:element name="LocationFileDatasetMessage"> <xsd:annotation> <xsd:documentation> Used to Create, Modify or Update the LocationIdent Reference File</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="MessageHeader"/> <xsd:element ref="MessageStatus"/> <xsd:element ref="CountryCodeISO"/> <xsd:element ref="LocationPrimaryCode"/> <xsd:choice> <xsd:element ref="LocationPrimaryInformation"/> <xsd:element ref="LocationSubsidiaryInformation"/> </xsd:choice> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

element **LocationModified**

| | |
|------------|---|
| diagram | <p>This element shows the Location that has been changed for the train run</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location ModificationStatusIndicator TrainLocationStatus BookedLocationDateTime |
| used by | element TrainJourneyModification |
| annotation | <p>documentation</p> <p>This element shows the Location that has been changed for the train run</p> |
| source | <pre> <xs:element name="LocationModified"> <xs:annotation> <xs:documentation>This element shows the Location that has been changed for the train run </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ModificationStatusIndicator"/> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **LocationPlannedTrack**

| | |
|------------|--|
| diagram | <pre> classDiagram class LocationPlannedTrack class LocationIdent { <<CountryCodeISO>> <<LocationPrimaryCode>> <<PrimaryLocationName>> <<LocationSubsidiaryIdentification>> } LocationPlannedTrack --> LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>LocationIdent</u> |
| properties | content complex |
| children | <u>CountryCodeISO</u> <u>LocationPrimaryCode</u> <u>PrimaryLocationName</u> <u>LocationSubsidiaryIdentification</u> |
| used by | element <u>ChangeofTrackMessage</u> |
| source | <code><xss:element name="LocationPlannedTrack" type="LocationIdent"/></code> |

element **LocationPrimaryCode**

| diagram | <pre> classDiagram class LocationPrimaryCode </pre> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | <u>Numeric1-5</u> | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element <u>LocationFileDatasetMessage</u> complexType <u>LocationIdent</u> | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| source | <code><xss:element name="LocationPrimaryCode" type="Numeric1-5"/></code> | | | | | | | | | |

element **LocationPrimaryInformation**

| | |
|-----------|---|
| diagram | <pre> classDiagram class LocationPrimaryInformation { <<Required for Primary Location Add, Update, of a Location Primary Code>> LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag PassengerFlag GeographicCoordinates NUTS_Code Comments } class LocationPrimaryName class ResponsibleIM class PrimaryLocationNameASCII class ValidityPeriod class ContainerHandlingFlag class HandoverPointFlag class FreightFlag class PassengerFlag class GeographicCoordinates class NUTS_Code class Comments </pre> <p>LocationPrimaryInformation (Required for Primary Location Add, Update, of a Location Primary Code)</p> <ul style="list-style-type: none"> LocationPrimaryName: Location Name in an official language of the Country using the ISO Unicode alphabet ResponsibleIM: IM Responsible for Reporting. For Path Requests, this element has to be used <ul style="list-style-type: none"> - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. PrimaryLocationNameASCII: the location name in free text, using ASCII character set ValidityPeriod ContainerHandlingFlag: This establishment is able to handle container traffic HandoverPointFlag: Identifies if the location is a Handover Point from IM to IM FreightFlag: Identifies that the Entity or Location is for Freight Activity PassengerFlag: Identifies that the Entity or Location is for Passenger Activity GeographicCoordinates: Latitude and Longitude of location NUTS_Code: Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code Comments |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

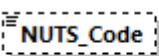
| | |
|------------|---|
| properties | content complex |
| children | LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag PassengerFlag GeographicCoordinates NUTS Code Comments |
| used by | element LocationFileDatasetMessage |
| annotation | documentation Required for Primary Location Add, Update, of a Location Primary Code |
| source | <pre> <xs:element name="LocationPrimaryInformation"> <xs:annotation> <xs:documentation>Required for Primary Location Add, Update, of a Location Primary Code</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationPrimaryName"/> <xs:element ref="ResponsibleIM"/> <xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ValidityPeriod"/> <xs:element ref="ContainerHandlingFlag" minOccurs="0"/> <xs:element ref="HandoverPointFlag" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="FreightFlag"/> <xs:element ref="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:sequence minOccurs="0"> <xs:element ref="PassengerFlag"/> <xs:element ref="ValidityPeriod" minOccurs="0"/> </xs:sequence> <xs:element ref="GeographicCoordinates" minOccurs="0"/> <xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Comments" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **LocationPrimaryInformation/PrimaryLocationNameASCII**

| diagram |  <p>the location name in free text, using ASCII character set</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | <p>documentation</p> <p>the location name in free text, using ASCII character set</p> | | | | | | | | | |
| source | <pre><xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **LocationPrimaryInformation/NUTS_Code**

| diagram |  <p>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---------|--------|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>50</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 50 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 50 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code</p> | | | | | | | | | |
| source | <pre><xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation></pre> | | | | | | | | | |

| | |
|--|--|
| | <pre><xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xsmaxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element **LocationPrimaryName**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| used by | element LocationPrimaryInformation |
| annotation | documentation Location Name in an official language of the Country using the ISO Unicode alphabet |
| source | <pre><xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre> |

element **LocationSubsidiaryCode**

| | | | | | | | | | | | |
|----------------------------|--|------------|-------|------------|-----------|------------|----------------------------|---|----------|--|--|
| diagram | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | |
| type | extension of String1-10 | | | | | | | | | | |
| properties | content complex | | | | | | | | | | |
| used by | elements LocationSubsidiaryIdentification LocationSubsidiaryInformation | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 10 | | |
| Kind | Value | Annotation | | | | | | | | | |
| minLength | 1 | | | | | | | | | | |
| maxLength | 10 | | | | | | | | | | |
| attributes | <table> <tr> <td>Name</td> <td>Type</td> <td>Default</td> <td>Fixed</td> <td>Annotation</td> </tr> <tr> <td>LocationSubsidiaryTypeCode</td> <td>derived by: <code>xs:token</code></td> <td>required</td> <td></td> <td></td> </tr> </table> | Name | Type | Default | Fixed | Annotation | LocationSubsidiaryTypeCode | derived by: <code>xs:token</code> | required | | |
| Name | Type | Default | Fixed | Annotation | | | | | | | |
| LocationSubsidiaryTypeCode | derived by: <code>xs:token</code> | required | | | | | | | | | |

| | |
|------------|--|
| annotation | documentation this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode" |
| source | <pre><xs:element name="LocationSubsidiaryCode"> <xs:annotation> <xs:documentation>this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="String1-10"> <xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre> |

element LocationSubsidiaryIdentification

| | |
|------------|---|
| diagram | <pre> classDiagram class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } class LocationSubsidiaryCode { <<this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode" >> } class AllocationCompany { <<Name of company who is responsible for allocation and maintenance of codes >> } class LocationSubsidiaryName { <<To be completed in an official language of the Country using the ISO Unicode alphabet >> } LocationSubsidiaryIdentification < -- LocationSubsidiaryCode LocationSubsidiaryIdentification < -- AllocationCompany LocationSubsidiaryIdentification < -- LocationSubsidiaryName </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | LocationSubsidiaryCode AllocationCompany LocationSubsidiaryName |
| used by | complexType LocationIdent |
| annotation | documentation Code, Name and allocation company of Subsidiary Location |
| source | <pre><xs:element name="LocationSubsidiaryIdentification"> <xs:annotation> <xs:documentation>Code, Name and allocation company of Subsidiary Location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="AllocationCompany"/> <xs:element ref="LocationSubsidiaryName" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|---|
| | <pre></xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **LocationSubsidiaryInformation**

| | |
|------------|--|
| diagram | <p>Required for Add, Update of a Location Subsidiary Code (modified to global element)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany ValidityPeriod Comments GeographicCoordinates |
| used by | element LocationFileDatasetMessage |
| annotation | documentation Required for Add, Update of a Location Subsidiary Code (modified to global element) |
| source | <pre><xs:element name="LocationSubsidiaryInformation"> <xs:annotation> <xs:documentation>Required for Add, Update of a Location Subsidiary Code (modified to global element)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="LocationSubsidiaryName"/> <xs:element ref="AllocationCompany"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **LocationSubsidiaryName**

| | |
|------------|---|
| diagram |  LocationSubsidiaryName To be completed in an official language of the Country using the ISO Unicode alphabet |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| used by | elements LocationSubsidiaryIdentification LocationSubsidiaryInformation |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation To be completed in an official language of the Country using the ISO Unicode alphabet |
| source | <pre><xs:element name="LocationSubsidiaryName" type="FreeText"> <xs:annotation> <xs:documentation>To be completed in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre> |

element **LocoNumber**

| | |
|------------|---|
| diagram |  LocoNumber Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | element TrainCompositionJourneySection/Locoldent |
| facets | Kind Value Annotation minLength 4 maxLength 12 |
| annotation | documentation Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values. |
| source | <pre><xs:element name="LocoNumber"> <xs:annotation> <xs:documentation>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre> |

| | |
|--|--|
| | <pre> <xs:maxLength value="12"/> <xs:minLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **LocoTypeNumber**

| | |
|------------|--|
| diagram | <p>LocoTypeNumber</p> <p>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit |
| used by | elements TrainCompositionJourneySection/Locoldent TractionDetails |
| annotation | <p>documentation</p> <p>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive</p> |
| source | <pre> <xs:element name="LocoTypeNumber"> <xs:annotation> <xs:documentation>Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can </pre> |

```

identify the exact individual locomotive</xs:documentation>
</xs:annotation>
<xss:complexType>
<xss:sequence>
<xss:element name="TypeCode1">
<xs:annotation>
<xs:documentation>Value is 9 as it's written in Part 0 of the
Appendix 6 of the decision 2007/756</xs:documentation>
</xs:annotation>
<xss:simpleType>
<xs:restriction base="xs:string">
<xs:minLength value="1"/>
<xs:whiteSpace value="replace"/>
<xs:maxLength value="1"/>
<xs:pattern value="[9]"/>
</xs:restriction>
</xss:simpleType>
</xss:element>
<xss:element name="TypeCode2">
<xs:annotation>
<xs:documentation>Type of tractive rolling stock as in Part 8 of
the Appendix 6 of the decision 2007/756</xs:documentation>
</xs:annotation>
<!--In PCS the following types are differentiated: Electric, Diesel,
Steam, Hybrid-->
<xss:simpleType>
<xs:restriction base="xs:string">
<xs:minLength value="1"/>
<xs:whiteSpace value="replace"/>
<xs:maxLength value="1"/>
<xs:pattern value="[0-9]"/>
</xs:restriction>
</xss:simpleType>
</xss:element>
<xss:element name="CountryCode">
<xs:annotation>
<xs:documentation>Numerical country code as in Part 4 of the
Appendix 6 of the decision 2007/756</xs:documentation>
</xs:annotation>
<xss:simpleType>
<xs:restriction base="xs:string">
<xs:minLength value="2"/>
<xs:whiteSpace value="replace"/>
<xs:maxLength value="2"/>
<xs:pattern value="[0-9]{2}"/>
</xs:restriction>
</xss:simpleType>
</xss:element>
<xss:element name="SeriesNumber">
<xs:annotation>
<xs:documentation>4 digits representing the type according to the
country rules and based on the national vehicle register of the country
indicated with the CountryCode</xs:documentation>
</xs:annotation>
<xss:simpleType>
<xs:restriction base="xs:string">
<xs:minLength value="4"/>
<xs:whiteSpace value="replace"/>

```

| | |
|--|---|
| | <pre> <xs:maxLength value="4"/> <xs:pattern value="[0-9]{4}" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SerialNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ControlDigit" minOccurs="0"> <xs:annotation> <xs:documentation>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]" /> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **LocoTypeNumber/TypeCode1**

| diagram | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:string | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | |
| Kind | Value | Annotation | | | | | |
| minLength | 1 | | | | | | |

| | |
|------------|--|
| | <pre>maxLength 1 whiteSpace replace pattern [9]</pre> |
| annotation | <p>documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p> |
| source | <pre><xs:element name="TypeCode1"> <xs:annotation> <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[9]"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

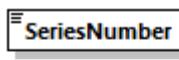
element **LocoTypeNumber/TypeCode2**

| diagram |  <p>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p> | | | | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|------------|---------|--|---------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>1</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 1 | | whiteSpace | replace | | pattern | [0-9] | |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minLength | 1 | | | | | | | | | | | | | | | |
| maxLength | 1 | | | | | | | | | | | | | | | |
| whiteSpace | replace | | | | | | | | | | | | | | | |
| pattern | [0-9] | | | | | | | | | | | | | | | |
| annotation | <p>documentation Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</p> | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="TypeCode2"> <xs:annotation> <xs:documentation>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <!--In PCS the following types are differentiated: Eletric, Diesel, Steam, Hybrid:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | | | | |

element **LocoTypeNumber/CountryCode**

| diagram |  <p>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p> | | | | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|------------|---------|--|---------|----------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{2}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 2 | | maxLength | 2 | | whiteSpace | replace | | pattern | [0-9]{2} | |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minLength | 2 | | | | | | | | | | | | | | | |
| maxLength | 2 | | | | | | | | | | | | | | | |
| whiteSpace | replace | | | | | | | | | | | | | | | |
| pattern | [0-9]{2} | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p> | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="CountryCode"> <xs:annotation> <xs:documentation>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9]{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | | | | |

element **LocoTypeNumber/SeriesNumber**

| diagram |  <p>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</p> | | | | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|------------|---------|--|---------|----------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | whiteSpace | replace | | pattern | [0-9]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | | | | |
| whiteSpace | replace | | | | | | | | | | | | | | | |
| pattern | [0-9]{4} | | | | | | | | | | | | | | | |

| | |
|------------|--|
| annotation | documentation 4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode |
| source | <pre><xs:element name="SeriesNumber"> <xs:annotation> <xs:documentation>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="4"/> <xs:pattern value="[0-9]{4}" /> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **LocoTypeNumber/SerialNumber**

| diagram |  <p>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</p> | | | | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|------------|---------|--|---------|----------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>3</td> <td></td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{3}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 3 | | maxLength | 3 | | whiteSpace | replace | | pattern | [0-9]{3} | |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minLength | 3 | | | | | | | | | | | | | | | |
| maxLength | 3 | | | | | | | | | | | | | | | |
| whiteSpace | replace | | | | | | | | | | | | | | | |
| pattern | [0-9]{3} | | | | | | | | | | | | | | | |
| annotation | <p>documentation Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</p> | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="SerialNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:whiteSpace value="replace"/> <xs:maxLength value="3"/> <xs:pattern value="[0-9]{3}" /> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **LocoTypeNumber/ControlDigit**

| diagram |  <p>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</p> | | | | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|------------|---------|--|---------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>1</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 1 | | whiteSpace | replace | | pattern | [0-9] | |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minLength | 1 | | | | | | | | | | | | | | | |
| maxLength | 1 | | | | | | | | | | | | | | | |
| whiteSpace | replace | | | | | | | | | | | | | | | |
| pattern | [0-9] | | | | | | | | | | | | | | | |
| annotation | documentation 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="ControlDigit" minOccurs="0"> <xs:annotation> <xs:documentation>1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning</xs:documentation> </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="1"/> <xs:pattern value="[0-9]" /> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | | | | |

element **Longitude**

| | |
|-----------|---|
| diagram |  <p>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| type | xs:float |
| properties | content simple |
| used by | element GeographicCoordinates |
| annotation | documentation Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals. |
| source | <pre><xs:element name="Longitude" type="xs:float"> <xs:annotation> <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation> </xs:element></pre> |

element MaxAxeWeight

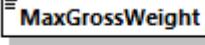
| diagram | MaxAxeWeight Indicates the maximum design axle weight (to). | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|-----|--|--------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements RollingStockDataset/DesignDataSet PlannedTrainTechnicalData TrainRunningTechData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0.1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99.9</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0.1 | | maxInclusive | 99.9 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 0.1 | | | | | | | | | |
| maxInclusive | 99.9 | | | | | | | | | |
| annotation | documentation Indicates the maximum design axle weight (to). | | | | | | | | | |
| source | <pre><xs:element name="MaxAxeWeight"> <xs:annotation> <xs:documentation>Indicates the maximum design axle weight (to).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0.1"/> <xs:maxInclusive value="99.9"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element MaxDesignSpeed

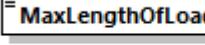
| | |
|-----------|---|
| diagram | MaxDesignSpeed Maximum approved speed of the wagon (km/h) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |

| | |
|------------|--|
| properties | content simple |
| used by | element RollingStockDataset/DesignDataSet |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 999 |
| annotation | documentation Maximum approved speed of the wagon (km/h) |
| source | <pre><xs:element name="MaxDesignSpeed"> <xs:annotation> <xs:documentation>Maximum approved speed of the wagon (km/h)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element MaxGrossWeight

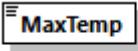
| | |
|------------|--|
| diagram |  <p>Weight of max Gross Load Weight plus the tare weight of the equipment</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WeightValueKilo |
| properties | content simple |
| used by | element RollingStockDataset/DesignDataSet |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse |
| annotation | documentation Weight of max Gross Load Weight plus the tare weight of the equipment |
| source | <pre><xs:element name="MaxGrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Weight of max Gross Load Weight plus the tare weight of the equipment</xs:documentation> </xs:annotation> </xs:element></pre> |

element MaxLengthOfLoad

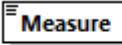
| | |
|---------|---|
| diagram |  <p>Measured in mm</p> |
|---------|---|

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|--------|--|
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999999 | | | | | | | | | |
| annotation | documentation Measured in mm | | | | | | | | | |
| source | <pre><xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **MaxTemp**

| diagram |  <p>Maximum Temperature in °Celsius</p> | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet/TemperatureRange | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 0 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | documentation Maximum Temperature in °Celsius | | | | | | | | | |
| source | <pre><xs:element name="MaxTemp"> <xs:annotation> <xs:documentation>Maximum Temperature in °Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **Measure**

| | |
|------------|--|
| diagram |  Measure Measure used, either ft or mm |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | content simple |
| used by | elements Height Length Width |
| facets | Kind Value Annotation enumeration ft enumeration mm |
| annotation | documentation Measure used, either ft or mm |
| source | <pre><xs:element name="Measure"> <xs:annotation> <xs:documentation>Measure used, either ft or mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ft"/> <xs:enumeration value="mm"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **MessageDateTimeCreated**

| | |
|------------|--|
| diagram |  MessageDateTimeCreated Date and time when the message was created by the legacy system |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element MessageHeader |
| annotation | documentation Date and time when the message was created by the legacy system |
| source | <pre><xs:element name="MessageDateTimeCreated" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and time when the message was created by the legacy system</xs:documentation> </xs:annotation> </xs:element></pre> |

element **MessageHeader**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageReference MessageRoutingID SenderReference MessageDateTimeCreated Recipient |
| used by | elements AlertMessage ChangeofTrackMessage ConsignmentOrderMessage ErrorMessage LocationFileDatasetMessage PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage RollingStockDatasetMessage RollingStockDatasetQueryMessage TrainCompositionMessage TrainDelayCauseMessage TrainForecastAtReportingLocationMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage WagonDeliveryNoticeMessage WagonETI ETA Message WagonStatusMessages |
| annotation | documentation Used for all messages |
| source | <pre> <xs:element name="MessageHeader"> <xs:annotation> <xs:documentation>Used for all messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageReference"/> <xs:element ref="MessageRoutingID" minOccurs="0"/> <xs:element ref="SenderReference" minOccurs="0"/> <xs:element ref="Sender"/> <xs:element ref="MessageDateTimeCreated" minOccurs="0"/> <xs:element ref="Recipient"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **MessageIdentifier**

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| diagram |  | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element MessageReference | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | documentation <i>Identification of the Message</i> | | | | | | | | | |
| source | <pre><xs:element name="MessageIdentifier" type="FreeText"> <xs:annotation> <xs:documentation>Identification of the Message</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **MessageReference**

| | |
|------------|--|
| diagram | <pre> MessageType To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCancelledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage - sector messages (Planning) 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage @e - sector message end - 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage 4500 PassengerTrainCompositionMessage - sector message (Operations) - 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage 4510 RunningStatusReportMessage - sector message end - 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage - sector message end - 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 5020 WagonStatusMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage 6005 ILUDataQueryMessage 6006 ILUDataMessage -sector (RU-RU) - 5500 WagonPerformanceMessage - sector end - 6004 RollingStockDatasetQueryMessage - Sector Messages TCR begin - 6500 TCRMessage 6501 TCRResponseMessage 6502 TCRCancelledMessage - Sector Messages TCR end - - sector (TrainID) begin - 8500 UpdateLinkMessage 8501 ObjectInfoMessage - sector end - 9000 ErrorMessage Reserved: (1M-RU for SFRRA) SF00 to SF99 for SFRRA messages (see IR590940) - Reserved - </pre> MessageReference This element identifies the message MessageTypeVersion Version of the Message Type MessageIdentifier Identification of the Message MessageDateTime Generated by the common Interface |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |

| | |
|------------|---|
| children | MessageType MessageTypeVersion MessageIdentifier MessageDateTime |
| used by | elements ErrorMessage/ErrorCauseReference MessageHeader |
| annotation | documentation This element identifies the message |
| source | <pre><xs:element name="MessageReference"> <xs:annotation> <xs:documentation>This element identifies the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageType"/> <xs:element ref="MessageTypeVersion"/> <xs:element ref="MessageIdentifier"/> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **MessageReference/MessageDateTime**

| | |
|------------|---|
| diagram | <p>The diagram shows a rounded rectangle with a double border containing the text "MessageDateTime". Below the diagram, the text "Generated by the common Interface" is displayed.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Generated by the common Interface |
| source | <pre><xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element></pre> |

element **MessageRoutingID**

| | |
|-----------|---|
| diagram | <p>The diagram shows a rounded rectangle with a double border containing the text "MessageRoutingID". Below the diagram, the text "Additional information used to route the message to the correct receiving application (if needed)" is displayed.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric2-2 |

| properties | content simple | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|----|--|--------------|----|--|
| used by | element MessageHeader | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 01 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 01 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | documentation Additional information used to route the message to the correct receiving application (if needed) | | | | | | | | | |
| source | <pre><xs:element name="MessageRoutingID" type="Numeric2-2"> <xs:annotation> <xs:documentation>Additional information used to route the message to the correct receiving application (if needed)</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **MessageType**

| | |
|-----------|---|
| diagram | <pre> MessageType To indicate the message type transmitted or referred to. The following list was agreed within the sector: 1000 ConsignmentOrderMessage 2001 PathCancelledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage -- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end -- 3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage 4500 PassengerTrainCompositionMessage -- sector message (Operations) -- 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage 4510 RoutingStatusReportMessage -- sector message end -- 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonTTI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end -- 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 5020 WagonStatusMessage 6002 LocationfileDatasetMessage 6003 RollingStockDatasetMessage 6005 ILUDataQueryMessage 6006 ILUDataMessage --sector (RU-RU) -- 5500 WagonPerformanceMessage -- sector end -- 6004 RollingStockDatasetQueryMessage -- Sector Messages TCR begin -- 6500 TCRMessage 6501 TCRResponseMessage 6502 TCRCanceledMessage -- Sector Messages TCR end -- -- sector (TrainID) begin -- 8500 UpdateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage -- Reserved: (IM-RU for SFERA) SF00 to SF99 for SFERA messages (see IRS90940) -- Reserved end -- </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element MessageReference | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 4 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 4 | | | | | | | | | |
| annotation | <p>documentation</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end --</p> <p>3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage 4500 PassengerTrainCompositionMessage</p> <p>-- sector message (Operations) -- 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage 4510 RunningStatusReportMessage -- sector message end --</p> <p>5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonETI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage</p> <p>-- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end --</p> <p>5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage 5020 WagonStatusMessage</p> <p>6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage</p> | | | | | | | | | |

| | |
|--------|---|
| | <p>6005 ILUDataQueryMessage 6006 ILUDataMessage</p> <p>--sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end---</p> <p>6004 RollingStockDatasetQueryMessage</p> <p>-- Sector Messages TCR begin -- 6500 TCRMMessage 6501 TCRRResponseMessage 6502 TCRCanceledMessage -- Sector Messages TCR end --</p> <p>-- sector (TrainID) begin -- 8500 UpateLinkMessage 8501 ObjectInfoMessage -- sector end --</p> <p>9000 ErrorMessage</p> <p>--Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) - Reserved end -</p> |
| source | <pre><xs:element name="MessageType"> <xs:annotation> <xs:documentation>To indicate the message type transmitted or referred to. The following list was agreed within the sector:</pre> <p>1000 ConsignmentOrderMessage</p> <p>2001 PathCanceledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 2005 PathNotAvailableMessage 2006 PathRequestMessage 2007 ReceiptConfirmationMessage</p> <p>-- sector messages (Planning) -- 2500 PathCoordinationMessage 2501 PathSectionNotificationMessage -- sector message end --</p> <p>3003 TrainCompositionMessage 3006 TrainReadyMessage 4001 TrainDelayCauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage 4500 PassengerTrainCompositionMessage</p> <p>-- sector message (Operations) -- 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage</p> |

```

4510      RunningStatusReportMessage
-- sector message end --


5001      AlertMessage
5002      WagonArrivalNoticeMessage
5003      WagonDeliveryNoticeMessage
5004      WagonDepartureNoticeMessage
5006      WagonETI_ETA_Message
5007      WagonExceptionMessage
5008      WagonExceptionReasonMessage

-- sector message (Wagon interchange) --
5009      WagonInterchangeNoticeMessage
5012      WagonReceivedAtInterchangeMessage
5013      WagonRefusedAtInterchangeMessage
-- sector message end --


5014      WagonReleaseNoticeMessage
5015      WagonYardArrivalMessage
5016      WagonYardDepartureMessage
5020      WagonStatusMessage

6002      LocationFileDatasetMessage
6003      RollingStockDatasetMessage
6005      ILUDataQueryMessage
6006      ILUDataMessage

--sector (RU-RU) ---
5500      WagonPerformanceMessage
-- sector end---


6004      RollingStockDatasetQueryMessage

-- Sector Messages TCR begin --
6500      TCRMessage
6501      TCRRResponseMessage
6502      TCRCanceledMessage
-- Sector Messages TCR end --


-- sector (TrainID) begin --
8500      UpateLinkMessage
8501      ObjectInfoMessage
-- sector end --


9000      ErrorMessage

--Reserved: (IM-RU for SFERA) ---
SF00 to SF99 for SFERA messages (see IRS90940)
- Reserved end -


                                </xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="4"/>

```

| | |
|--|---|
| | <pre> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **MessageTypeVersion**

| | |
|------------|---|
| diagram | MessageTypeVersion Version of the Message Type |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | element MessageReference |
| facets | Kind Value Annotation maxLength 25 |
| annotation | documentation Version of the Message Type |
| source | <pre> <xs:element name="MessageTypeVersion"> <xs:annotation> <xs:documentation>Version of the Message Type</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

element **MinBrakedWeightPercent**

| | |
|------------|---|
| diagram | MinBrakedWeightPercent Minimum percentage of braking claimed by IM for safety reasons. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| used by | element PlannedTrainTechnicalData |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 999 |
| annotation | documentation Minimum percentage of braking claimed by IM for safety reasons. |
| source | <pre> <xs:element name="MinBrakedWeightPercent"> <xs:annotation> <xs:documentation>Minimum percentage of braking claimed by IM for safety reasons.</xs:documentation> </xs:annotation> </xs:element> </pre> |

| | |
|--|--|
| | <pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **MinCurveRadius**

| diagram | | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Measured in Metres</p> | | | | | | | | | |
| source | <pre> <xs:element name="MinCurveRadius"> <xs:annotation> <xs:documentation>Measured in Metres</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **MinTemp**

| diagram | | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|-----|--|--------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet/TemperatureRange | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>-99</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>0</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | -99 | | maxInclusive | 0 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | -99 | | | | | | | | | |
| maxInclusive | 0 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Minimum temperature in ° Celsius</p> | | | | | | | | | |

| | |
|--------|---|
| source | <pre><xs:element name="MinTemp"> <xs:annotation> <xs:documentation>Minimum temperature in ° Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="-99"/> <xs:maxInclusive value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|---|

element MinVerticalRadiusYardHump

| diagram |  <p>Minimum allowed vertical radius over yard humps. Measured in meters.</p> | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Minimum allowed vertical radius over yard humps. Measured in meters.</p> | | | | | | | | | |
| source | <pre><xs:element name="MinVerticalRadiusYardHump"> <xs:annotation> <xs:documentation>Minimum allowed vertical radius over yard humps. Measured in meters.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element ModificationReason

| | |
|------------|---|
| diagram |  <p>Identifies the reason for the train journey being modified</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | DelayCode |
| properties | content simple |

| used by | element | TrainJourneyModificationMessage | | |
|---------|------------------|--|--------------------------|---|
| facets | Kind enumeration | Value 11 | Annotation documentation | Formation of trains if managed by infrastructure manager |
| | enumeration | Value 10 | Annotation documentation | Timetable compilation |
| | enumeration | Value 12 | Annotation documentation | Mistakes in operational procedures |
| | enumeration | Value 13 | Annotation documentation | Wrong application of priority rules |
| | enumeration | Value 14 | Annotation documentation | Staff |
| | enumeration | Value 18 | Annotation documentation | Other causes related to the operational planning and management |
| | enumeration | Value 19 | Annotation documentation | Signalling installations |
| | enumeration | Value 20 | Annotation documentation | Signalling installations at level crossings |
| | enumeration | Value 21 | Annotation documentation | Telecommunication installations |
| | enumeration | Value 22 | Annotation documentation | Power supply equipment |
| | enumeration | Value 23 | Annotation documentation | Track |
| | enumeration | Value 24 | Annotation documentation | Structures |
| | enumeration | Value 25 | Annotation documentation | Staff |
| | enumeration | Value 28 | Annotation documentation | Other causes related to infrastructure installations |
| | enumeration | Value 29 | Annotation documentation | Irregularities in execution of construction work |
| | enumeration | Value 31 | Annotation documentation | Planned construction work |
| | enumeration | Value 30 | Annotation documentation | Speed restrictions due to defective track |
| | enumeration | Value 32 | Annotation documentation | Other causes related to Civil engineering |
| | enumeration | Value 39 | Annotation documentation | Delay caused by next IM |
| | enumeration | Value 40 | Annotation documentation | Delay caused by previous IM |
| | enumeration | Value 41 | Annotation documentation | Request of the RU |
| | enumeration | Value 50 | Annotation documentation | Loading operations |
| | enumeration | Value 51 | Annotation documentation | Loading irregularities |
| | enumeration | Value 52 | Annotation documentation | Commercial preparation of the train |
| | enumeration | Value 53 | Annotation documentation | Staff |
| | enumeration | Value 54 | Annotation documentation | Other causes related to commercial causes |
| | enumeration | Value 58 | Annotation documentation | Roster planning/re-rostering |
| | enumeration | Value 59 | Annotation documentation | Formation of trains by the RU |
| | enumeration | Value 60 | Annotation documentation | |
| | enumeration | Value 61 | Annotation documentation | |
| | enumeration | Value 62 | Annotation documentation | |

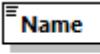
| | | |
|------------|---|---|
| | enumeration 63 | Problems affecting coaches documentation |
| | enumeration 64 | Problems affecting wagons documentation |
| | enumeration 68 | Problems affecting traction units documentation |
| | enumeration 69 | Staff documentation |
| | enumeration 70 | Other causes related to Rolling Stock documentation |
| | enumeration 71 | Delay caused by next RU documentation |
| | enumeration 72 | Delay caused by previous RU documentation |
| | enumeration 80 | Strike documentation |
| | enumeration 81 | Administrative formalities documentation |
| | enumeration 82 | Outside influence documentation |
| | enumeration 83 | Effects of weather and natural causes documentation |
| | enumeration 84 | Delay caused by external reasons on the next network documentation |
| | enumeration 89 | Other external causes documentation |
| | enumeration 90 | Dangerous incidents, accidents and hazards documentation |
| | enumeration 91 | Track occupation caused by the lateness of the same train documentation |
| | enumeration 92 | Track occupation caused by the lateness of another train documentation |
| | enumeration 93 | Turn round documentation |
| | enumeration 94 | Connection documentation |
| | enumeration 95 | Further investigation needed documentation |
| annotation | documentation | Identifies the reason for the train journey being modified |
| source | <pre><xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element></pre> | |

element **ModificationStatusIndicator**

| | |
|------------|---|
| diagram |  <p>This element shows if the location has been added or deleted in the modified train journey</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| used by | element LocationModified |

| | |
|------------|---|
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99 |
| annotation | documentation This elemnt shows if the location has been added or deleted in the modified train journey |
| source | <pre><xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This elemnt shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Name**

| | |
|------------|--|
| diagram |  |
| | Generic Name in Free Text |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| used by | AdministrativeContactInformation Customer Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation Generic Name in Free Text |
| source | <pre><xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element></pre> |

element **NetworkProjectedLocation**

| | |
|------------|--|
| diagram | <pre> graph LR NP[NetworkProjectedLocation] --- ---> NL[NextLocation] NL --- ---> PDL[ProportionOfDistanceBetweenLocations] PDL --- ---> DP[DistancePrecision] </pre> <p>NetworkProjectedLocation Projection of a geographical position on a network line.</p> <p>NextLocation Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</p> <p>ProportionOfDistanceBetweenLocations Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.</p> <p>DistancePrecision Precision of the position along the track. Expressed in metres.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | NextLocation ProportionOfDistanceBetweenLocations DistancePrecision |
| used by | element GeoLocalisationOnNetwork |
| annotation | <p>documentation</p> <p>Projection of a geographical position on a network line.</p> |
| source | <pre> <xs:element name="NetworkProjectedLocation"> <xs:annotation> <xs:documentation>Projection of a geographical position on a network line. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element> <xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|--|
| | <code></xs:complexType></code> <code></xs:element></code> |
|--|--|

element **NetworkProjectedLocation/NextLocation**

| | |
|------------|--|
| diagram | <pre> classDiagram class NextLocation class LocationIdent class CountryCodeISO class LocationPrimaryCode class PrimaryLocationName class LocationSubsidiaryIdentification NextLocation "1" -- "1" LocationIdent LocationIdent "1" -- "1" CountryCodeISO : Identifies a County or State by code (ISO 3166-1) LocationIdent "1" -- "1" LocationPrimaryCode : LocationIdent "1" -- "1" PrimaryLocationName : Location Name in an officiation language of the Country using the ISO Unicode alphabet LocationIdent "1" -- "1" LocationSubsidiaryIdentification : Code, Name and allocation company of Subsidiary Location </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation</p> <p>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</p> |
| source | <pre> <xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

| | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|
| diagram | <pre> classDiagram class ProportionOfDistanceBetweenLoc... </pre> <p>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.</p> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | Percentage | | | | | | |
| properties | content simple | | | | | | |
| facets | <table border="1"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> </table> | Kind | Value | Annotation | minInclusive | 0 | |
| Kind | Value | Annotation | | | | | |
| minInclusive | 0 | | | | | | |

| | |
|------------|--|
| | maxInclusive 100 |
| annotation | documentation Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. |
| source | <pre><xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element></pre> |

element NetworkProjectedLocation/DistancePrecision

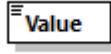
| | |
|------------|--|
| diagram | <p>Precision of the position along the track. Expressed in metres.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:float |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Precision of the position along the track. Expressed in metres. |
| source | <pre><xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element></pre> |

element NetworkSpecificParameter

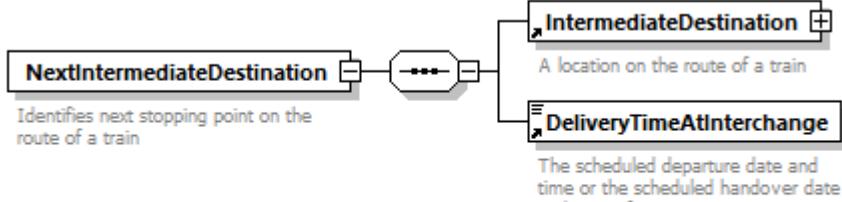
| | |
|------------|--|
| diagram | <p>The usage of this element must be specified in national rules and has to be defined by each IM</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Name Value |
| used by | AffectedSection PathDetailsMessage PathRequestMessage PlannedJourneyLocation |
| annotation | documentation The usage of this element must be specified in national rules and has to be defined by each IM |
| source | <pre><xs:element name="NetworkSpecificParameter"> <xs:annotation> <xs:documentation>The usage of this element must be specified in national rules and has to be defined by each IM</xs:documentation> </xs:annotation></pre> |

| | |
|--|--|
| | <pre><xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element name="Value" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **NetworkSpecificParameter/Value**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| used by | elements Height Length Width |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| source | <pre><xs:element name="Value" type="FreeText"/></pre> |

element **NextIntermediateDestination**

| | |
|------------|--|
| diagram |  <p>NextIntermediateDestination Identifies next stopping point on the route of a train</p> <p>IntermediateDestination A location on the route of a train</p> <p>DeliveryTimeAtInterchange The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | IntermediateDestination DeliveryTimeAtInterchange |
| used by | element WIMO Dataset/ConsignmentLevelData |
| annotation | documentation Identifies next stopping point on the route of a train |
| source | <pre><xs:element name="NextIntermediateDestination"> <xs:annotation> <xs:documentation>Identifies next stopping point on the route of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IntermediateDestination"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|--|
| | <pre></xs:complexType> </xs:element></pre> |
|--|--|

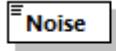
element **NextResponsibleRU**

| diagram |  NextResponsibleRU <p>The RU who is responsible for the train operation on the next journey section.</p> | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | element WIMO Dataset/ConsignmentLevelData | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>The RU who is responsible for the train operation on the next journey section.</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="NextResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU who is responsible for the train operation on the next journey section.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **NHM_Code**

| diagram |  NHM_Code <p>NHM code of the goods</p> | | | | | | | | | |
|------------|---|------------|-------|------------|--------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | NHMCodeType | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon Wagons/GoodsInWagon | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | length | 6 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | |
| length | 6 | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | |
| annotation | <p>documentation</p> <p>NHM code of the goods</p> | | | | | | | | | |
| source | <pre><xs:element name="NHM_Code" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code of the goods</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

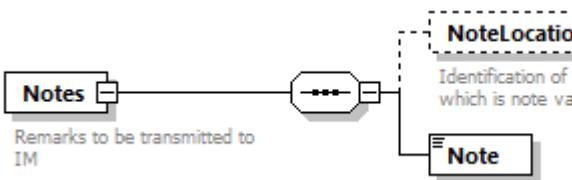
element **Noise**

| diagram |  | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Noise level at stand still in decibels</p> | | | | | | | | | |
| source | <pre><xs:element name="Noise"> <xs:annotation> <xs:documentation>Noise level at stand still in decibels</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

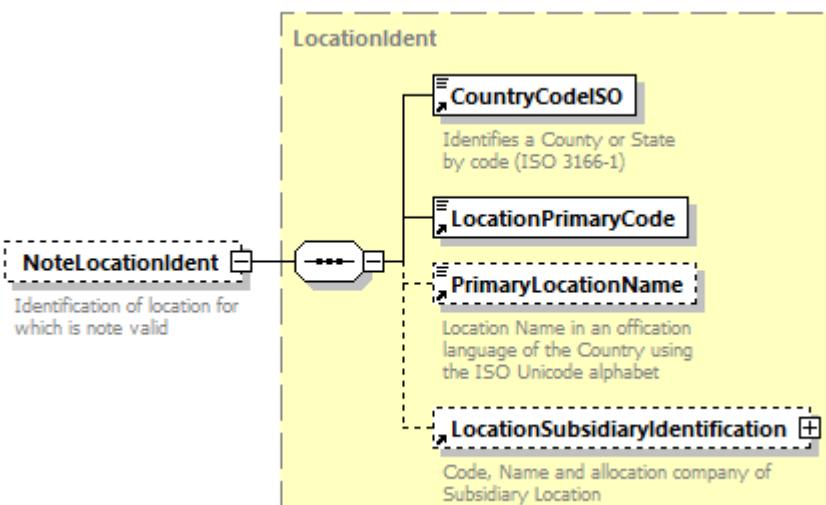
element **NoiseByPassLimit**

| diagram |  | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Noise limit on reference track</p> | | | | | | | | | |
| source | <pre><xs:element name="NoiseByPassLimit"> <xs:annotation> <xs:documentation>Noise limit on reference track</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element Notes

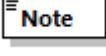
| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | NoteLocationIdent Note |
| used by | element TrainRunningData |
| annotation | documentation Remarks to be transmitted to IM |
| source | <pre><xs:element name="Notes"> <xs:annotation> <xs:documentation>Remarks to be transmitted to IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Note" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element Notes/NoteLocationIdent

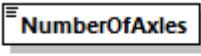
| | |
|---------|--|
| diagram |  |
|---------|--|

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | minOcc 0 maxOcc 1 content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation Identification of location for which is note valid |
| source | <pre><xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element></pre> |

element Notes/Note

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| source | <pre><xs:element name="Note" type="FreeText"/></pre> |

element NumberOfAxles

| | |
|------------|---|
| diagram |  The sum of number of axles of all wagons and all traction units |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| used by | element TrainRunningTechData |
| facets | Kind Value Annotation minInclusive 0000 maxInclusive 9999 |
| annotation | documentation The sum of number of axles of all wagons and all traction units |
| source | <pre><xs:element name="NumberOfAxles"> <xs:annotation> <xs:documentation>The sum of number of axles of all wagons and all traction units</xs:documentation></pre> |

| | |
|--|---|
| | <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **NumberOfBogies**

| diagram |  NumberOfBogies | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 9 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 9 | | | | | | | | | |
| source | <pre> <xs:element name="NumberOfBogies"> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **NumberOfVehicles**

| diagram |  NumberOfVehicles The sum of number of wagons and number of traction units | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|------|--|--------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element TrainRunningTechData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0000</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0000 | | maxInclusive | 9999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 0000 | | | | | | | | | |
| maxInclusive | 9999 | | | | | | | | | |
| annotation | documentation The sum of number of wagons and number of traction units | | | | | | | | | |
| source | <pre> <xs:element name="NumberOfVehicles"> <xs:annotation> <xs:documentation>The sum of number of wagons and number of traction units</xs:documentation> </xs:annotation> </pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **ObjectType**

| diagram |  <p>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--|-------|------------|---------|-------------|--|-------------|----|-----------------------------|-------------|----|-----------------------------|-------------|----|----------------------------|-------------|----|--------------------------------------|-------------|----|------------------------------------|-------------|----|--|-------------|----|--------------------------------------|-------------|----|--------------------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| used by | complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>[0-9A-Z]{2}</td> <td></td> </tr> <tr> <td>enumeration</td> <td>TR</td> <td>documentation Train (TR)</td> </tr> <tr> <td>enumeration</td> <td>RO</td> <td>documentation Route (RO)</td> </tr> <tr> <td>enumeration</td> <td>PA</td> <td>documentation Path (PA)</td> </tr> <tr> <td>enumeration</td> <td>CR</td> <td>documentation Case Reference (CR)</td> </tr> <tr> <td>enumeration</td> <td>PR</td> <td>documentation Path Request (PR)</td> </tr> <tr> <td>enumeration</td> <td>CN</td> <td>documentation Capacity Needs Announcements (CN)</td> </tr> <tr> <td>enumeration</td> <td>CM</td> <td>documentation Capacity Model (CM)</td> </tr> <tr> <td>enumeration</td> <td>CP</td> <td>documentation Catalogue Path (CP)</td> </tr> </tbody> </table> | Kind | Value | Annotation | pattern | [0-9A-Z]{2} | | enumeration | TR | documentation Train (TR) | enumeration | RO | documentation Route (RO) | enumeration | PA | documentation Path (PA) | enumeration | CR | documentation Case Reference (CR) | enumeration | PR | documentation Path Request (PR) | enumeration | CN | documentation Capacity Needs Announcements (CN) | enumeration | CM | documentation Capacity Model (CM) | enumeration | CP | documentation Catalogue Path (CP) |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pattern | [0-9A-Z]{2} | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | TR | documentation Train (TR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | RO | documentation Route (RO) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | PA | documentation Path (PA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CR | documentation Case Reference (CR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | PR | documentation Path Request (PR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CN | documentation Capacity Needs Announcements (CN) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CM | documentation Capacity Model (CM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CP | documentation Catalogue Path (CP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="ObjectType"> <xs:annotation> <xs:documentation>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="[0-9A-Z]{2}" /> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:enumeration value="TR"> <xs:annotation> <xs:documentation>Train (TR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="RO"> <xs:annotation> <xs:documentation>Route (RO)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PA"> <xs:annotation> <xs:documentation>Path (PA)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CR"> <xs:annotation> <xs:documentation>Case Reference (CR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PR"> <xs:annotation> <xs:documentation>Path Request (PR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CN"> <xs:annotation> <xs:documentation>Capacity Needs Announcements (CN)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CM"> <xs:annotation> <xs:documentation>Capacity Model (CM)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CP"> <xs:annotation> <xs:documentation>Catalogue Path (CP)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **Offset**

| | |
|------------|---|
| diagram |  Offset |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:integer |
| properties | content simple |
| used by | element TimingAtLocation/Timing |

| | |
|--------|--|
| source | <code><xs:element name="Offset" type="xs:integer"/></code> |
|--------|--|

element **OffsetToReference**

| | |
|------------|---|
| diagram |  OffsetToReference <p>The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:integer |
| properties | content simple |
| used by | element PlannedCalendar |
| annotation | <p>documentation</p> <p>The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.></p> |
| source | <pre><xs:element name="OffsetToReference" type="xs:integer"> <xs:annotation> <xs:documentation> The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **OnDemandPath**

| | |
|------------|--|
| diagram |  OnDemandPath <p>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |

| | |
|------------|--|
| used by | element PlannedJourneyLocation |
| annotation | documentation For the use of on demand or optional path (has to be either activated or deactivated depending to network rules) |
| source | <pre><xs:element name="OnDemandPath" type="xs:boolean"> <xs:annotation> <xs:documentation>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</xs:documentation> </xs:annotation> </xs:element></pre> |

element **OperationalTrainCouplingStrength**

| diagram | <p>OperationalTrainCouplingStrength</p> <p>OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating</p> | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element PlannedTrainTechnicalData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 9999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 9999 | | | | | | | | | |
| annotation | documentation OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating | | | | | | | | | |
| source | <pre><xs:element name="OperationalTrainCouplingStrength"> <xs:annotation> <xs:documentation> OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **OperationalTrainNumber**

| | |
|-----------|---|
| diagram | <p>OperationalTrainNumber</p> <p>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| type | String1-8 |
| properties | content simple |
| used by | elements OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier PlannedJourneyLocation |
| facets | Kind Value Annotation minLength 1 maxLength 8 |
| annotation | documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc. |
| source | <pre><xs:element name="OperationalTrainNumber" type="String1-8"> <xs:annotation> <xs:documentation>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</xs:documentation> </xs:annotation> </xs:element></pre> |

element [**OperationalTrainNumberIdentifier**](#)

| | |
|------------|--|
| diagram | <pre> classDiagram class OperationalTrainNumberIdentifier { OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer } </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer |
| used by | elements AffectedLocation AffectedSection ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage |
| source | <pre><xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **OriginCountry**

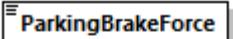
| diagram |  OriginCountry <small>Code of origin country of the UTI.</small> | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|---------|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of CountryIdentISO | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | elements ILU Details ITU Details Wagons/WagonDetails | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Z][A-Z]</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 2 | | maxLength | 2 | | pattern | [A-Z][A-Z] | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 2 | | | | | | | | | | | | |
| maxLength | 2 | | | | | | | | | | | | |
| pattern | [A-Z][A-Z] | | | | | | | | | | | | |
| annotation | <p>documentation Code of origin country of the UTI.</p> <p>documentation CODE: ISO-3166-2</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="OriginCountry"> <xs:annotation> <xs:documentation>Code of origin country of the UTI.</xs:documentation> <xs:documentation>CODE: ISO-3166-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CountryIdentISO"> <xs:pattern value="[A-Z][A-Z]" /> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

element **OverhaulValidityPeriod**

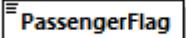
| diagram |  OverhaulValidityPeriod <small>Validity period of last overhaul in years as marked on the wagon</small> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxExclusive</td> <td>20</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxExclusive | 20 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxExclusive | 20 | | | | | | | | | |
| annotation | <p>documentation Validity period of last overhaul in years as marked on the wagon</p> | | | | | | | | | |
| source | <pre><xs:element name="OverhaulValidityPeriod"> <xs:annotation> <xs:documentation>Validity period of last overhaul in years as marked on the wagon</xs:documentation> </xs:annotation></pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxExclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **ParkingBrakeForce**

| diagram |  <p>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</p> | | | | | | | | | |
|----------------|---|------------|-------|------------|-------------|---|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements HandBrake WagonTechData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 5 | | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 5 | | | | | | | | | |
| fractionDigits | 1 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</p> | | | | | | | | | |
| source | <pre> <xs:element name="ParkingBrakeForce"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **PassengerFlag**

| | |
|-----------|---|
| diagram |  <p>Identifies that the Entity or Location is for Passenger Activity</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |

| | |
|------------|---|
| properties | content simple |
| used by | element <u>LocationPrimaryInformation</u> |
| annotation | documentation Identifies that the Entity or Location is for Passenger Activity |
| source | <xs:element name="PassengerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Passenger Activity</xs:documentation> </xs:annotation> </xs:element> |

element **PathCanceledMessage**

| | |
|-----------|--|
| diagram | <pre> classDiagram class MessageHeader { <<Used for all messages>> } class AdministrativeContactInformation { <<Used to define administrative contact information>> } class Identifiers { <<Identifiers>> } class ReferenceTrainIDSubCalendar { <<ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalender>> } class MessageStatus { <<Assigned by the Sender 1=creation, 2=modification, 3=deletion>> } class TypeOfRequest { <<Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)>> } class ProcessType { <<Business process type to further distinguish among type of requests.>> } class TypeOfInformation { <<Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation>> } class CoordinatingIM { <<The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.>> } class LeadRU { <<Lead Railway Undertaking>> } class AffectedSection { <<Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path>> } class FreeTextField { <<Free Text>> } class PathCanceledMessage { <<Path Canceled message according to Short Term Path Request specification (WG5)>> } PathCanceledMessage < -- MessageHeader PathCanceledMessage --> ReferenceTrainIDSubCalendar PathCanceledMessage --> TypeOfRequest PathCanceledMessage --> ProcessType PathCanceledMessage --> TypeOfInformation PathCanceledMessage --> CoordinatingIM PathCanceledMessage --> LeadRU PathCanceledMessage --> AffectedSection PathCanceledMessage --> FreeTextField </pre> <p>PathCanceledMessage class diagram:</p> <ul style="list-style-type: none"> PathCanceledMessage class (represented by a rectangle with a dashed border) has a generalization relationship with MessageHeader. PathCanceledMessage class has associations with: <ul style="list-style-type: none"> ReferenceTrainIDSubCalendar: indicated by a dashed line with open circles at both ends. TypeOfRequest: indicated by a dashed line with open circles at both ends. ProcessType: indicated by a dashed line with open circles at both ends. TypeOfInformation: indicated by a dashed line with open circles at both ends. CoordinatingIM: indicated by a dashed line with open circles at both ends. LeadRU: indicated by a dashed line with open circles at both ends. AffectedSection: indicated by a dashed line with open circles at both ends. FreeTextField: indicated by a dashed line with open circles at both ends. PathCanceledMessage class has a detailed description: "Path Canceled message according to Short Term Path Request specification (WG5)". |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection FreeTextField |
| annotation | documentation Path Canceled message according to Short Term Path Request specification (WG5) |
| source | <pre> <xs:element name="PathCanceledMessage"> <xs:annotation> <xs:documentation>Path Canceled message according to Short Term Path Request specification (WG5)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PathConfirmedMessage**

| | |
|-----------|--|
| diagram | <pre> classDiagram class MessageHeader { Used for all messages } class AdministrativeContactInformation { Used to define administrative contact information } class Identifiers class ReferenceTrainIDSubCalendar { ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar" } class MessageStatus { Assigned by the Sender 1=creation, 2=modification, 3=deletion } class TypeOfRequest class ProcessType class TypeOfInformation class CoordinatingIM class LeadRU { Lead Railway Undertaking } class AffectedSection { 0..∞ Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path } PathConfirmedMessage { <> --> MessageHeader --> AdministrativeContactInformation --> Identifiers --> ReferenceTrainIDSubCalendar --> MessageStatus --> TypeOfRequest --> ProcessType --> TypeOfInformation --> CoordinatingIM --> LeadRU --> AffectedSection } </pre> <p>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection |
| annotation | documentation This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request |
| source | <pre> <xs:element name="PathConfirmedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PathDetailsMessage**

| | |
|-----------|--|
| diagram | <pre> classDiagram class MessageHeader { Used for all messages } class AdministrativeContactInformation { Used to define administrative contact information } class Identifiers class ReferenceTrainIDSubCalendar { ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may be shifted depending on value on element OffsetToReference, i.e. the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalender } class MessageStatus { Assigned by the Sender 1=creation, 2=modification, 3=deletion } class TypeOfRUHarmonization { Type of RU harmonization: Full, Part, None. } class TypeOfIMHarmonization { Enumeration of Type of IM harmonization: Full, Part } class CoordinatingIM { The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs. } class LeadRU { Lead Railway Undertaking } class TypeOfRequest { 1 Path study 2 Path request 3 Path Modification } class ProcessType { Business process type to further distinguish among type of requests. } class TypeOfInformation { Enumeration indicating which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation } class PathInformation class NetworkSpecificParameter { 0..∞ A structured section for specific mandatory attributes for that network. This has to be checked by the application that network section is contained in journey location only if journey location belongs to PathInformation element } class FreeTextField { 0..∞ Free Text } PathDetailsMessage < -- MessageHeader PathDetailsMessage < -- AdministrativeContactInformation PathDetailsMessage < -- Identifiers PathDetailsMessage < -- ReferenceTrainIDSubCalendar PathDetailsMessage < -- MessageStatus PathDetailsMessage < -- TypeOfRUHarmonization PathDetailsMessage < -- TypeOfIMHarmonization PathDetailsMessage < -- CoordinatingIM PathDetailsMessage < -- LeadRU PathDetailsMessage < -- TypeOfRequest PathDetailsMessage < -- ProcessType PathDetailsMessage < -- TypeOfInformation PathDetailsMessage < -- PathInformation PathDetailsMessage < -- NetworkSpecificParameter PathDetailsMessage < -- FreeTextField </pre> <p>This message is used by the IM to the RU confirming details of the path in response to an RU request</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation PathInformation NetworkSpecificParameter FreeTextField |
| annotation | documentation This message is used by the IM to the RU confirming details of the path in response to an RU request |
| source | <pre> <xs:element name="PathDetailsMessage"> <xs:annotation> <xs:documentation>This message is used by the IM to the RU confirming details of the path in response to an RU request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="PathInformation"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PathDetailsRefusedMessage**

| | |
|-----------|--|
| diagram | <pre> classDiagram class PathDetailsRefusedMessage { <<PathDetailsMessage>> ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField } </pre> <p>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField |
| annotation | documentation This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable |
| source | <pre><xs:element name="PathDetailsRefusedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="RevisedRequest" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PathInformation**

| | |
|------------|--|
| diagram | <pre> classDiagram class PathInformation class PlannedJourneyLocation class PlannedCalendar class RequestedCalendar PathInformation "2..∞" -- "1..1" PlannedJourneyLocation PathInformation "1..1" -- "1..1" PlannedCalendar PathInformation "1..1" -- "1..1" RequestedCalendar </pre> <p>The diagram illustrates the structure of the PathInformation element. It is represented as a class with three associations. One association leads to PlannedJourneyLocation, indicated by a multiplicity of 2..∞. Another association leads to PlannedCalendar, indicated by a multiplicity of 1..1. A third association leads to RequestedCalendar, also indicated by a multiplicity of 1..1. The PlannedJourneyLocation class is described as 'Any operation point along the train journey or path'. The PlannedCalendar class is described as 'This is the calendar item for path request/path details messages - used in planning phase'. The RequestedCalendar class is described as 'subset of the requested calendar'.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | PlannedJourneyLocation PlannedCalendar RequestedCalendar |

| used by | elements PathDetailsMessage PathRequestMessage |
|---------|---|
| source | <pre><xs:element name="PathInformation"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"/> <xs:element ref="PlannedCalendar"/> <xs:element ref="RequestedCalendar" minOccurs="0"> <xs:annotation> <xs:documentation>subset of the requested calendar</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PathNotAvailableMessage**

| | |
|-----------|--|
| diagram | <pre> classDiagram class MessageHeader { Used for all messages } class AdministrativeContactInformation { Used to define administrative contact information } class Identifiers class ReferenceTrainIDSubCalendar { ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may be shifted depending on value in element OffsetToReference, i.e. the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar } class MessageStatus { Assigned by the Sender 1=creation, 2=modification, 3=deletion } class TypeOfRequest { Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) } class ProcessType { Business process type to further distinguish among type of requests } class TypeOfInformation { Enumeration indicating to which process step / process type in the planning does the message belong: path study/pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation } class CoordinatingIM { The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs. } class LeadRU { Lead Railway Undertaking } class AffectedSection { 1..∞ Indication for the recipient if not the entire path is affected, e.g. in case of a partial cancellation for the last part of the path } class InterruptionInformation { The main part of this complex element is Interruption Reason (Code list for Train Interruption): A list of codes that denote the reason why a path is no longer available by an IM e.g. Flooding Note: This list is the same as the Code List given by the IM during an interruption of a train during its operation. It is therefore a code that is reused during the interruption caused in planning. The other subelements help describing the interruption information more precisely. } class FreeTextField { 0..∞ Free Text } PathNotAvailableMessage < -- MessageHeader PathNotAvailableMessage < -- AdministrativeContactInformation PathNotAvailableMessage < -- Identifiers PathNotAvailableMessage < -- ReferenceTrainIDSubCalendar PathNotAvailableMessage < -- MessageStatus PathNotAvailableMessage < -- TypeOfRequest PathNotAvailableMessage < -- ProcessType PathNotAvailableMessage < -- TypeOfInformation PathNotAvailableMessage < -- CoordinatingIM PathNotAvailableMessage < -- LeadRU PathNotAvailableMessage < -- AffectedSection PathNotAvailableMessage < -- InterruptionInformation PathNotAvailableMessage < -- FreeTextField </pre> <p>PathNotAvailableMessage (Path Not Available message according to Short Term Path Request specification (WG5))</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection InterruptionInformation FreeTextField |
| annotation | documentation Path Not Available message according to Short Term Path Request specification (WG5) |
| source | <pre><xs:element name="PathNotAvailableMessage"> <xs:annotation> <xs:documentation>Path Not Available message according to Short Term Path Request specification (WG5) </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" maxOccurs="unbounded"/> <xs:element ref="InterruptionInformation"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PathRequestMessage**

| | |
|-----------|--|
| diagram | <pre> classDiagram class PathRequestMessage { <<This message serves to request a train path. The message is sent from the RU to each IM involved.>> <<0..>> <<FreeText>> } class MessageHeader { <<Used for all messages>> } class AdministrativeContactInformation { <<Used to define administrative contact information>> } class Identifiers { <<Identifiers>> } class ReferenceTrainIDSubCalendar { <<ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, i.e the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalendar>> } class MessageStatus { <<Assigned by the Sender 1=creation, 2=modification, 3=deletion>> } class TypeOfRUHarmonization { <<Type of RU harmonization: Full, Part, None.>> } class TypeOfIMHarmonization { <<Enumeration of Type of IM harmonization: Full, Part>> } class CoordinatingIM { <<Proposal from the RU, IM's will decide who will take the role.>> } class LeadRU { <<Lead Railway Undertaking>> } class TypeOfRequest { <<1 Path study 2 Path request 3 Path Modification>> } class ProcessType { <<Business process type to further distinguish among type of requests.>> } class TypeOfInformation { <<Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation>> } class TrainInformation { <<Train Information provided by the RUs as an overview for the whole train journey from origin to destination>> } class PathInformation { <<Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section>> } class NetworkSpecificParameter { <<A structured section for specific mandatory attributes for that network. This has to be checked by the applications that network section is contained in journey location only if journey location belongs to PathInformation element>> <<0..>> } class FreeTextField { <<Free Text>> <<0..>> } PathRequestMessage --> MessageHeader PathRequestMessage --> AdministrativeContactInformation PathRequestMessage --> Identifiers PathRequestMessage --> ReferenceTrainIDSubCalendar PathRequestMessage --> MessageStatus PathRequestMessage --> TypeOfRUHarmonization PathRequestMessage --> TypeOfIMHarmonization PathRequestMessage --> CoordinatingIM PathRequestMessage --> LeadRU PathRequestMessage --> TypeOfRequest PathRequestMessage --> ProcessType PathRequestMessage --> TypeOfInformation PathRequestMessage --> TrainInformation PathRequestMessage --> PathInformation PathRequestMessage --> NetworkSpecificParameter PathRequestMessage --> FreeTextField </pre> <p>This message serves to request a train path. The message is sent from the RU to each IM involved.</p> <p>0..∞</p> <p>Free Text</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField |
| annotation | documentation This message serves to request a train path. The message is sent from the RU to each IM involved. |
| source | <pre> <xs:element name="PathRequestMessage"> <xs:annotation> <xs:documentation>This message serves to request a train path. The message is sent from the RU to each IM involved.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/> <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"> <xs:annotation> <xs:documentation>Proposal from the RU, IM's will decide who will take the role.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="TypeOfRequest"> <xs:annotation> <xs:documentation>1 Path study 2 Path request 3 Path Modification </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation"/> <xs:element ref="TrainInformation"> <xs:annotation> <xs:documentation>Train Information provided by the RUs as an overview for the whole train journey from origin to destination</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PathInformation"> <xs:annotation> <xs:documentation>Information provided by the RU for a requested journey section or by the IM for an offered/booked of the Path section</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>A structured section for specific mandatory attributes for that network. This has to be checked by the applications that </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|--|
| | <p>network section is contained in journey location only if journey location belongs to PathInformation element</p> <pre></xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element PermittedTolerance

| diagram | | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RollingStockDataset/DesignDataSet | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 0 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Permitted tolerance after date of overhaul (in months)</p> | | | | | | | | | |
| source | <pre><xs:element name="PermittedTolerance"> <xs:annotation> <xs:documentation>Permitted tolerance after date of overhaul (in months)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element PhoneNumber

| diagram | | | | |
|------------|---|------------|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | |
| type | CommunicationRefID | | | |
| properties | content simple | | | |
| used by | element AdministrativeContactInformation | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> </table> | Kind | Value | Annotation |
| Kind | Value | Annotation | | |

| | |
|------------|--|
| | minLength 1 maxLength 70 |
| annotation | documentation Generic Phone number in Free text |
| source | <pre><xs:element name="PhoneNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Phone number in Free text</xs:documentation> </xs:annotation> </xs:element></pre> |

element **PickupTimeAtLocation**

| | |
|------------|--|
| diagram |  <p>The date and time of the release of a wagon at customer sidings</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation The date and time of the release of a wagon at customer sidings |
| source | <pre><xs:element name="PickupTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The date and time of the release of a wagon at customer sidings</xs:documentation> </xs:annotation> </xs:element></pre> |

element **PlannedCalendar**

| | |
|------------|---|
| diagram | <p>This is the calendar item for path request/path details messages - used in planning phase</p> <p>BitmapDays Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p> <p>ValidityPeriod</p> <p>OffsetToReference The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calendar earlier than Reference Calendar.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | BitmapDays ValidityPeriod OffsetToReference |
| used by | elements AffectedSection PathInformation TrainInformation |
| annotation | <p>documentation</p> <p>This is the calendar item for path request/path details messages - used in planning phase</p> |
| source | <pre><xs:element name="PlannedCalendar"> <xs:annotation> <xs:documentation>This is the calendar item for path request/path details messages - used in planning phase</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="OffsetToReference" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PlannedDateNextOverhaul**

| | |
|------------|---|
| diagram |  |
| | <p>Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| used by | element RollingStockDataset/DesignDataSet |
| annotation | <p>documentation</p> <p>Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.</p> |
| source | <pre><xs:element name="PlannedDateNextOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper. </xs:documentation> </xs:annotation> </xs:element></pre> |

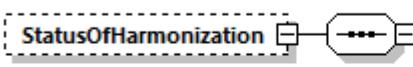
element **PlannedJourneyLocation**

| | |
|-----------|---|
| diagram | <pre> classDiagram class LocationIdent { <<extension>> CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } class PlannedJourneyLocation { <<Any operation point along the train journey or path>> FreeText ResponsibleApplicant ResponsibleEU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter JourneyLocationTypeCode } LocationIdent < -- PlannedJourneyLocation FreeText "0..>" --> PlannedJourneyLocation ResponsibleApplicant "0..>" --> PlannedJourneyLocation ResponsibleEU "0..>" --> PlannedJourneyLocation ResponsibleIM "0..>" --> PlannedJourneyLocation PlannedTrainData "0..>" --> PlannedJourneyLocation StatusOfHarmonization "0..>" --> PlannedJourneyLocation TrainActivity "0..>" --> PlannedJourneyLocation OnDemandPath "0..>" --> PlannedJourneyLocation PreArrangedPath "0..>" --> PlannedJourneyLocation OperationalTrainNumber "0..>" --> PlannedJourneyLocation NetworkSpecificParameter "0..>" --> PlannedJourneyLocation JourneyLocationTypeCode "1..>" --> PlannedJourneyLocation </pre> |
| namespace | http://www.era.europa.eu/schemes/TAF-TSI/3.4 |

| | |
|------------|---|
| type | extension of LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter JourneyLocationTypeCode |
| used by | elements PathInformation TrainInformation |
| annotation | documentation Any operation point along the train journey or path |
| source | <pre> <xs:element name="PlannedJourneyLocation"> <xs:annotation> <xs:documentation>Any operation point along the train journey or path</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="1"> <xs:element ref="TimingAtLocation" minOccurs="0"/> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="ResponsibleApplicant" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="ResponsibleIM" minOccurs="0"/> <xs:element ref="PlannedTrainData" minOccurs="0"/> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TrainActivity" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OnDemandPath" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre> |

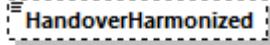
| | |
|--|--|
| | <pre> <xs:element ref="PreArrangedPath" minOccurs="0"/> <xs:element ref="OperationalTrainNumber" minOccurs="0"/> <xs:element ref="NetworkSpecificParameter" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="JourneyLocationTypeCode" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre> |
|--|--|

element PlannedJourneyLocation/StatusOfHarmonization

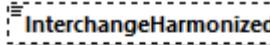
| | | | |
|------------|--|--|---|
| diagram |  <p>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p> | HandoverHarmonized IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications. | InterchangeHarmonized RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| properties | minOcc 0 maxOcc 1 content complex | | |
| children | HandoverHarmonized InterchangeHarmonized | | |
| annotation | documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not. | | |
| source | <pre> <xs:element name="StatusOfHarmonization" minOccurs="0"> <xs:annotation> <xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> | | |

| | |
|--|--|
| | <pre> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

| | |
|------------|---|
| diagram |  <p>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications. |
| source | <pre> <xs:element name="HandoverHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **PlannedJourneyLocation/StatusOfHarmonization/InterchangeHarmonized**

| | |
|------------|---|
| diagram |  <p>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications |
| source | <pre> <xs:element name="InterchangeHarmonized" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications.</xs:documentation> </xs:annotation> </xs:element> </pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **PlannedSpeed**

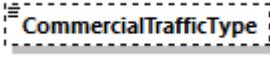
| diagram |  <p>IM may inform the RA on the speed which was the basis for path construction</p> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|-----|--|--------------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Speed | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element PlannedTrainTechnicalData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 001 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 001 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>IM may inform the RA on the speed which was the basis for path construction</p> | | | | | | | | | |
| source | <pre><xs:element name="PlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **PlannedTrainData**

| | |
|-----------|--|
| diagram | <pre> classDiagram class PlannedTrainData { <<Train relevant data for a planning period>> } class TrainType class TrafficType class PushPullTrain class TypeofService class CommercialTrafficType class PlannedTrainTechnicalData class ExceptionalGaugingIdent class DangerousGoodsIndication class CombinedTrafficLoadProfile PlannedTrainData "1" --> "1" TrainType PlannedTrainData "1" --> "1" TrafficType PlannedTrainData "1" --> "1" PushPullTrain PlannedTrainData "1" --> "1" TypeofService PlannedTrainData "1" --> "1" CommercialTrafficType PlannedTrainData "1" --> "1" PlannedTrainTechnicalData PlannedTrainData "*" --> "0..∞" ExceptionalGaugingIdent PlannedTrainData "*" --> "0..∞" DangerousGoodsIndication PlannedTrainData "*" --> "0..∞" CombinedTrafficLoadProfile </pre> <p>PlannedTrainData (Train relevant data for a planning period)</p> <ul style="list-style-type: none"> TrainType: Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning. TrafficType: information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits) PushPullTrain: Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X. TypeofService: Information about the services available on a train. Used for publication towards the passenger CommercialTrafficType PlannedTrainTechnicalData: Shows the relevant technical data for a running train ExceptionalGaugingIdent: 0..∞ Indicates that an exceptional Gauging is in the train or for the wagon DangerousGoodsIndication: 0..∞ Identifies dangerous goods CombinedTrafficLoadProfile: This element does refer to combined load units that can be used for Freight Requests only. There are two entry options:<ul style="list-style-type: none"> One option refers to "P" (Semi-trailer/road semi-trailer); The other option refers to "C" (Swap body); The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | TrainType TrafficType PushPullTrain TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication CombinedTrafficLoadProfile |
| used by | element PlannedJourneyLocation |
| annotation | documentation Train relevant data for a planning period |
| source | <pre><xs:element name="PlannedTrainData"> <xs:annotation> <xs:documentation>Train relevant data for a planning period</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> <xs:element ref="TrafficType" minOccurs="0"/> <xs:element ref="PushPullTrain" minOccurs="0"/> <xs:element ref="TypeofService" minOccurs="0"/> <xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/> <xs:element ref="PlannedTrainTechnicalData"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PlannedTrainData/CommercialTrafficType**

| diagram |  | | | | | | | | | | | | |
|-------------|---|---|-------|------------|-----------|----|--|-------------|----|---|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | type7009BrandNameCodeList | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>17</td> <td></td> </tr> <tr> <td>enumeration</td> <td>46</td> <td>documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0</td> </tr> <tr> <td>enumeration</td> <td>47</td> <td>documentation TAC documentation TAC</td> </tr> </tbody> </table> | Kind | Value | Annotation | maxLength | 17 | | enumeration | 46 | documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0 | enumeration | 47 | documentation TAC documentation TAC |
| Kind | Value | Annotation | | | | | | | | | | | |
| maxLength | 17 | | | | | | | | | | | | |
| enumeration | 46 | documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0 | | | | | | | | | | | |
| enumeration | 47 | documentation TAC documentation TAC | | | | | | | | | | | |

| | | |
|--|--|--|
| | | documentation Car sleeper train, motor rail (CST) documentation 14 documentation 0 enumeration 48 documentation SAE documentation SAE documentation Unaccompanied car service, motor rail documentation 14 documentation 0 enumeration 49 documentation EIC documentation EkspresIC documentation Fast and Comfortable Interregional trains documentation 10 documentation 0 enumeration 50 documentation EC documentation EuroCity documentation EuroCity documentation 9 documentation 0 enumeration 51 documentation ICE documentation ICE documentation ICE documentation 8 documentation 0 enumeration 52 documentation AVE documentation AVE documentation AVE documentation 8 documentation 0 enumeration 53 documentation EIL documentation EUROSTAR documentation Eurostar documentation |
|--|--|--|

| | | |
|--|--|---|
| | | 8 documentation 0 documentation documentation Talgo documentation 9 documentation 0 documentation OTU documentation Oresundstog documentation Oresundstog documentation 10 documentation 0 documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8 documentation 0 documentation TRN documentation Intercités documentation Intercités documentation 9 documentation 0 documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0 documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0 |
|--|--|---|

| | | |
|--|----------------|---|
| | enumeration 62 | documentation documentation documentation Suburban service documentation 12 documentation 0 |
| | enumeration 63 | documentation IC documentation Intercity documentation Intercity documentation 9 documentation 0 |
| | enumeration 64 | documentation documentation Hotel Train documentation 13 documentation 0 |
| | enumeration 65 | documentation documentation Ferry documentation hydrofoil documentation 33 documentation 0 |
| | enumeration 66 | documentation IC documentation Intercity documentation Inter City Lyn documentation 9 documentation 0 |
| | enumeration 67 | documentation documentation TRN documentation 10 documentation 0 |
| | enumeration 68 | documentation |

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| | | documentation |
| | | documentation |
| | | International |
| | | documentation |
| | | 9 |
| | | documentation |
| | | 0 |
| | enumeration 69 | documentation |
| | | documentation |
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| | | documentation |
| | | Express |
| | | documentation |
| | | 10 |
| | | documentation |
| | | 0 |
| | enumeration 70 | documentation |
| | | EN |
| | | documentation |
| | | EuroNight |
| | | documentation |
| | | Euro Night |
| | | documentation |
| | | 13 |
| | | documentation |
| | | 0 |
| | enumeration 71 | documentation |
| | | HST |
| | | documentation |
| | | High-speed train |
| | | documentation |
| | | High-speed train |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 72 | documentation |
| | | TRN |
| | | documentation |
| | | TRAIN |
| | | documentation |
| | | Train SNCF |
| | | documentation |
| | | 9 |
| | | documentation |
| | | 0 |
| | enumeration 73 | documentation |
| | | TGV |
| | | documentation |
| | | TGV |
| | | documentation |
| | | TGV Sud-Est |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 74 | documentation |
| | | TGV |
| | | documentation |

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| | | TGV documentation TGV Atlantique documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Nord documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Lyria documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Duplex documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Est documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Interconnexion documentation 8 documentation 0 documentation documentation THALYS documentation Thalys |
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| | | documentation |
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| | | 0 |
| | enumeration 83 | documentation |
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| | | documentation |
| | | Ferry |
| | | documentation |
| | | hovercraft |
| | | documentation |
| | | 33 |
| | | documentation |
| | | 0 |
| | enumeration 84 | documentation |
| | | RE |
| | | documentation |
| | | regional train |
| | | documentation |
| | | Regional |
| | | documentation |
| | | 11 |
| | | documentation |
| | | 0 |
| | enumeration 85 | documentation |
| | | WTE |
| | | documentation |
| | | Wilhelm Tell Express |
| | | documentation |
| | | Wilhelm Tell Express |
| | | documentation |
| | | 10 |
| | | documentation |
| | | 0 |
| | enumeration 87 | documentation |
| | | |
| | | documentation |
| | | PENDOLINO |
| | | documentation |
| | | Pendolino |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 88 | documentation |
| | | Suburban |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 89 | documentation |
| | | ALV |
| | | documentation |
| | | Alvia |
| | | documentation |
| | | Alvia |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 90 | documentation |
| | | AVN |
| | | documentation |

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| | | Avant documentation Avant documentation 8 documentation 0 documentation TER documentation TRAIN documentation Regional TER documentation 11 documentation 0 documentation REG documentation NSB Regiotog documentation NSB Regiotog documentation 37 documentation 0 documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA documentation 8 documentation 0 documentation SC documentation SuperCity documentation Supercity documentation 9 documentation 0 documentation CNL documentation City Night Line (D) documentation DB Nachtzug documentation 13 documentation 0 documentation INI documentation InterCityNotte Italia documentation InterCityNotte |
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| | | documentation 13 documentation 0 enumeration 97 documentation GB documentation ATOCA MEMBER OPERATED SERVICE documentation ATOCA MEMBER OPERATED SERVICE documentation 37 documentation 0 enumeration 98 documentation ESI documentation ES* Italia documentation Eurostar Italia documentation 8 documentation 0 enumeration 99 documentation documentation documentation Funicular documentation 15 documentation 0 enumeration 100 documentation documentation documentation Airport train documentation 12 documentation 0 enumeration 101 documentation Night train documentation 13 documentation 0 enumeration 102 documentation documentation documentation Touristic train documentation 9 documentation 0 enumeration 107 documentation |
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| | | documentation |
| | | documentation Historical train, steam engine train |
| | | documentation 16 |
| | | documentation 0 |
| | enumeration 108 | documentation IRE |
| | | documentation IRE |
| | | documentation Interregio-Express |
| | | documentation 10 |
| | | documentation 0 |
| | enumeration 109 | documentation RB |
| | | documentation RB |
| | | documentation Regionalbahn |
| | | documentation 11 |
| | | documentation 0 |
| | enumeration 110 | documentation RE |
| | | documentation RE |
| | | documentation Regional-Express |
| | | documentation 11 |
| | | documentation 0 |
| | enumeration 111 | documentation RT |
| | | documentation RT |
| | | documentation RegioTram |
| | | documentation 11 |
| | | documentation 0 |
| | enumeration 112 | documentation |
| | | documentation |
| | | documentation Shinkansen |
| | | documentation 8 |
| | | documentation 0 |
| | enumeration 113 | documentation THT |
| | | documentation |

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| | | TrainHotel Talgo documentation Train hotel talgo documentation 13 documentation 0 enumeration 114 documentation EUR documentation Euromed documentation Euromed documentation 9 documentation 0 enumeration 115 documentation ALR documentation Alaris documentation Alaris documentation 9 documentation 0 enumeration 116 documentation ALT documentation Altaria documentation Altaria documentation 9 documentation 0 enumeration 117 documentation ARC documentation Arco documentation intercity documentation 9 documentation 2 enumeration 119 documentation documentation documentation S-Bahn documentation 12 documentation 0 enumeration 121 documentation Night Train documentation Night Train documentation 13 |
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| | | documentation |
| | | 0 |
| | enumeration 122 | documentation |
| | | IR |
| | | documentation |
| | | Interregional |
| | | documentation |
| | | Interregional |
| | | documentation |
| | | 10 |
| | | documentation |
| | | 0 |
| | enumeration 123 | documentation |
| | | IRN |
| | | documentation |
| | | Interregional Night Train |
| | | documentation |
| | | Interregional Night Train |
| | | documentation |
| | | 13 |
| | | documentation |
| | | 2 |
| | enumeration 124 | documentation |
| | | NLT |
| | | documentation |
| | | TOLSTOI |
| | | documentation |
| | | Tolstoi |
| | | documentation |
| | | 13 |
| | | documentation |
| | | 0 |
| | enumeration 126 | documentation |
| | | documentation |
| | | documentation |
| | | ARZ |
| | | documentation |
| | | 14 |
| | | documentation |
| | | 0 |
| | enumeration 128 | documentation |
| | | AVE |
| | | documentation |
| | | RENFE SNCF EN COOPERATION |
| | | documentation |
| | | RENFE SNCF |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 129 | documentation |
| | | TGV |
| | | documentation |
| | | RENFE SNCF EN COOPERATION |
| | | documentation |
| | | RENFE SNCF |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 130 | documentation |

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| | | BUS documentation IC Bus documentation Bus documentation 32 documentation 0 documentation BUS documentation IC Bus international documentation Bus documentation 32 documentation 0 documentation documentation special train documentation Sonderzug documentation 9 documentation 0 documentation documentation InterCityRapid documentation 9 documentation 0 documentation documentation InterPic documentation 9 documentation 0 documentation documentation Fast train documentation 9 documentation 0 documentation |
| | enumeration 131 | |
| | enumeration 153 | |
| | enumeration 154 | |
| | enumeration 155 | |
| | enumeration 157 | |
| | enumeration 158 | |

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| | | documentation |
| | | documentation |
| | | Euregio |
| | | documentation |
| | | 11 |
| | | documentation |
| | | 0 |
| | enumeration 159 | documentation |
| | | documentation |
| | | Bus |
| | | documentation |
| | | IC Ersatzbus |
| | | documentation |
| | | 32 |
| | | documentation |
| | | 0 |
| | enumeration 160 | documentation |
| | | documentation |
| | | Bus |
| | | documentation |
| | | IP Ersatzbus |
| | | documentation |
| | | 32 |
| | | documentation |
| | | 0 |
| | enumeration 162 | documentation |
| | | documentation |
| | | Bus |
| | | documentation |
| | | Replacement Bus |
| | | documentation |
| | | 32 |
| | | documentation |
| | | 0 |
| | enumeration 163 | documentation |
| | | TGV |
| | | documentation |
| | | TGV |
| | | documentation |
| | | TGV Duplex Lyria |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 0 |
| | enumeration 166 | documentation |
| | | TGV |
| | | documentation |
| | | TGV INOUI |
| | | documentation |
| | | TGV Duplex France Allemagne |
| | | documentation |
| | | 8 |
| | | documentation |
| | | 2 |
| | enumeration 170 | documentation |
| | | YHT |
| | | documentation |
| | | YHT |

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| | | documentation High speed train in Turkey documentation 8 documentation 0 documentation FA documentation FRECCIARGENTO documentation FRECCIARGENTO documentation 8 documentation 0 documentation FR documentation FRECCIAROSSA documentation FRECCIAROSSA documentation 8 documentation 0 documentation AP documentation Albula Panoramawagen documentation Albula Panoramawagen documentation 10 documentation 0 documentation BEX documentation Bernina Express documentation Bernina Express (Panorama Train) documentation 10 documentation 0 documentation GEX documentation Glacier Express documentation Glacier Express (Panorama Train) documentation 10 documentation 0 documentation GP documentation Golden Pass documentation Golden Pass (Panorama Train) documentation |
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| | | 10 documentation 0 documentation BNI documentation Bernina Panorama documentation Bernina Panorama documentation 11 documentation 0 documentation zb documentation zb Zentralbahn AG documentation Luzern-Interlaken Express (Panorama Train) documentation 10 documentation 0 documentation BXB documentation Bernina Express Bus documentation Bernina Express (Panorama Bus) documentation 32 documentation 0 documentation GGB documentation Gornergrat Bahn documentation Mountain train documentation 10 documentation 0 documentation ICE documentation ICE-Allemagne France documentation ICE Allemagne-France documentation 8 documentation 0 documentation documentation ÖBB-NIGHTLINE documentation ÖBB Night Line documentation 13 documentation 0 |
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| | enumeration 205 | documentation ICP documentation Intercity Plus documentation Intercity Plus documentation 9 documentation 0 |
| | enumeration 206 | documentation RID documentation Riviera Day documentation Riviera day documentation 9 documentation 0 |
| | enumeration 207 | documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0 |
| | enumeration 209 | documentation RJ documentation RAIL JET documentation Rail Jet documentation 9 documentation 0 |
| | enumeration 213 | documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0 |
| | enumeration 214 | documentation documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0 |
| | enumeration 215 | documentation documentation |

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| | | Railpromo Austria Express/Treski documentation Austria Express/Treski documentation 13 documentation 0 documentation |
| | | documentation PRECIOS MERCADO documentation Precios Mercado documentation 9 documentation 0 documentation |
| | | TGV documentation TGV documentation TGV documentation 8 documentation 0 documentation |
| | | FB documentation FB documentation FernBus documentation 32 documentation 0 documentation |
| | | ICB documentation Intercitybus documentation ÖBB-Intercitybus documentation 32 documentation 0 documentation |
| | | TLK documentation TLK train documentation Yours Rail Lines documentation 10 documentation 0 documentation |
| | | A documentation RailBus documentation RailBus |

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| | | documentation 32 documentation 0 enumeration 227 documentation BUS documentation Replacement bus for Regional Train documentation Replacement bus for Regional Train documentation 32 documentation 0 enumeration 228 documentation IR documentation InterREGIO train documentation InterREGIO train documentation 10 documentation 0 enumeration 229 documentation IRB documentation Replacement bus for InterRegio train documentation Replacement bus for InterRegio train documentation 32 documentation 0 enumeration 230 documentation MP documentation Fast International Train documentation Fast International Train documentation 10 documentation 0 enumeration 231 documentation MR documentation musicREGIO train documentation musicREGIO train documentation 11 documentation 0 enumeration 232 documentation Os documentation Stopping Train documentation Stopping Train documentation 11 documentation |
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| | enumeration 233 | 0 documentation P documentation Fast Train documentation Fast Train documentation 10 documentation 0 |
| | enumeration 234 | documentation R documentation REGIO train documentation REGIO train documentation 11 documentation 0 |
| | enumeration 235 | documentation RE documentation REGIOekspres train documentation REGIOekspres train documentation 10 documentation 0 |
| | enumeration 236 | documentation VR documentation viaREGIO train documentation viaREGIO train documentation 11 documentation 0 |
| | enumeration 237 | documentation TK documentation TurKol documentation TurKol documentation 11 documentation 0 |
| | enumeration 238 | documentation EIP documentation EIC Premium documentation High-speed train documentation 8 documentation 0 |
| | enumeration 239 | documentation SKM |

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| | | documentation PKP SKM w Trojmiescie documentation PKP SKM w Trojmiescie documentation 12 documentation 0 enumeration 240 documentation SA documentation SAPSAN documentation High speed train documentation 8 documentation 0 enumeration 242 documentation STR documentation STRIZH documentation Strizh night train documentation 13 documentation 0 enumeration 243 documentation STR documentation STRIZH documentation Strizh interregional documentation 8 documentation 0 enumeration 244 documentation NJ documentation NJ documentation NJ Night Jet documentation 13 documentation 0 enumeration 245 documentation CAR documentation AUTOCAR documentation French regional buses (not sold via Hermes) documentation 32 documentation 0 enumeration 246 documentation RJX documentation RJX documentation |
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| | | RJX railjet xpress documentation 8 documentation 0 documentation CJX documentation CJX documentation CJX cityjet xpress documentation 10 documentation 0 documentation Night train BC documentation Night train BC documentation 13 documentation 0 documentation TGV documentation TGV INOUI documentation TGV INOUI documentation 8 documentation 0 documentation TGV documentation TGV INOUI documentation TGV INOUI DUPLEX (double decker TGV) documentation 8 documentation 0 documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation 10 documentation 0 documentation TGO documentation Treno Gottardo documentation Treno Gottardo (Panorama Train) documentation 10 documentation 0 |
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| | enumeration 253 | documentation VAE documentation Voralpen-Express documentation Voralpen-Express (Panorama Train) documentation 10 documentation 0 |
| | enumeration 254 | documentation LK documentation FRECCIALINK documentation FRECCIALINK documentation 32 documentation 0 |
| | enumeration 255 | documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation 13 documentation 0 |
| | enumeration 256 | documentation ABS documentation ANEK – SUPERFAST JOINT VENTURE documentation Domestic routes Crete documentation 33 documentation 0 |
| | enumeration 257 | documentation ASF documentation ANEK – SUPERFAST JOINT VENTURE documentation International Lines Italy-Greece and V.V. documentation 33 documentation 0 |
| | enumeration 258 | documentation BSF documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0 |
| | enumeration 259 | documentation HSW documentation |

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| | BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0 |
| source | <xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/> |

element **PlannedTrainTechnicalData**

| | |
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| diagram | <pre> graph TD PTTD[PlannedTrainTechnicalData] --> TrainWeight[TrainWeight] PTTD --> TrainLength[TrainLength] PTTD --> TractionDetails[TractionDetails] PTTD --> MaxAdmissibleWeight[MaxAdmissibleWeight] PTTD --> RouteClass[RouteClass] PTTD --> BrakeType[BrakeType] PTTD --> EmergencyBrakeOverride[EmergencyBrakeOverride] PTTD --> BrakingRatio[BrakingRatio] PTTD --> MinBrakedWeightPercent[MinBrakedWeightPercent] PTTD --> BrakeWeight[BrakeWeight] PTTD --> TrainCCSystem[TrainCC_System] PTTD --> TrainRadioSystem[TrainRadioSystem] PTTD --> TiltFunction[TiltFunction] PTTD --> OperationalTrainCouplingStrength[OperationalTrainCouplingStrength] PTTD --> BogieWagonsOnly[BogieWagonsOnly] </pre> <p>The diagram illustrates the structure of the PlannedTrainTechnicalData element. It is a complex type with several sub-elements. The sub-elements include TrainWeight, TrainLength, TractionDetails, MaxAdmissibleWeight, RouteClass, BrakeType, EmergencyBrakeOverride, BrakingRatio, MinBrakedWeightPercent, BrakeWeight, TrainCC_System, TrainRadioSystem, TiltFunction, OperationalTrainCouplingStrength, and BogieWagonsOnly. The PlannedTrainTechnicalData element also has a note indicating it shows relevant technical data for a running train.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |

| | |
|------------|--|
| children | TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxleWeight RouteClass BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC_System TrainRadioSystem TiltingFunction OperationalTrainCouplingStrength BogieWagonsOnly |
| used by | element PlannedTrainData |
| annotation | documentation Shows the relevant technical data for a running train |
| source | <pre> <xs:element name="PlannedTrainTechnicalData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="WeightOfSetOfCarriages" minOccurs="0"/> <xs:element ref="LengthOfSetOfCarriages" minOccurs="0"/> <xs:element ref="TractionDetails" maxOccurs="unbounded"/> <xs:element ref="TrainMaxSpeed"/> <xs:element ref="HighestPlannedSpeed" minOccurs="0"/> <xs:element ref="PlannedSpeed" minOccurs="0"/> <xs:element ref="Coasting" minOccurs="0"/> <xs:element ref="MaxAxleWeight" minOccurs="0"/> <xs:element ref="RouteClass" minOccurs="0"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure).</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="MinBrakedWeightPercent" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TrainRadioSystem" minOccurs="0"/> <xs:element ref="TiltingFunction" minOccurs="0"> <xs:annotation> <xs:documentation>Indicates if a train uses a tilting system</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OperationalTrainCouplingStrength" minOccurs="0"/> <xs:element ref="BogieWagonsOnly" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **PlannedTransportIdentifiers**

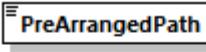
| | |
|------------|---|
| diagram | <pre> classDiagram class CompositIdentifierPlannedType { ObjectType Company Core Variant TimetableYear StartDate } class PlannedTransportIdentifiers { <>--- CompositIdentifierPlannedType } </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>CompositIdentifierPlannedType</u> |
| properties | content complex |
| children | <u>ObjectType</u> <u>Company</u> <u>Core</u> <u>Variant</u> <u>TimetableYear</u> <u>StartDate</u> |
| used by | elements <u>ErrorMessage</u> <u>Identifiers</u> |
| source | <code><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></code> |

element **PostalCode**

| | |
|-----------|---|
| diagram | <pre> classDiagram class PostalCode </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| type | restriction of xs:string |
| properties | content simple |
| facets | Kind Value Annotation minLength 1 maxLength 10 |
| annotation | documentation The postal code for the postal address |
| source | <pre><xs:element name="PostalCode"> <xs:annotation> <xs:documentation>The postal code for the postal address</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element PreArrangedPath

| | |
|------------|---|
| diagram |  <p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | element PlannedJourneyLocation |
| facets | Kind Value Annotation minLength 1 maxLength 9 |
| annotation | documentation Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services. |
| source | <pre><xs:element name="PreArrangedPath"> <xs:annotation> <xs:documentation>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
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| | <code></xs:element></code> |
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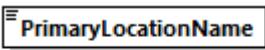
element **PreviousConsignmentNumber**

| | |
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| diagram |  <p>This element shows the previous Reference number assigned to a consignment by a lead RU</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>ConsignmentIdent</u> |
| properties | content complex |
| used by | element <u>WIMO Dataset/ConsignmentLevelData</u> |
| annotation | documentation This element shows the previous Reference number assigned to a consignment by a lead RU |
| source | <pre><xs:element name="PreviousConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>This element shows the previous Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element></pre> |

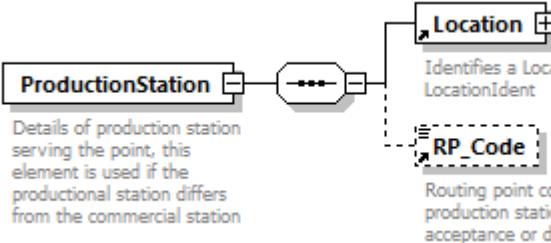
element **PreviousResponsibleRU**

| diagram |  <p>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</p> | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | <u>CompanyCode</u> | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | element <u>WIMO Dataset/ConsignmentLevelData</u> | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point | | | | | | | | | | | | |
| source | <pre><xs:element name="PreviousResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **PrimaryLocationName**

| | |
|------------|---|
| diagram |  |
| | Location Name in an officiation language of the Country using the ISO Unicode alphabet |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| used by | complexType LocationIdent |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation Location Name in an officiation language of the Country using the ISO Unicode alphabet |
| source | <pre><xs:element name="PrimaryLocationName" type="FreeText"> <xs:annotation> <xs:documentation>Location Name in an officiation language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre> |

element **ProductionStation**

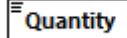
| | |
|------------|--|
| diagram |  |
| | Details of production station serving the point, this element is used if the productional station differs from the commercial station |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location RP_Code |
| used by | elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint |
| annotation | documentation Details of production station serving the point, this element is used if the productional station differs from the commercial station |
| source | <pre><xs:element name="ProductionStation"> <xs:annotation> <xs:documentation>Details of production station serving the point, this element is used if the productional station differs from the commercial station</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/></pre> |

| | |
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| | <pre><xs:element ref="RP_Code" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
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element PushPullTrain

| | |
|------------|---|
| diagram |  PushPullTrain Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element PlannedTrainData |
| annotation | documentation Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X. |
| source | <pre><xs:element name="PushPullTrain" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</xs:documentation> </xs:annotation> </xs:element></pre> |

element Quantity

| | |
|------------|--|
| diagram |  Quantity Amount of the loading tackles of the specified type. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | content simple |
| used by | elements ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99999 |
| annotation | documentation Amount of the loading tackles of the specified type. |
| source | <pre><xs:element name="Quantity"> <xs:annotation> <xs:documentation>Amount of the loading tackles of the specified type.</xs:documentation> </xs:annotation> <xs:simpleType></pre> |

| | |
|--|--|
| | <pre><xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element **ReceiptConfirmationMessage**

| | |
|------------|---|
| diagram | <p>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader Identifiers ReferenceTrainIDSubCalendar TypeOfRequest TypeOfInformation AffectedSection |

| | AffectedLocation Remarks InternalReferenceIdentifier RelatedReference |
|------------|--|
| annotation | <p>documentation</p> <p>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4.</p> <p>The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</p> |
| source | <pre><xs:element name="ReceiptConfirmationMessage"> <xs:annotation> <xs:documentation>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="AffectedLocation" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="RelatedReference"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element Recipient

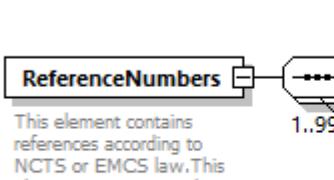
| diagram | <pre> classDiagram class Recipient { <<Receiver of the message>> } class CI_InstanceNumber { <<Number of a Common Interface Instance for the same Company>> } Recipient "1" -- "0..1" CI_InstanceNumber CI_InstanceNumber <<Number of a Common Interface Instance for the same Company>> </pre> | | | | | | | | | | | | |
|-----------------------------------|---|------------|---------|------------|-------------------------------------|-------|------------|-----------------------------------|----------------------------|--|---------|-------------|-------------------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | extension of CompanyCode | | | | | | | | | | | | |
| properties | content complex | | | | | | | | | | | | |
| used by | element MessageHeader | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>CI_InstanceNumber</td> <td>Numeric2-2</td> <td></td> <td></td> <td></td> <td>documentation Number of a Common</td> </tr> </tbody> </table> | Name | Type | Use | Default | Fixed | Annotation | CI_InstanceNumber | Numeric2-2 | | | | documentation Number of a Common |
| Name | Type | Use | Default | Fixed | Annotation | | | | | | | | |
| CI_InstanceNumber | Numeric2-2 | | | | documentation Number of a Common | | | | | | | | |

| | | |
|------------|--|--|
| | | Interface Instance for the same Company |
| annotation | documentation Receiver of the message | |
| source | <pre><xs:element name="Recipient"> <xs:annotation> <xs:documentation>Receiver of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element></pre> | |

element **ReferencedLocationDateTime**

| | |
|------------|---|
| diagram |  <p>Reference to original planned Date and Time agreed by all involved IMs and RUs.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | DelayEventReport InterruptionPoint TrainAtLocation TrainLocationReport |
| annotation | documentation Reference to original planned Date and Time agreed by all involved IMs and RUs. |
| source | <pre><xs:element name="ReferencedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Reference to original planned Date and Time agreed by all involved IMs and RUs. </xs:documentation> </xs:annotation> </xs:element></pre> |

element **ReferenceNumbers**

| | |
|-----------|---|
| diagram |  <p>This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!</p> <p>MovementReferenceNumber Movement Reference Number according to NCTS</p> <p>ARC Administrative Reference CodeEMCS (Excise Movement and Control System)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | MovementReferenceNumber ARC |
| used by | elements Wagons/GoodsInWagon ILU Details ITU Details |
| annotation | documentation This element contains references according to NCTS or EMCS law. This element MUST NOT be empty! |
| source | <pre> <xs:element name="ReferenceNumbers"> <xs:annotation> <xs:documentation>This element contains references according to NCTS or EMCS law. This element MUST NOT be empty!</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence maxOccurs="99"> <xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ReferenceNumbers/MovementReferenceNumber**

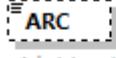
| | |
|------------|--|
| diagram | <p>Movement Reference Number according to NCTS</p> <p>MRN_Type Type of MRN given, CODE: CIT GLV-CIM appendix 2</p> <p>MRN_Number Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | MRN_Type MRN_Number |
| annotation | <p>documentation</p> <p>Movement Reference Number according to NCTS</p> |
| source | <pre><xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ReferenceNumbers/MovementReferenceNumber/MRN_Number**

| | |
|------------|---|
| diagram | <p>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |

| | |
|------------|---|
| facets | Kind Value Annotation minLength 1 maxLength 21 |
| annotation | documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006. |
| source | <pre><xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

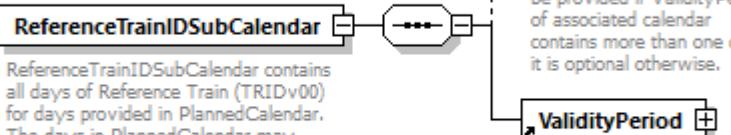
element **ReferenceNumbers/ARC**

| | |
|------------|---|
| diagram |  <p>Administrative Reference CodeEMCS (Excise Movement and Control System)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation length 21 |
| annotation | documentation Administrative Reference CodeEMCS (Excise Movement and Control System) documentation CODE: EU (EC) No 684/2009 |
| source | <pre><xs:element name="ARC" minOccurs="0"> <xs:annotation> <xs:documentation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:documentation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="21"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element ReferenceOTN

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | OperationalTrainNumberIdentifier |
| used by | elements ChangeofTrackMessage TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage |
| source | <pre><xs:element name="ReferenceOTN"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element ReferenceTrainIDSubCalendar

| | |
|------------|---|
| diagram |  <p>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalender".</p> <p>BitmapDays Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p> <p>ValidityPeriod</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | BitmapDays ValidityPeriod |
| used by | elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage |
| annotation | documentation ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalender" |
| source | <pre><xs:element name="ReferenceTrainIDSubCalendar"> <xs:annotation> <xs:documentation>ReferenceTrainIDSubCalendar contains all days of Reference Train (TRIDv00) for days provided in PlannedCalendar. The days in PlannedCalendar may shifted depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + OffsetToReference = PlannedCalender"</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre> |

| | |
|--|---|
| | <pre> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **RegenerativeBrake**

| | |
|------------|--|
| diagram | <p>Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | RegenerativeBrakeFitted PossibilityToPreventRegenerativeBrake |
| used by | element TrainCompositionJourneySection/Locoldent |
| annotation | <p>documentation</p> <p>Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source</p> |
| source | <pre> <xs:element name="RegenerativeBrake"> <xs:annotation> <xs:documentation>Information of the Regenerative Brake, only for locomotives/vehicles with electrical traction connected external power source </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </xs:complexType> </xs:element> </pre> |

| | |
|--|---|
| | <pre> <xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **RegenerativeBrake/RegenerativeBrakeFitted**

| | |
|------------|--|
| diagram | <p>RegenerativeBrakeFitted</p> <p>False - Not fitted, True- Regenerative Brake fitted</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation False - Not fitted, True- Regenerative Brake fitted |
| source | <pre> <xs:element name="RegenerativeBrakeFitted" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Not fitted, True- Regenerative Brake fitted</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake**

| | |
|------------|--|
| diagram | <p>PossibilityToPreventRegenerativ... PossibilityToPreventUseOfRegene... RegenerativeBrakePreventionInUse</p> <p>Possibility of preventing the use of the regenerative brake</p> <p>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake</p> <p>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | PossibilityToPreventUseOfRegenerativeBrake RegenerativeBrakePreventionInUse |
| annotation | documentation Possibility of preventing the use of the regenerative brake |

| | |
|--------|--|
| source | <pre> <xs:element name="PossibilityToPreventRegenerativeBrake" minOccurs="0"> <xs:annotation> <xs:documentation>Possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--------|--|

element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/PossibilityToPreventUseOfRegenerativeBrake

| | |
|------------|--|
| diagram | <p>PossibilityToPreventUseOfRegenerativeBrake</p> <p>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake |
| source | <pre> <xs:element name="PossibilityToPreventUseOfRegenerativeBrake" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake </xs:documentation> </xs:annotation> </xs:element> </pre> |

element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/RegenerativeBrakePreventionInUse

| | |
|------------|---|
| diagram | |
| | False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake) |
| source | <pre><xs:element name="RegenerativeBrakePreventionInUse" type="xs:boolean" minOccurs="1"> <xs:annotation> <xs:documentation>False - Regenerative Brake Prevention not in use, True Regenerative Brake Prevention in use (obligatory if fitted with the possibility of preventing the use of the regenerative brake)</xs:documentation> </xs:annotation> </xs:element></pre> |

element RelatedIdentifier

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| diagram | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element RelatedReference | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| source | <pre><xs:element name="RelatedIdentifier" type="FreeText"/></pre> | | | | | | | | | |

element **RelatedPlannedTransportIdentifiers**

| | |
|------------|---|
| diagram | <pre> classDiagram class CompositIdentifierPlannedType { ObjectType Company Core Variant TimetableYear StartDate } class RelatedPlannedTransportIdentifiers { <> CompositIdentifierPlannedType } RelatedPlannedTransportIdentifiers --> CompositIdentifierPlannedType </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>CompositIdentifierPlannedType</u> |
| properties | content complex |
| children | <u>ObjectType</u> <u>Company</u> <u>Core</u> <u>Variant</u> <u>TimetableYear</u> <u>StartDate</u> |
| used by | element <u>Identifiers</u> |
| source | <pre> <xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/> </pre> |

element **RelatedReference**

| | |
|------------|--|
| diagram | <p>Identifies the message to which the actual message refers</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime |
| used by | elements ReceiptConfirmationMessage WagonETI ETA Message |
| annotation | <p>documentation</p> <p>Identifies the message to which the actual message refers</p> |
| source | <pre><xs:element name="RelatedReference"> <xs:annotation> <xs:documentation>Identifies the message to which the actual message refers</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RelatedType" type="MessageCode"/> <xs:element ref="RelatedIdentifier"/> <xs:element ref="RelatedSenderReference" minOccurs="0"/> <xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **RelatedReference/RelatedType**

| diagram | | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | MessageCode | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 9999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 9999 | | | | | | | | | |
| source | <pre><xs:element name="RelatedType" type="MessageCode"/></pre> | | | | | | | | | |

element **RelatedReference/RelatedMessageDateTime**

| | |
|------------|---|
| diagram |  RelatedMessageDateTime Date Time of related message. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Date Time of related message. |
| source | <pre><xs:element name="RelatedMessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date Time of related message. </xs:documentation> </xs:annotation> </xs:element></pre> |

element **RelatedSenderReference**

| | |
|------------|--|
| diagram |  RelatedSenderReference Sender reference given by the Sender |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| used by | element RelatedReference |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation Sender reference given by the Sender |
| source | <pre><xs:element name="RelatedSenderReference" type="FreeText"> <xs:annotation> <xs:documentation>Sender reference given by the Sender</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RelatedTransportOperationalIdentifiers**

| | |
|------------|--|
| diagram | <pre> classDiagram class CompositIdentifierOperationalType class ObjectType class Company class Core class Variant class TimetableYear class StartDate CompositIdentifierOperationalType "1" -- "1" :> ObjectType CompositIdentifierOperationalType "*" -- "1" :> "..." [3 dots] CompositIdentifierOperationalType "*" -- "1" :> "..." [3 dots] CompositIdentifierOperationalType "*" -- "1" :> "..." [3 dots] </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompositIdentifierOperationalType |
| properties | content complex |
| children | ObjectType Company Core Variant TimetableYear StartDate |
| used by | element TrainOperationalIdentification |
| source | <code><xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/></code> |

element **Remarks**

| | |
|-----------|---|
| diagram | <p>Free Form Text</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| type | FreeText |
| properties | content simple |
| used by | elements DelayCauseTime InterruptionPoint ReceiptConfirmationMessage TrainJourneyModificationMessage |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation Free Form Text |
| source | <pre><xs:element name="Remarks" type="FreeText"> <xs:annotation> <xs:documentation>Free Form Text</xs:documentation> </xs:annotation> </xs:element></pre> |

element RequestedCalendar

| | |
|------------|---|
| diagram | <p>The diagram shows the RequestedCalendar element followed by a sequence separator (a dashed rectangle with three dots) and then two other elements: BitmapDays and ValidityPeriod. A callout box for BitmapDays contains the text: "Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise."</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | BitmapDays ValidityPeriod |
| used by | element PathInformation |
| source | <pre><xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element RequestedPeriod

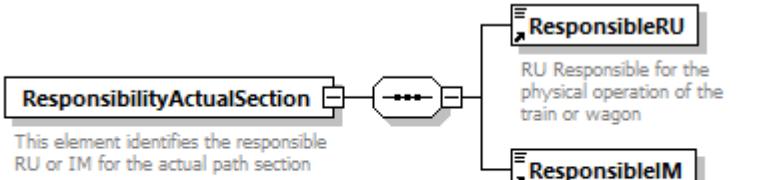
| | |
|-----------|--|
| diagram | <p>The diagram shows the RequestedPeriod element followed by a sequence separator (a dashed rectangle with three dots) and then two other elements: StartDateTime and EndDateTime. A callout box for StartDateTime contains the text: "The start of the date/time in effect". Another callout box for EndDateTime contains the text: "The end date/time in effect".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | <u>StartDateTime</u> <u>EndDateTime</u> |
| annotation | documentation Date/Time period of a request |
| source | <pre><xs:element name="RequestedPeriod"> <xs:annotation> <xs:documentation>Date/Time period of a request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element RequestedTimeframe

| | |
|------------|--|
| diagram | <p>To specify a time period being requested</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | <u>StartDateTime</u> <u>EndDateTime</u> |
| annotation | documentation To specify a time period being requested |
| source | <pre><xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specify a time period being requested</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime" minOccurs="0"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ResponsibilityActualSection**

| | |
|------------|--|
| diagram |  <p>This element identifies the responsible RU or IM for the actual path section</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | ResponsibleRU ResponsibleIM |
| used by | element JourneySection |
| annotation | documentation This element identifies the responsible RU or IM for the actual path section |
| source | <pre> <xs:element name="ResponsibilityActualSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU or IM for the actual path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ResponsibilityNextSection**

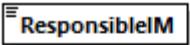
| | |
|------------|---|
| diagram | <p>This element identifies the responsible RU and IM for the following path section</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | ResponsibleRU ResponsibleIM |
| used by | element JourneySection |
| annotation | documentation This element identifies the responsible RU and IM for the following path section |
| source | <pre><xs:element name="ResponsibilityNextSection"> <xs:annotation> <xs:documentation>This element identifies the responsible RU and IM for the following path section</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ResponsibleRU"/> <xs:element ref="ResponsibleIM"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **ResponsibleApplicant**

| | |
|------------|---|
| diagram | <p>This element has to be used for the whole journey where the applicant has made the request</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of CompanyCode |
| properties | content simple |
| used by | element PlannedJourneyLocation |

| | |
|------------|--|
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation This element has to be used for the whole journey where the applicant has made the request |
| source | <xs:element name="ResponsibleApplicant"> <xs:annotation> <xs:documentation>This element has to be used for the whole journey where the applicant has made the request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CompanyCode"/> </xs:simpleType> </xs:element> |

element **ResponsibleIM**

| | |
|------------|--|
| diagram |  <p>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |
| properties | content simple |
| used by | elements LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section. |
| source | <xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) |

| | |
|--|--|
| | <p>the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.</p> <pre></xs:documentation> </xs:annotation> </xs:element></pre> |
|--|--|

element ResponsibleRU

| diagram | | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | elements ExceptionPoint PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection TrainDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation RU Responsible for the physical operation of the train or wagon | | | | | | | | | | | | |
| source | <pre><xs:element name="ResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>RU Responsible for the physical operation of the train or wagon</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element RestrictionsDueToLoadOrDamage

| diagram | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|----|--|-------------|----|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | RestrictionCodes | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element WagonOperationalData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>07</td> <td>documentation F - Shunt only when hand brake operable with ground staff</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 07 | documentation F - Shunt only when hand brake operable with ground staff | enumeration | 08 | documentation |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 07 | documentation F - Shunt only when hand brake operable with ground staff | | | | | | | | |
| enumeration | 08 | documentation | | | | | | | | |

| | | |
|--|----------------|--|
| | enumeration 09 | F - Tank wagon loaded with liquid documentation |
| | enumeration 11 | F - Wagon loaded with people documentation |
| | enumeration 12 | F - Wagon other than bogie wagon with wheelbase of more than 9 metres documentation |
| | enumeration 13 | F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres documentation |
| | enumeration 15 | F - Bogie wagon with distance between wheels of more than 17,50 metres documentation |
| | enumeration 16 | F - Wagon not allowed over the hump documentation |
| | enumeration 18 | F - Do not fly shunt or gravity shunt (3 red triangles) documentation |
| | enumeration 25 | F - Must not use active braking equipment documentation |
| | enumeration 30 | F - Gas carrying tank wagon with orange side stripe documentation |
| | enumeration 31 | P (+F) - CCS fault (see CCS coding list) documentation |
| | enumeration 32 | P (+F) - Braking system fault documentation |
| | enumeration 33 | P (+F) - Wheelset, bogie fault documentation |
| | enumeration 34 | P (+F) - Headlighting or back lighting fault documentation |
| | enumeration 35 | P (+F) - Front glass broken documentation |
| | enumeration 36 | P (+F) - Horn fault documentation |
| | enumeration 37 | P (+F) - Radio fault documentation |
| | enumeration 38 | P (+F) - Energy supply fault documentation |
| | enumeration 39 | P (+F) - Traction or motor fault documentation |
| | enumeration 41 | P - Access door fault documentation |
| | enumeration 42 | F - Place this wagon at the front of the train documentation |
| | enumeration 50 | F - Place this wagon at the rear of the train documentation |
| | enumeration 52 | P (+F) - Speed restriction documentation |
| | enumeration 61 | P (+F) - Diesel locomotive instead of electric locomotive documentation |
| | enumeration 62 | F - Wagon forming part of a consignment of several wagons documentation |
| | enumeration 63 | F - Wagon forming part of a group of wagons from which it must not be separated documentation |
| | enumeration 68 | F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation |
| | enumeration 70 | F - First or last wagon of a wagon group from which it must not be separated documentation |
| | enumeration 71 | F - Shunt with care (1 red triangle) documentation |
| | enumeration 90 | F - Shunt with special care (2 red triangle) documentation |
| | enumeration 91 | P - Train planned with passengers operated without passengers documentation |
| | | P - Train planned without passengers operated with passengers |

| | | |
|------------|---|--|
| | enumeration 92 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine) | |
| | enumeration 94 documentation F - Gas carrying wagon without orange side stripe | |
| | enumeration 99 documentation P - Other | |
| annotation | documentation These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) | |
| source | <pre><xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"> <xs:annotation> <xs:documentation>These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) </xs:documentation> </xs:annotation> </xs:element></pre> | |

element RevisedRequest

| | |
|------------|---|
| diagram | |
| | Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element PathDetailsRefusedMessage |
| annotation | documentation Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer. |
| source | <pre><xs:element name="RevisedRequest" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</xs:documentation> </xs:annotation> </xs:element></pre> |

element RID

| | |
|-----------|--|
| diagram | <pre> graph LR RID[RID] --- Law[Law] RID --- DG[DangerousGoodsIndication] RID --- TD[TechnicalDescription] Law --- PSN[ProperShippingName] DG --- SP[SpecialProvisionsRID] TD --- AP[AdditionalProvisionsRID] TD --- AR[ActionRequiredFromCarrier] TD --- WNE[WeightNettoExplosiveMass] PSN --- CC[ClassificationCode] PSN --- EP[EmptyPackingCode] </pre> <p>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | Law DangerousGoodsIndication TechnicalDescription ProperShippingName SpecialProvisionsRID AdditionalProvisionsRID ActionRequiredFromCarrier WeightNettoExplosiveMass ClassificationCode EmptyPackingCode |
| used by | element Goods |
| annotation | documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs |
| source | <pre> <xs:element name="RID"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerousGoodsIndication"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it</pre> |

concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"

```

</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="350"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="AdditionalProvisionsRID" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
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  <xs:annotation>
    <xs:documentation>Special provision only necessary and allowed for Class 1 (kg) - the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
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    </xs:restriction>
  </xs:simpleType>

```

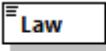
```
<xs:fractionDigits value="1"/>
<xs:totalDigits value="8"/>
</xs:restriction>
</xs:simpleType>
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<xs:element name="ClassificationCode" minOccurs="0">
<xs:annotation>
    <xs:documentation>For Class 1 the ‘classification code’ is identical to the ‘hazard identification number’ (i.e the ‘division number’ and the ‘compatibility group letter’). For other classes it is different. The collective entries for ‘classification code’ are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</xs:documentation>
    <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
</xs:annotation>
<xs:simpleType>
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        <xs:maxLength value="4">
            <xs:annotation>
                <xs:documentation>present only with class 1</xs:documentation>
            </xs:annotation>
            <xs:maxLength>
            </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="EmptyPackingCode" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation>
                <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
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                        <xs:annotation>
                            <xs:documentation>EMPTY PACKAGING</xs:documentation>
                        </xs:annotation>
                    </xs:enumeration>
                    <xs:enumeration value="02">
                        <xs:annotation>
                            <xs:documentation>EMPTY CONTAINER</xs:documentation>
                        </xs:annotation>
                    </xs:enumeration>
                    <xs:enumeration value="03">
                        <xs:annotation>
                            <xs:documentation>EMPTY IBC</xs:documentation>
                        </xs:annotation>
                    </xs:enumeration>
                    <xs:enumeration value="04">
                        <xs:annotation>
                            <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
                        </xs:annotation>
                    </xs:enumeration>
                    <xs:enumeration value="05">

```

```
<xs:annotation>
    <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
    <xs:annotation>
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
    <xs:annotation>
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    </xs:annotation>
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    <xs:annotation>
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    </xs:annotation>
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
    <xs:annotation>
        <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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    </xs:annotation>
</xs:enumeration>
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ELEMENTS</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
    <xs:annotation>
        <xs:documentation>EMPTY RECEPTACLE le
```

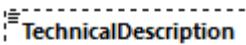
| | |
|--|--|
| | <pre> 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element RID/Law

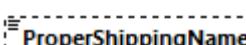
| diagram |  <p>The law after which the RID data are declared.</p> | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>2013</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2015</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2017</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2019</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2021</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2023</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 2013 | | enumeration | 2015 | | enumeration | 2017 | | enumeration | 2019 | | enumeration | 2021 | | enumeration | 2023 | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2013 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2015 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2017 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2019 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2021 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2023 | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>The law after which the RID data are declared.</p> | | | | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|---|
| | <pre></xs:simpleType> </xs:element></pre> |
|--|---|

element RID/TechnicalDescription

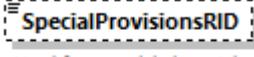
| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---------|--------|-----------|-----|--|
| diagram |  <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 350 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 350 | | | | | | | | | |
| annotation | <p>documentation</p> <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p> | | | | | | | | | |
| source | <pre><xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element RID/ProperShippingName

| | |
|---------|--|
| diagram |  <p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p> |
|---------|--|

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" |
| source | <pre><xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **RID/SpecialProvisionsRID**

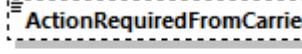
| | |
|------------|--|
| diagram |  <p>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message |
| source | <pre><xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|---|
| | <pre> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element RID/AdditionalProvisionsRID

| | |
|------------|--|
| diagram |  <p>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message |
| source | <pre> <xs:element name="AdditionalProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

element RID/ActionRequiredFromCarrier

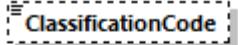
| | |
|------------|--|
| diagram |  <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation Special action required by the carrier according to chapter 5.4.1.2.5.2 RID |

| | |
|--------|---|
| source | <pre><xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|---|

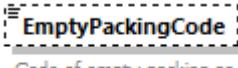
element RID/WeightNettoExplosiveMass

| diagram |  <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p> | | | | | | | | | | | | |
|----------------|---|------------|-------|------------|--------------|---------|--------|-------------|---|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | | | | |
| minOcc | 0 | | | | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | | | | |
| content | simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td><td>0</td><td></td></tr> <tr> <td>totalDigits</td><td>8</td><td></td></tr> <tr> <td>fractionDigits</td><td>1</td><td></td></tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | totalDigits | 8 | | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | |
| totalDigits | 8 | | | | | | | | | | | | |
| fractionDigits | 1 | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="WeightNettoExplosiveMass" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:totalDigits value="8"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

element RID/ClassificationCode

| diagram |  <p>For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</p> | | | | | | | | | |
|------------|--|--|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td>documentation present only with class 1</td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 4 | documentation present only with class 1 |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 4 | documentation present only with class 1 | | | | | | | | |
| annotation | <p>documentation</p> <p>For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</p> <p>documentation CODE: OTIF RID-Specification</p> | | | | | | | | | |
| source | <pre> <xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>For Class 1 the 'classification code' is identical to the 'hazard identification number' (i.e the 'division number' and the 'compatibility group letter'). For other classes it is different. The collective entries for 'classification code' are defined in section 2.2.2.3.; 2.2.3.3; 2.2.41.3; 2.2.42.3; 2.2.43.3; 2.2.51.3; 2.2.52.3; 2.2.61.3; 2.2.62.3; 2.2.7x.x; 2.2.8.3; 2.2.9.3.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"> <xs:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element RID/EmptyPackingCode

| diagram |  Code of empty packing as described in RID 5.4.1.1.6.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|----|----------------------------------|-------------|----|----------------------------------|-------------|----|----------------------------|-------------|----|--|-------------|----|-------------------------------------|-------------|----|-----------------------------------|-------------|----|--|-------------|----|---|-------------|----|---------------------------------------|-------------|----|--------------------------------------|-------------|----|--|-------------|----|--------------------------------------|-------------|----|--|-------------|----|--------------------------------|-------------|----|------------------------------|-------------|----|--|-------------|----|--|-------------|----|------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td>documentation EMPTY PACKAGING</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation EMPTY CONTAINER</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation EMPTY IBC</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation EMPTY LARGE PACKAGING</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation EMPTY TANK-VEHICLE</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation EMPTY TANK-WAGON</td> </tr> <tr> <td>enumeration</td> <td>07</td> <td>documentation EMPTY DETACHABLE TANK</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation EMPTY DEMOUNTABLE TANK</td> </tr> <tr> <td>enumeration</td> <td>09</td> <td>documentation EMPTY TANK-CONTAINER</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation EMPTY PORTABLE TANK</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation EMPTY BATTERY-VEHICLE</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation EMPTY BATTERY-WAGON</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation EMPTY VEHICLE</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation EMPTY WAGON</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation EMPTY RECEPTACLE le 1000L</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation EMPTY RECEPTACLE gt 1000L</td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation EMPTY</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 01 | documentation EMPTY PACKAGING | enumeration | 02 | documentation EMPTY CONTAINER | enumeration | 03 | documentation EMPTY IBC | enumeration | 04 | documentation EMPTY LARGE PACKAGING | enumeration | 05 | documentation EMPTY TANK-VEHICLE | enumeration | 06 | documentation EMPTY TANK-WAGON | enumeration | 07 | documentation EMPTY DETACHABLE TANK | enumeration | 08 | documentation EMPTY DEMOUNTABLE TANK | enumeration | 09 | documentation EMPTY TANK-CONTAINER | enumeration | 10 | documentation EMPTY PORTABLE TANK | enumeration | 11 | documentation EMPTY BATTERY-VEHICLE | enumeration | 12 | documentation EMPTY BATTERY-WAGON | enumeration | 13 | documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS | enumeration | 14 | documentation EMPTY VEHICLE | enumeration | 15 | documentation EMPTY WAGON | enumeration | 16 | documentation EMPTY RECEPTACLE le 1000L | enumeration | 17 | documentation EMPTY RECEPTACLE gt 1000L | enumeration | 18 | documentation EMPTY |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation EMPTY PACKAGING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation EMPTY CONTAINER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation EMPTY IBC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation EMPTY LARGE PACKAGING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 05 | documentation EMPTY TANK-VEHICLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 06 | documentation EMPTY TANK-WAGON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 07 | documentation EMPTY DETACHABLE TANK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 08 | documentation EMPTY DEMOUNTABLE TANK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 09 | documentation EMPTY TANK-CONTAINER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation EMPTY PORTABLE TANK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation EMPTY BATTERY-VEHICLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | documentation EMPTY BATTERY-WAGON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | documentation EMPTY VEHICLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | documentation EMPTY WAGON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | documentation EMPTY RECEPTACLE le 1000L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 17 | documentation EMPTY RECEPTACLE gt 1000L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 18 | documentation EMPTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

```
</xs:annotation>
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  <xs:restriction base="xs:string">
    <xs:enumeration value="01">
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        <xs:documentation>EMPTY PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>EMPTY CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
      <xs:annotation>
        <xs:documentation>EMPTY IBC</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
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        <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="07">
      <xs:annotation>
        <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
      <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
      <xs:annotation>
        <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
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        <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

```
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>EMPTY VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>EMPTY WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

element RID_Checking

| | |
|-----------|---|
| diagram | <p>CheckingBody</p> <p>Identification of the body which performed the RID check</p> <p>CheckingType</p> <p>1..∞</p> <p>Following types of checks are authorised (RID 1.4.3):</p> <ul style="list-style-type: none"> Carrier: <ul style="list-style-type: none"> 01 Prescribed documentation attached to transport document 02 Defects, leakages, cracks, missing equipment on wagons or equipment Loader: <ul style="list-style-type: none"> 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package Filler: <ul style="list-style-type: none"> 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Placards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leakage on wagons / tanks Unloader: <ul style="list-style-type: none"> 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degassing, decontamination of wagons from residues 34 Placards, plates from RID chapter 5.3 are removed from wagon <p>CheckingDateTime</p> <p>Date and Time when the check was performed</p> <p>CheckingLocation</p> <p>The location where the check took place</p> <p>CheckingResults</p> <p>Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up:</p> <ul style="list-style-type: none"> 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | <u>CheckingBody</u> <u>CheckingType</u> <u>CheckingDateTime</u> <u>CheckingLocation</u> <u>CheckingResults</u> |
| used by | element <u>Goods</u> |
| annotation | documentation When RID DG is transported in the train the Ru has to transmit here the RID check results from the Carrier, Loader, Filler and Unloader |
| source | <pre> <xs:element name="RID_Checking"> <xs:annotation> <xs:documentation>When RID DG is transported in the train the Ru has to transmit here the RID check results from the Carrier, Loader, Filler and Unloader </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CheckingBody"> <xs:annotation> <xs:documentation>Identification of the body which performed the RID check</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3):</xs:documentation> 01 Carrier 02 Loader 03 Filler 04 Unloader</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="CheckingType" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Following types of checks are authorised (RID 1.4.3):</xs:documentation> Carrier: 01 Prescribed documentation attached to transport docuemnt 02 Defects, leackages, cracks, missing equipment on wagons or equipment </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

Loader:

11 Damage of packing
12 Compliance with prohibition on mixed loading
13 Uncleaned empty package

Filler:

21 Date of next inspection of wagons
22 DG is filled only into authorized tanks
23 Permissible level of filling
24 Placards, plates from RID chapter 5.3 are visible on wagon
25 Correct Closure of wagons / tanks
26 Leakage on wagons / tanks

Unloader:

31 Damage of packages or of tanks
32 Required DG documentation available
33 Cleaning, degassing, decontamination of wagons from residues
34 Placards, plates from RID chapter 5.3 are removed from wagon

```
</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="01"/>
            <xs:enumeration value="02"/>
            <xs:enumeration value="11"/>
            <xs:enumeration value="12"/>
            <xs:enumeration value="13"/>
            <xs:enumeration value="21"/>
            <xs:enumeration value="22"/>
            <xs:enumeration value="23"/>
            <xs:enumeration value="24"/>
            <xs:enumeration value="25"/>
            <xs:enumeration value="26"/>
            <xs:enumeration value="31"/>
            <xs:enumeration value="32"/>
            <xs:enumeration value="33"/>
            <xs:enumeration value="34"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CheckingDateTime" type="xs:dateTime">
    <xs:annotation>
        <xs:documentation>Date and Time when the check was performed</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CheckingLocation" type="LocationIdent">
    <xs:annotation>
        <xs:documentation>The location where the check took place</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CheckingResults">
    <xs:annotation>
        <xs:documentation>Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up:</xs:documentation>
    </xs:annotation>
</xs:element>
```

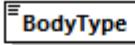
| | |
|--|---|
| | <p>01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected</p> <pre></xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="01"/> <xs:pattern value="02"/> <xs:pattern value="03"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element RID_Checking/CheckingBody

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | BodyType BodyID |
| annotation | <p>documentation Identification of the body which performed the RID check</p> |
| source | <pre><xs:element name="CheckingBody"> <xs:annotation> <xs:documentation>Identification of the body which performed the RID check</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3):</xs:documentation> <xs:enumeration value="01">Carrier</xs:enumeration> <xs:enumeration value="02">Loader</xs:enumeration> <xs:enumeration value="03">Filler</xs:enumeration> <xs:enumeration value="04">Unloader</xs:enumeration> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

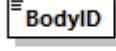
| | |
|--|---|
| | <pre> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element RID_Checking/CheckingBody/BodyType

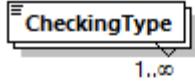
| diagram |  <p>Following types of bodies are authorised (RID 1.4.3):</p> <ul style="list-style-type: none"> 01 Carrier 02 Loader 03 Filler 04 Unloader | | | | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of <code>xs:string</code> | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td></td> </tr> <tr> <td>enumeration</td> <td>04</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 01 | | enumeration | 02 | | enumeration | 03 | | enumeration | 04 | |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| enumeration | 01 | | | | | | | | | | | | | | | |
| enumeration | 02 | | | | | | | | | | | | | | | |
| enumeration | 03 | | | | | | | | | | | | | | | |
| enumeration | 04 | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Following types of bodies are authorised (RID 1.4.3):</p> <ul style="list-style-type: none"> 01 Carrier 02 Loader 03 Filler 04 Unloader | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="BodyType"> <xs:annotation> <xs:documentation>Following types of bodies are authorised (RID 1.4.3):</xs:documentation> <xs:enumeration value="01">01 Carrier</xs:enumeration> <xs:enumeration value="02">02 Loader</xs:enumeration> <xs:enumeration value="03">03 Filler</xs:enumeration> <xs:enumeration value="04">04 Unloader</xs:enumeration> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | | | | |

| | |
|--|--|
| | <pre><xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element RID_Checking/CheckingBody/BodyID

| diagram |  4N Company Code | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation 4N Company Code | | | | | | | | | | | | |
| source | <pre><xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element RID_Checking/CheckingType

| diagram |  <p>Following types of checks are authorised (RID 1.4.3):</p> <p>Carrier:</p> <ul style="list-style-type: none"> 01 Prescribed documentation attached to transport docuemnt 02 Defects, leackages, cracks, missing equipment on wagons or equipment <p>Loader:</p> <ul style="list-style-type: none"> 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package <p>Filler:</p> <ul style="list-style-type: none"> 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leackage on wagons / tanks <p>Unloader:</p> <ul style="list-style-type: none"> 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degassing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | minOcc 1 maxOcc unbounded content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td></td> </tr> <tr> <td>enumeration</td> <td>11</td> <td></td> </tr> <tr> <td>enumeration</td> <td>12</td> <td></td> </tr> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>21</td> <td></td> </tr> <tr> <td>enumeration</td> <td>22</td> <td></td> </tr> <tr> <td>enumeration</td> <td>23</td> <td></td> </tr> <tr> <td>enumeration</td> <td>24</td> <td></td> </tr> <tr> <td>enumeration</td> <td>25</td> <td></td> </tr> <tr> <td>enumeration</td> <td>26</td> <td></td> </tr> <tr> <td>enumeration</td> <td>31</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 01 | | enumeration | 02 | | enumeration | 11 | | enumeration | 12 | | enumeration | 13 | | enumeration | 21 | | enumeration | 22 | | enumeration | 23 | | enumeration | 24 | | enumeration | 25 | | enumeration | 26 | | enumeration | 31 | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|------------|---|
| | enumeration 32 enumeration 33 enumeration 34 |
| annotation | <p>documentation Following types of checks are authorised (RID 1.4.3):</p> <p>Carrier: 01 Prescribed documentation attached to transport docuemnt 02 Defects, leackages, cracks, missing equipment on wagons or equipment</p> <p>Loader: 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package</p> <p>Filler: 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leackage on wagons / tanks</p> <p>Unloader: 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degasing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon</p> |
| source | <pre><xs:element name="CheckingType" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Following types of checks are authorised (RID 1.4.3):</pre> <p>Carrier: 01 Prescribed documentation attached to transport docuemnt 02 Defects, leackages, cracks, missing equipment on wagons or equipment</p> <p>Loader: 11 Damage of packing 12 Compliance with prohibition on mixed loading 13 Uncleaned empty package</p> <p>Filler: 21 Date of next inspection of wagons 22 DG is filled only into authorized tanks 23 Permissible level of filling 24 Plackards, plates from RID chapter 5.3 are visible on wagon 25 Correct Closure of wagons / tanks 26 Leackage on wagons / tanks</p> <p>Unloader: 31 Damage of packages or of tanks 32 Required DG documentation available 33 Cleaning, degasing, decontamination of wagons from residues 34 Plackards, plates from RID chapter 5.3 are removed from wagon</p> <pre></xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="01"/></pre> |

| | |
|--|--|
| | <pre> <xs:enumeration value="02"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="25"/> <xs:enumeration value="26"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element RID_Checking/CheckingDateTime

| | |
|------------|--|
| diagram |  <p>Date and Time when the check was performed</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Date and Time when the check was performed |
| source | <pre> <xs:element name="CheckingDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time when the check was performed</xs:documentation> </xs:annotation> </xs:element></pre> |

element RID_Checking/CheckingLocation

| | |
|------------|--|
| diagram | <pre> classDiagram class CheckingLocation { <<The location where the check took place>> } class LocationIdent { <<LocationIdent>> CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } CheckingLocation "1" --> "1" LocationIdent CountryCodeISO <<Identifies a County or State by code (ISO 3166-1)>> LocationPrimaryCode <<Primary Location Code>> PrimaryLocationName <<Location Name in the official language of the Country using the ISO Unicode alphabet>> LocationSubsidiaryIdentification <<Code, Name and allocation company of Subsidiary Location>> </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation The location where the check took place |
| source | <pre> <xss:element name="CheckingLocation" type="LocationIdent"> <xss:annotation> <xss:documentation>The location where the check took place</xss:documentation> </xss:annotation> </xss:element> </pre> |

element RID_Checking/CheckingResults

| diagram | <pre> classDiagram class CheckingResults { <<Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up:>> 01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected } </pre> | | | | | | | | | |
|------------|--|------------|-------|------------|---------|----|--|---------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>pattern</td> <td>01</td> <td></td> </tr> <tr> <td>pattern</td> <td>02</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | pattern | 01 | | pattern | 02 | |
| Kind | Value | Annotation | | | | | | | | |
| pattern | 01 | | | | | | | | | |
| pattern | 02 | | | | | | | | | |

| | |
|------------|---|
| | pattern 03 |
| annotation | <p>documentation Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up:</p> <p>01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected</p> |
| source | <pre><xs:element name="CheckingResults"> <xs:annotation> <xs:documentation>Description of the checks' results (in conjunction with the element CheckingType) and possible need for follow-up:</pre> <p>01 Results OK, no follow up needed during transportation 02 Results OK, but follow up needed during transportation 03 Results not OK, transportation rejected</xs:documentation></p> <pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="01"/> <xs:pattern value="02"/> <xs:pattern value="03"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **RollingRoadUnit**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | RollingRoadUnitDetails Goods SummaryOfGoodsWithSameRID |
| used by | element Wagons/GoodsInWagon |
| annotation | <p>documentation Describes the type and content of a Rolling road unit</p> |
| source | <pre><xs:element name="RollingRoadUnit"> <xs:annotation> <xs:documentation>Describes the type and content of a Rolling road unit</xs:documentation></pre> |

```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="RollingRoadUnitDetails">
      <xs:annotation>
        <xs:documentation>Details for Rolling Road units on wagon</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="LoadingStatus"/>
          <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation>
                <xs:documentation>CODE:</xs:documentation>
                <xs:documentation>READ: <br/> - Consignee</xs:documentation>
                <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
                  <xs:documentation>AMEND: <br/> - Contractual carrier <br/> - Successive carrier<br/> (With the agreement of the consignor)</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="3"/>
                        <xs:enumeration value="HGZ">
                          <xs:annotation>
                            <xs:documentation>articulated lorry</xs:documentation>
                          </xs:annotation>
                        </xs:enumeration>
                        <xs:enumeration value="SAL">
                          <xs:annotation>
                            <xs:documentation>semi-trailer</xs:documentation>
                          </xs:annotation>
                        </xs:enumeration>
                        <xs:enumeration value="MW">
                          <xs:annotation>
                            <xs:documentation>motor vehicle</xs:documentation>
                          </xs:annotation>
                        </xs:enumeration>
                        <xs:enumeration value="ANH">
                          <xs:annotation>
                            <xs:documentation>trailer</xs:documentation>
                          </xs:annotation>
                        </xs:enumeration>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
                    <xs:annotation>
                      <xs:documentation>List of vehicles loaded (i.e. truck and trailer).</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:sequence>
```

```
<xs:element name="NumberPlate">
    <xs:annotation>
        <xs:documentation>Number plate of the vehicle.</xs:documentation>
        <xs:documentation>READ: <br/> - Consignee</xs:documentation>
        <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
        <xs:documentation>AMEND: <br/> - Contractual carrier<br/> - Successive carrier<br/> (With the agreement of the consignor)</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="CountryCodeISO"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
    <xs:annotation>
        <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Haulier" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Information concerning the haulier.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Name">
                <xs:annotation>
                    <xs:documentation>Name of haulier.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="CountryCodeISO"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Attendants" minOccurs="0" maxOccurs="2">
    <xs:annotation>
        <xs:documentation>Attendants during the transport.</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="LastName">
                <xs:annotation>
                    <xs:documentation>Last name of attendant.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:documentation>READ: <br/> - Consignee</xs:documentation>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
<xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
    <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="FirstName" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Optional first name of the
attendant.</xs:documentation>
        <xs:documentation>READ: <br/> -
    Consignee</xs:documentation>
        <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
    <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="Goods" maxOccurs="99">
    <xs:annotation/>
</xs:element>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
```

element **RollingRoadUnit/RollingRoadUnitDetails**

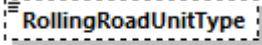
| | |
|------------|---|
| diagram | <pre> classDiagram class RollingRoadUnitDetails { <<Details for Rolling Road units on wagon>> } class LoadingStatus { <<Loading status of the equipment. 0=Empty, 1=Loaded>> } class RollingRoadUnitType { <<Type of Rolling Road unit on Wagon>> } class Vehicles { <<List of vehicles loaded (i.e. truck and trailer).>> } class TareWeightVehicle { <<Total weight [kg] of vehicle (truck and trailer).>> } class Haulier { <<Information concerning the haulier.>> } class Attendants { <<Attendants during the transport.>> } RollingRoadUnitDetails "3" -- "1" LoadingStatus RollingRoadUnitDetails "3" -- "1" RollingRoadUnitType RollingRoadUnitDetails "3" -- "2" Vehicles RollingRoadUnitDetails "3" -- "1" TareWeightVehicle RollingRoadUnitDetails "3" -- "1" Haulier RollingRoadUnitDetails "3" -- "2" Attendants </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | LoadingStatus RollingRoadUnitType Vehicles TareWeightVehicle Haulier Attendants |
| annotation | <p>documentation</p> <p>Details for Rolling Road units on wagon</p> |
| source | <pre> <xsd:element name="RollingRoadUnitDetails"> <xsd:annotation> <xsd:documentation>Details for Rolling Road units on wagon</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="LoadingStatus"/> <xsd:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xsd:annotation> <xsd:documentation>Type of Rolling Road unit on Wagon</xsd:documentation> <xsd:documentation>CODE:</xsd:documentation> <xsd:documentation>READ: - Consignee</xsd:documentation> <xsd:documentation>WRITE: - Consignor</xsd:documentation> <xsd:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xsd:documentation> </xsd:annotation> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:minLength value="1"/> <xsd:maxLength value="3"/> </xsd:restriction> </xsd:simpleType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

```
<xs:enumeration value="HGZ">
  <xs:annotation>
    <xs:documentation>articulated lorry</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="SAL">
  <xs:annotation>
    <xs:documentation>semi-trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="MW">
  <xs:annotation>
    <xs:documentation>motor vehicle</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="ANH">
  <xs:annotation>
    <xs:documentation>trailer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>List of vehicles loaded (i.e. truck and trailer).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberPlate">
        <xs:annotation>
          <xs:documentation>Number plate of the vehicle.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> - Successive carrier<br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TareWeightVehicle" type="WeightValueKilo">
  <xs:annotation>
    <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation>
  </xs:annotation>
</xs:element>
```

```
<xs:element name="Haulier" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Information concerning the haulier.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Name">
        <xs:annotation>
          <xs:documentation>Name of haulier.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Attendants" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>Attendants during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LastName">
        <xs:annotation>
          <xs:documentation>Last name of attendant.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> - Successive carrier <br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="FirstName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Optional first name of the attendant.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

| | |
|--|--|
| | <pre> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType**

| diagram |  <p>Type of Rolling Road unit on Wagon</p> | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------------------------------|-------|------------|-----------|---------|--------|-----------|-----|--|-------------|-----|------------------------------------|-------------|-----|-------------------------------|-------------|----|--------------------------------|-------------|-----|--------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> <tr> <td>default</td><td>HGZ</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | default | HGZ | | | | | | | | | | | | | |
| minOcc | 0 | | | | | | | | | | | | | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | | | | | | | | | | | | | |
| content | simple | | | | | | | | | | | | | | | | | | | | | |
| default | HGZ | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td><td>1</td><td></td></tr> <tr> <td>maxLength</td><td>3</td><td></td></tr> <tr> <td>enumeration</td><td>HGZ</td><td>documentation articulated lorry</td></tr> <tr> <td>enumeration</td><td>SAL</td><td>documentation semi-trailer</td></tr> <tr> <td>enumeration</td><td>MW</td><td>documentation motor vehicle</td></tr> <tr> <td>enumeration</td><td>ANH</td><td>documentation trailer</td></tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 3 | | enumeration | HGZ | documentation articulated lorry | enumeration | SAL | documentation semi-trailer | enumeration | MW | documentation motor vehicle | enumeration | ANH | documentation trailer |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | |
| minLength | 1 | | | | | | | | | | | | | | | | | | | | | |
| maxLength | 3 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | HGZ | documentation articulated lorry | | | | | | | | | | | | | | | | | | | | |
| enumeration | SAL | documentation semi-trailer | | | | | | | | | | | | | | | | | | | | |
| enumeration | MW | documentation motor vehicle | | | | | | | | | | | | | | | | | | | | |
| enumeration | ANH | documentation trailer | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation Type of Rolling Road unit on Wagon documentation CODE: documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</p> | | | | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> <xs:documentation>CODE:</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </pre> | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|---|
| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**

| | |
|------------|--|
| diagram | <p>The diagram shows a UML class named "Vehicles". It has a multiplicity of "0..2" at its end. There are two associations originating from it: one to "NumberPlate" and another to "CountryCodeISO". The "NumberPlate" association is labeled "Number plate of the vehicle." and the "CountryCodeISO" association is labeled "Identifies a County or State by code (ISO 3166-1)".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 2 content complex |
| children | NumberPlate CountryCodeISO |
| annotation | <p>documentation</p> <p>List of vehicles loaded (i.e. truck and trailer).</p> |
| source | <pre> <xs:element name="Vehicles" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>List of vehicles loaded (i.e. truck and trailer).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> </pre> |

| | |
|--|--|
| | <pre> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="CountryCodeISO"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles/NumberPlate**

| diagram | NumberPlate Number plate of the vehicle. | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>10</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 10 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 10 | | | | | | | | | |
| annotation | documentation Number plate of the vehicle. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor) | | | | | | | | | |
| source | <pre> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

| | |
|-----------|---|
| diagram | TareWeightVehicle Total weight [kg] of vehicle (truck and trailer). |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| type | WeightValueKilo |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse |
| annotation | documentation Total weight [kg] of vehicle (truck and trailer). |
| source | <pre><xs:element name="TareWeightVehicle" type="WeightValueKilo"> <xss:annotation> <xss:documentation>Total weight [kg] of vehicle (truck and trailer).</xss:documentation> </xss:annotation> </xs:element></pre> |

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

| | |
|------------|---|
| diagram | <p>The diagram illustrates the structure of the Haulier element. It shows a dashed-line box labeled "Haulier" containing two attributes: "Name" and "CountryCodeISO". "Name" is described as "Name of haulier." and "CountryCodeISO" is described as "Identifies a County or State by code (ISO 3166-1)".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | Name CountryCodeISO |
| annotation | documentation Information concerning the haulier. |
| source | <pre><xs:element name="Haulier" minOccurs="0"> <xss:annotation> <xss:documentation>Information concerning the haulier.</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="Name"> <xss:annotation> <xss:documentation>Name of haulier.</xss:documentation> </xss:annotation> </xss:element> <xss:element ref="CountryCodeISO"/> </xss:sequence> </xss:complexType> </xs:element></pre> |

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

| | |
|------------|---|
| diagram | <p>Attendants 0..2 Attendants during the transport.</p> <p>LastName Last name of attendant.</p> <p>FirstName Optional first name of the attendant.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 2 content complex |
| children | LastName FirstName |
| annotation | <p>documentation</p> <p>Attendants during the transport.</p> |
| source | <pre><xs:element name="Attendants" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType></pre> |

| | |
|--|---------------|
| | </xs:element> |
|--|---------------|

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

| diagram | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>25</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 25 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 25 | | | | | | | | | |
| annotation | <p>documentation Last name of attendant.</p> <p>documentation READ: - Consignee</p> <p>documentation WRITE: - Consignor</p> <p>documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</p> | | | | | | | | | |
| source | <pre> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

| diagram | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---------|--------|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>15</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 15 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 15 | | | | | | | | | |

| | |
|------------|--|
| annotation | <p>documentation Optional first name of the attendant. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</p> |
| source | <pre><xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element RollingStockDataset

| | |
|------------|---|
| diagram | <pre> classDiagram class RollingStockDataset { <<Rolling Stock administrative and Technical Dataset>> } class AdministrativeDataSet class DesignDataSet RollingStockDataset "3..1" -- "1..1" AdministrativeDataSet RollingStockDataset "3..1" -- "1..1" DesignDataSet </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | AdministrativeDataSet DesignDataSet |
| used by | elements RollingStockDatasetMessage WIMO Dataset |
| annotation | <p>documentation Rolling Stock administrative and Technical Dataset</p> |
| source | <pre><xs:element name="RollingStockDataset"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </pre> |

```
</xs:annotation>
</xs:element>
<xs:element name="RegistrationCountry" type="CountryIdentISO">
    <xs:annotation>
        <xs:documentation>ISO country code of registration
country</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="DatePutIntoService">
    <xs:annotation>
        <xs:documentation>Date of first operation</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="AuthorisationValidUntil" type="xs:date"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>End date for restricted authorisation
(special case)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="SuspensionOfAuthorisation" type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Information if authorisation has been
suspended by the authority</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DateSuspensionOfAuthorisation" type="xs:date"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Date of the suspension of authorisation;
must be provided in case of suspension</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="MultilateralAuthorisationCountries"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation> ISO country code of countries where the
wagon is authorised (applies only in case of limited interoperability);
first entry indicates the initial authorisation country</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ChannelTunnelPermitted" type="xs:boolean"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
```

```

<xs:annotation>
    <xs:documentation>Vehicle Keeper Marking of the wagon keeper
as listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ECM">
    <xs:annotation>
        <xs:documentation> Full name of the assigned Entity in
Charge of Maintenance</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CurrentECMAssignedUntil" type="xs:date">
                <xs:annotation>
                    <xs:documentation> Date until the current Entity in
Charge of Maintenance is assigned to the wagon</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="SubsequentECM">
                <xs:annotation>
                    <xs:documentation> Full name of the following Entity
in Charge of Maintenance</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">
    <xs:annotation>
        <xs:documentation>ECM certificate
information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="EINNumber">
                <xs:annotation>
                    <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element ref="CountryCodeISO"/>
                        <xs:element name="TypeDocumentEIN" type="Numeric2-

```

```
2">
    <xs:annotation>
        <xs:documentation>Code List Candidate:  
31, 34</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="CounterAcreditedRecognizedBody"
type="Numeric2-2">
        <xs:element name="EINYear" type="Numeric2-2"/>
        <xs:element name="EINCounter">
            <xs:simpleType>
                <xs:restriction base="xs:integer">
                    <xs:minInclusive value="0"/>
                    <xs:maxInclusive value="9999"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ECMCertificateValidFrom" type="xs:date">
    <xs:annotation>
        <xs:documentation>Certificate valid from  
date</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateValidTo" type="xs:date">
    <xs:annotation>
        <xs:documentation>Certificate valid to  
date</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Certificate covers tank wagons for  
dangerous goods</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Certificate covers other wagons  
specialised in transport of dangerous goods</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended"
type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Identification if certificate has  
been suspended for any reason</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended"
type="xs:date" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Date of the suspension of the ECM  
certificate; must be provided in case of suspension</xs:documentation>
    </xs:annotation>
</xs:element>

```

```

        </xs:annotation>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="InteropCapability">
    <xs:annotation>
        <xs:documentation>Identification of the general
interoperability capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):
01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

06 = TEN-GE

07 = TEN-CW

08 = TEN RIV</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="GCUWagon" type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Indication if wagon is operated under the
GCU contract</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DesignDataSet">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="LetterMarking">
                <xs:annotation>
                    <xs:documentation>Complete wagon category letter code. The
Identification marking for freight rolling stock (wagon type) is defined in
UIC Leaflet 438-2</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="20"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="TankCode" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Tank code (applies only for tank wagons).
The codes are defined in the RID regulation, chapter 4.3.3 and
4.3.4.1.1</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="20"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```
        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element ref="WagonNumberOfAxles"/>
    <xs:element name="WheelSetType" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element ref="WheelDiameter" minOccurs="0"/>
    <xs:element ref="WheelsetGauge" minOccurs="0"
maxOccurs="unbounded"/>
        <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/>
        <xs:element ref="NumberOfBogies" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Number of bogies for a wagon (applies for bogie wagons only)</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element ref="BogiePitch" minOccurs="0"/>
        <xs:element name="BogiePivotPitch" type="Numeric1-5"
minOccurs="0">
            <xs:annotation>
                <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="InnerWheelbase" type="Numeric1-5">
            <xs:annotation>
                <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element ref="CouplingType" minOccurs="0"/>
        <xs:element name="BufferType" minOccurs="0">
            <xs:annotation>
                <xs:documentation> Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="256"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element ref="NormalLoadingGauge" minOccurs="0"/>
        <xs:element ref="MinCurveRadius">
            <xs:annotation>
                <xs:documentation> Minimum allowed curve radius due to design characteristics, measured in meters</xs:documentation>
            </xs:annotation>
```

```

        </xs:element>
        <xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
        <xs:element ref="WagonWeightEmpty">
            <xs:annotation>
                <xs:documentation>Weight of the empty wagon (tara weight) in kg</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element ref="LengthOverBuffers"/>
        <xs:element ref="MaxAxleWeight"/>
        <xs:element name="LoadTable" minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
                <xs:documentation>Indicates the load tables marked on the wagon.
When load tables are marked on the wagon the information must be provided in the RSRD message.
Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.
The complete load table must be provided including the empty load row (if existent).</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="LoadTableProduct" minOccurs="0">
                        <xs:annotation>
                            <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation>
                        </xs:annotation>
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="ProductUNCode" type="Numeric4-4">
                                    <xs:annotation>
                                        <xs:documentation>UN code of product if product specific load table</xs:documentation>
                                    </xs:annotation>
                                </xs:element>
                                <xs:element name="ProductRIDName">
                                    <xs:annotation>
                                        <xs:documentation> RID product name as written on the folding panel</xs:documentation>
                                    </xs:annotation>
                                    <xs:simpleType>
                                        <xs:restriction base="xs:string">
                                            <xs:maxLength value="256"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                </xs:element>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
                        <xs:annotation>
                            <xs:documentation>ISO country code of countries for

```

```

additional load tables</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>Numeric speed in load table, without
speed empty in km/h</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element ref="LoadTableStars" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Number of load table stars.
Currently recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="RouteClassPayloads"
maxOccurs="unbounded">
        <xs:complexType>
            <xs:sequence>
                <xs:element ref="RouteClass"/>
                <xs:element name="MaxPayload" maxOccurs="unbounded">
                    <xs:annotation>
                        <xs:documentation>Maximum payload in tonnes of
line category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                        <xs:restriction base="xs:decimal">
                            <xs:totalDigits value="4"/>
                            <xs:fractionDigits value="1"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:sequence>
        <xs:complexType>
    </xs:element>
    <xs:element ref="MaxDesignSpeed"/>
    <xs:element ref="AirBrake"/>
    <xs:element ref="HandBrake">
        <xs:annotation>
            <xs:documentation>Characteristics of hand
brake</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>

```

```
<xs:element name="BrakeBlock" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Characteristics of brake
blocks</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="BrakeBlockName" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Name of the brake block type,
including the length in mm</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
                <xs:annotation>
                    <xs:documentation> Indication if composite brake
blocks are retrofitted or originally equipped</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    <xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
        <xs:annotation>
            <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element ref="MaxLengthOfLoad" minOccurs="0">
        <xs:annotation>
            <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element ref="LoadArea" minOccurs="0"/>
    <xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Height of the loading plane when wagon is
empty measured in mm</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="RemovableAccessories" minOccurs="0">
```

```

maxOccurs="unbounded">
    <xss:complexType>
        <xss:sequence>
            <xss:element ref="TypeOfRemovableAccessories">
                <xss:annotation>
                    <xss:documentation>Specification of removable
accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
24 = Wheel scotches (for cars) on car-carrying wagon
25 = Gangway loading ramp on car-carrying wagon
26 = Metal cradles for rolls of metal sheeting
27 = Panel for covering markings
28 = Loading frame for special types of goods
29 = Headstock for "rolling roads"
99 = Other wagon accessories
</xss:documentation>
                </xss:annotation>
            </xss:element>
            <xss:element name="NumberOfAccessoryOfSpecType">
type="Numeric2-2">
                <xss:annotation>
                    <xss:documentation>Number of specified accessory
equipped on the wagon</xss:documentation>
                </xss:annotation>
            </xss:element>
            <xss:sequence>
                </xss:complexType>
            </xss:element>
            <xss:element ref="LoadingCapacity" minOccurs="0"/>
            <xss:element ref="MaxGrossWeight">
                <xss:annotation>
                    <xss:documentation>Weight of max Gross Load Weight plus the
tare weight of the equipment in kg</xss:documentation>
                </xss:annotation>

```

```

    </xs:element>
    <xs:element name="VapourReturnSystem" type="xs:boolean"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Indication if tank wagon is equipped with
a vapour return system</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element ref="FerryPermittedFlag" minOccurs="0">
        <xs:annotation>
            <xs:documentation> Indication if wagon is permitted to be
used on ferries</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="FerryRampAngle" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Maximum allowed angle of the ferry ramp
(in grades: °)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:decimal">
                <xs:totalDigits value="3"/>
                <xs:fractionDigits value="2"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="TemperatureRange" minOccurs="0">
        <xs:complexType>
            <xs:sequence>
                <xs:annotation>
                    <xs:documentation>Temperature Range</xs:documentation>
                </xs:annotation>
                <xs:element ref="MaxTemp"/>
                <xs:element ref="MinTemp"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Restrictions relevant to wagon operations
in train formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType,
according to 920-13: annotation will carry the information that only
thechnical parameters are allowed to be used here. Only the code numbers
should be in the annotation</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element ref="DateLastOverhaul">
        <xs:annotation>
            <xs:documentation>Date of the last overhaul, if yet no
overhaul date of putting into service</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element ref="OverhaulValidityPeriod"/>
    <xs:element ref="PermittedTolerance"/>
    <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/>
    <xs:element name="DateOfNextTankInspection" type="xs:date">

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| | |
|--|---|
| | <pre>minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element RollingStockDataset/AdministrativeDataSet

| | |
|-----------|--|
| diagram | <pre> classDiagram class AdministrativeDataSet class WagonNumberFreight class PreviousWagonNumberFreight class RegistrationCountry class DatePutIntoService class AuthorisationValidUntil class SuspensionOfAuthorisation class DateSuspensionOfAuthorisation class MultilateralAuthorisationCountries class ChannelTunnelPermitted class QuieterRoutesExemptionCountry class KeeperShortNameVkm class ECM class PlannedChangeOfECM class ECMCertificate class InteropCapability class GCUWagon AdministrativeDataSet "0..1" --> "1" WagonNumberFreight AdministrativeDataSet "0..1" --> "1" PreviousWagonNumberFreight AdministrativeDataSet "0..1" --> "1" RegistrationCountry AdministrativeDataSet "0..1" --> "1" DatePutIntoService AdministrativeDataSet "0..1" --> "1" AuthorisationValidUntil AdministrativeDataSet "0..1" --> "1" SuspensionOfAuthorisation AdministrativeDataSet "0..1" --> "1" DateSuspensionOfAuthorisation AdministrativeDataSet "*" --> "1..*" MultilateralAuthorisationCountries AdministrativeDataSet "0..1" --> "1" ChannelTunnelPermitted AdministrativeDataSet "0..1" --> "1" QuieterRoutesExemptionCountry AdministrativeDataSet "0..1" --> "1" KeeperShortNameVkm AdministrativeDataSet "0..1" --> "1" ECM AdministrativeDataSet "0..1" --> "1" PlannedChangeOfECM AdministrativeDataSet "0..1" --> "1" ECMCertificate AdministrativeDataSet "0..1" --> "1" InteropCapability AdministrativeDataSet "0..1" --> "1" GCUWagon </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

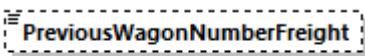
| | |
|------------|---|
| properties | content complex |
| children | <p>WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon</p> |
| source | <pre> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DatePutIntoService"> <xs:annotation> <xs:documentation>Date of first operation</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ChannelTunnelPermitted" type="xs:boolean"> </pre> |

```
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="KeeperShortNameVKM">
    <xs:annotation>
        <xs:documentation>Vehicle Keeper Marking of the wagon keeper as
listed in VKM register (http://www.era.europa.eu/Document-Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ECM">
    <xs:annotation>
        <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PlannedChangeOfECM" minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CurrentECMAssignedUntil" type="xs:date">
                <xs:annotation>
                    <xs:documentation> Date until the current Entity in Charge
of Maintenance is assigned to the wagon</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="SubsequentECM">
                <xs:annotation>
                    <xs:documentation> Full name of the following Entity in
Charge of Maintenance</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ECMCertificate">
```

```
<xs:annotation>
    <xs:documentation>ECM certificate information</xs:documentation>
</xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="EINNumber">
            <xs:annotation>
                <xs:documentation>ECM certificate reference number
                NOTE: this is a placeholder! CR 335 by ERA is containing this element and
                its full description and code lists.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element ref="CountryCodeISO"/>
                    <xs:element name="TypeDocumentEIN" type="Numeric2-2">
                        <xs:annotation>
                            <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
                        </xs:annotation>
                    </xs:element>
                    <xs:element name="CounterAcreditedRecognizedBody"
type="Numeric2-2"/>
                    <xs:element name="EINYear" type="Numeric2-2"/>
                    <xs:element name="EINCounter">
                        <xs:simpleType>
                            <xs:restriction base="xs:integer">
                                <xs:minInclusive value="0"/>
                                <xs:maxInclusive value="9999"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="ECMCertificateValidFrom" type="xs:date">
            <xs:annotation>
                <xs:documentation>Certificate valid from
date</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="ECMCertificateValidTo" type="xs:date">
            <xs:annotation>
                <xs:documentation>Certificate valid to
date</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
            <xs:annotation>
                <xs:documentation>Certificate covers other wagons
specialised in transport of dangerous goods</xs:documentation>
            </xs:annotation>
        </xs:element>
    </xs:sequence>
</xs:complexType>
```

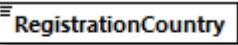
| | |
|--|--|
| | <pre> </xs:annotation> </xs:element> <xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateECMCertificateSuspended" type="xs:date"> minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element> <xs:sequence> </xs:complexType> </xs:element> <xs:element ref="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon The following values/codes are proposed for the usage (defined in the InteropCapabilityCode): 01 = National 02 = Bi-/Multilateral (with agreement or authorisation grid) 03 = RIV 05 = TEN 06 = TEN-GE 07 = TEN-CW 08 = TEN RIV</xs:documentation> </xs:annotation> </xs:element> <xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**

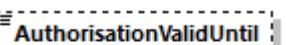
| | |
|-----------|--|
| diagram |  <p>For identification of a wagon after renumbering</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| type | <u>WagonIdent</u> |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation maxLength 12 pattern [0-9]{12} |
| annotation | documentation For identification of a wagon after renumbering |
| source | <pre><xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element></pre> |

element RollingStockDataset/AdministrativeDataSet/RegistrationCountry

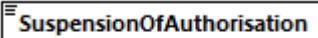
| | |
|------------|--|
| diagram |  <p>ISO country code of registration country</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>CountryIdentISO</u> |
| properties | content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation ISO country code of registration country |
| source | <pre><xs:element name="RegistrationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO country code of registration country</xs:documentation> </xs:annotation> </xs:element></pre> |

element RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil

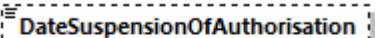
| | |
|------------|---|
| diagram |  <p>End date for restricted authorisation (special case)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>xs:date</u> |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation End date for restricted authorisation (special case) |

| | |
|--------|--|
| source | <pre><xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>End date for restricted authorisation (special case)</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|--|

element RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation

| | |
|------------|---|
| diagram |  <p>Information if authorisation has been suspended by the authority</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation Information if authorisation has been suspended by the authority |
| source | <pre><xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Information if authorisation has been suspended by the authority</xs:documentation> </xs:annotation> </xs:element></pre> |

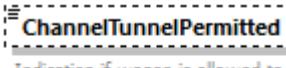
element RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation

| | |
|------------|---|
| diagram |  <p>Date of the suspension of authorisation; must be provided in case of suspension</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Date of the suspension of authorisation; must be provided in case of suspension |
| source | <pre><xs:element name="DateSuspensionOfAuthorisation" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of authorisation; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

| | |
|------------|---|
| diagram |  <p>ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | minOcc 0 maxOcc unbounded content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country |
| source | <pre><xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation> </xs:annotation> </xs:element></pre> |

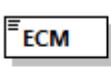
element **RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted**

| | |
|------------|---|
| diagram |  <p>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure. |
| source | <pre><xs:element name="ChannelTunnelPermitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry**

| | |
|------------|---|
| diagram |  |
| | ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>CountryIdentISO</u> |
| properties | minOcc 0 maxOcc unbounded content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant |
| source | <pre><xs:element name="QuieterRoutesExemptionCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/AdministrativeDataSet/ECM**

| | |
|------------|--|
| diagram |  |
| | Full name of the assigned Entity in Charge of Maintenance |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of <u>xs:string</u> |
| properties | content simple |
| facets | Kind Value Annotation maxLength 256 |
| annotation | documentation Full name of the assigned Entity in Charge of Maintenance |
| source | <pre><xs:element name="ECM"> <xs:annotation> <xs:documentation> Full name of the assigned Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType></pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

| | |
|------------|--|
| diagram | <pre> classDiagram class PlannedChangeOfECM class CurrentECMAssignedUntil class SubsequentECM PlannedChangeOfECM "1" -- "*" CurrentECMAssignedUntil : PlannedChangeOfECM "1" -- "*" SubsequentECM : </pre> <p>The diagram illustrates the <code>PlannedChangeOfECM</code> element as a central node connected via multiplicity "*" to two other nodes: <code>CurrentECMAssignedUntil</code> and <code>SubsequentECM</code>. The <code>CurrentECMAssignedUntil</code> node contains the text: "Date until the current Entity in Charge of Maintenance is assigned to the wagon". The <code>SubsequentECM</code> node contains the text: "Full name of the following Entity in Charge of Maintenance".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | CurrentECMAssignedUntil SubsequentECM |
| source | <pre> <xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil**

| | |
|------------|--|
| diagram | <pre> classDiagram class CurrentECMAssignedUntil </pre> <p>The diagram shows the <code>CurrentECMAssignedUntil</code> node with its associated documentation: "Date until the current Entity in Charge of Maintenance is assigned to the wagon".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |

| | |
|------------|---|
| annotation | documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon |
| source | <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> |

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

| diagram | <p>SubsequentECM</p> <p>Full name of the following Entity in Charge of Maintenance</p> | | | | | | |
|------------|---|------------|-------|------------|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:string | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | maxLength | 256 | |
| Kind | Value | Annotation | | | | | |
| maxLength | 256 | | | | | | |
| annotation | <p>documentation Full name of the following Entity in Charge of Maintenance</p> | | | | | | |
| source | <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> | | | | | | |

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

| | |
|------------|--|
| diagram | <pre> classDiagram class ECMCertificate { <<ECM certificate information>> } class EINNumber class ECMCertificateValidFrom class ECMCertificateValidTo class CoversTankWagonsForDangerousGoods class CoversNonTankWagonsForDangerousGoods class ECMCertificateSuspended class DateECMCertificateSuspended ECMCertificate "1..*" -- "*" EINNumber ECMCertificate "1..*" -- "*" ECMCertificateValidFrom ECMCertificate "1..*" -- "*" ECMCertificateValidTo ECMCertificate "1..*" -- "*" CoversTankWagonsForDangerousGoods ECMCertificate "1..*" -- "*" CoversNonTankWagonsForDangerousGoods CoversTankWagonsForDangerousGoods "*" -- "*" ECMCertificateSuspended CoversNonTankWagonsForDangerousGoods "*" -- "*" ECMCertificateSuspended ECMCertificateSuspended "*" -- "*" DateECMCertificateSuspended </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | EINNumber ECMCertificateValidFrom ECMCertificateValidTo CoversTankWagonsForDangerousGoods CoversNonTankWagonsForDangerousGoods ECMCertificateSuspended DateECMCertificateSuspended |
| annotation | documentation ECM certificate information |
| source | <pre> <xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation>ECM certificate information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </pre> |

```
        </xs:annotation>
    </xs:element>
    <xs:element name="CounterAcreditedRecognizedBody"
type="Numeric2-2">
        <xs:element name="EINYear" type="Numeric2-2"/>
        <xs:element name="EINCounter">
            <xs:simpleType>
                <xs:restriction base="xs:integer">
                    <xs:minInclusive value="0"/>
                    <xs:maxInclusive value="9999"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ECMCertificateValidFrom" type="xs:date">
    <xs:annotation>
        <xs:documentation>Certificate valid from date</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateValidTo" type="xs:date">
    <xs:annotation>
        <xs:documentation>Certificate valid to date</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Certificate covers tank wagons for dangerous
goods</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Certificate covers other wagons specialised in
transport of dangerous goods</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ECMCertificateSuspended" type="xs:boolean">
    <xs:annotation>
        <xs:documentation>Identification if certificate has been suspended
for any reason</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Date of the suspension of the ECM certificate;
must be provided in case of suspension</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber**

| | |
|------------|--|
| diagram | <pre> classDiagram EINNumber --> CountryCodeISO EINNumber --> TypeDocumentEIN EINNumber --> CounterAcreditedRecognizedBody EINNumber --> EINYear EINNumber --> EINCounter </pre> <p>EINNumber ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | CountryCodeISO TypeDocumentEIN CounterAcreditedRecognizedBody EINYear EINCounter |
| annotation | <p>documentation ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</p> |
| source | <pre> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN**

| | |
|------------|--|
| diagram |  TypeDocumentEIN <small>Code List Candidate: 31, 34</small> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric2-2 |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 01 maxInclusive 99 |
| annotation | documentation Code List Candidate: 31, 34 |
| source | <pre><xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element></pre> |

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody

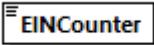
| | |
|------------|---|
| diagram |  CounterAcreditedRecognizedBody |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric2-2 |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 01 maxInclusive 99 |
| source | <pre><xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/></pre> |

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

| | |
|------------|---|
| diagram |  EINYear |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric2-2 |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 01 maxInclusive 99 |

| | |
|--------|---|
| source | <code><xs:element name="EINYear" type="Numeric2-2"/></code> |
|--------|---|

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

| diagram |  | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 9999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 0 | | | | | | | | | |
| maxInclusive | 9999 | | | | | | | | | |
| source | <pre><xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

| | |
|------------|---|
| diagram |  Certificate valid from date |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| annotation | documentation Certificate valid from date |
| source | <pre><xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo**

| | |
|------------|--|
| diagram |  Certificate valid to date |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |

| | |
|------------|--|
| annotation | documentation Certificate valid to date |
| source | <xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element> |

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

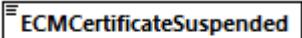
| | |
|------------|--|
| diagram |  CoversTankWagonsForDangerous... Certificate covers tank wagons for dangerous goods |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation Certificate covers tank wagons for dangerous goods |
| source | <xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element> |

element

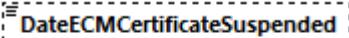
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods

| | |
|------------|--|
| diagram |  CoversNonTankWagonsForDangerous... Certificate covers other wagons specialised in transport of dangerous goods |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation Certificate covers other wagons specialised in transport of dangerous goods |
| source | <xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element> |

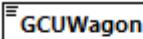
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

| | |
|------------|--|
| diagram |  ECMCertificateSuspended Identification if certificate has been suspended for any reason |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation Identification if certificate has been suspended for any reason |
| source | <pre><xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended**

| | |
|------------|---|
| diagram |  DateECMCertificateSuspended Date of the suspension of the ECM certificate; must be provided in case of suspension |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Date of the suspension of the ECM certificate; must be provided in case of suspension |
| source | <pre><xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/AdministrativeDataSet/GCUWagon**

| | |
|------------|---|
| diagram |  GCUWagon Indication if wagon is operated under the GCU contract |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation Indication if wagon is operated under the GCU contract |

| | |
|--------|--|
| source | <pre><xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|--|

element RollingStockDataset/DesignDataSet

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |

| | |
|----------|---|
| children | LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase CouplingType BufferType NormalLoadingGauge MinCurveRadius MinVerticalRadius YardHump WagonWeightEmpty LengthOverBuffers MaxAxeWeight LoadTable MaxDesignSpeed AirBrake HandBrake DerailmentDetectionDevice BrakeBlock WagonTelematics MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection |
| source | <pre> <xs:element name="DesignDataSet"> <xs:complexType> <xs:sequence> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"/> <xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WheelDiameter" minOccurs="0"/> <xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/> <xs:element ref="NumberOfBogies" minOccurs="0"> <xs:annotation> <xs:documentation>Number of bogies for a wagon (applies for bogie wagons only)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BogiePitch" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

```

<xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Largest distance between two adjacent bogie
pitches in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="InnerWheelbase" type="Numeric1-5">
  <xs:annotation>
    <xs:documentation>Maximum distance between two adjacent axles in
mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="CouplingType" minOccurs="0"/>
<xs:element name="BufferType" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Classification of buffer. The following values
are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2
(130), L2 (150), L4 (130), L4 (150)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="NormalLoadingGauge" minOccurs="0"/>
<xs:element ref="MinCurveRadius">
  <xs:annotation>
    <xs:documentation>Minimum allowed curve radius due to design
characteristics, measured in meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
<xs:element ref="WagonWeightEmpty">
  <xs:annotation>
    <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LengthOverBuffers"/>
<xs:element ref="MaxAxleWeight"/>
<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons and
additional/country specific) can be specified by providing the element
several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no
load table need to be provided.
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>

```

```

        <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="ProductUNCode" type="Numeric4-4">
                <xs:annotation>
                    <xs:documentation>UN code of product if product
specific load table</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="ProductRIDName">
                <xs:annotation>
                    <xs:documentation> RID product name as written on the
folding panel</xs:documentation>
                </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="256"/>
                </xs:restriction>
            </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation>ISO country code of countries for
additional load tables</xs:documentation>
    </xs:annotation>
    </xs:element>
    <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>Numeric speed in load table, without speed
empty in km/h</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element ref="LoadTableStars" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Number of load table stars. Currently
recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="RouteClassPayloads" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element ref="RouteClass"/>
                    <xs:element name="MaxPayload" maxOccurs="unbounded">

```

```
<xs:annotation>
    <xs:documentation>Maximum payload in tonnes of line
category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
</xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:decimal">
        <xs:totalDigits value="4"/>
        <xs:fractionDigits value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="MaxDesignSpeed"/>
<xs:element ref="AirBrake"/>
<xs:element ref="HandBrake">
    <xs:annotation>
        <xs:documentation>Characteristics of hand brake</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
<xs:element name="BrakeBlock" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Characteristics of brake
blocks</xs:documentation>
    </xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="BrakeBlockName" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Name of the brake block type, including
the length in mm</xs:documentation>
            </xs:annotation>
<xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
            </xs:restriction>
<xs:simpleType>
        </xs:element>
        <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
            <xs:annotation>
                <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
            </xs:annotation>
</xs:element>
        <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
```

```

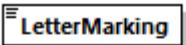
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="MaxLengthOfLoad" minOccurs="0">
  <xs:annotation>
    <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element ref="LoadArea" minOccurs="0"/>
<xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
  <xs:annotation>
    <xs:documentation>Height of the loading plane when wagon is empty
measured in mm</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TypeOfRemovableAccessories">
        <xs:annotation>
          <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher

```

| | |
|--|---|
| | <pre>24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfAccessoryOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="LoadingCapacity" minOccurs="0"/> <xs:element ref="MaxGrossWeight"> <xs:annotation> <xs:documentation>Weight of max Gross Load Weight plus the tare weight of the equipment in kg</xs:documentation> </xs:annotation> </xs:element> <xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="FerryPermittedFlag" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if wagon is permitted to be used on ferries</xs:documentation> </xs:annotation> </xs:element> <xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="3"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

| | |
|--|--|
| | <pre> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Restrictions relevant to wagon operations in train formation, yards or in trains due to design characteristics. Type will be the RestrictionCode instead of ForwardingRestrictionType, according to 920-13: annotation will carry the information that only thechnical parameters are allowed to be used here. Only the code numbers should be in the annotation</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DateLastOverhaul"> <xs:annotation> <xs:documentation>Date of the last overhaul, if yet no overhaul date of putting into service</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="OverhaulValidityPeriod"/> <xs:element ref="PermittedTolerance"/> <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **RollingStockDataset/DesignDataSet/LetterMarking**

| | | | | | | | |
|------------|---|------------|-------|------------|-----------|----|--|
| diagram |  <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:string | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>20</td> <td></td> </tr> </table> | Kind | Value | Annotation | maxLength | 20 | |
| Kind | Value | Annotation | | | | | |
| maxLength | 20 | | | | | | |
| annotation | <p>documentation</p> <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p> | | | | | | |
| source | <pre> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The </pre> | | | | | | |

| | |
|--|--|
| | <p>Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p> <pre></xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element RollingStockDataset/DesignDataSet/TankCode

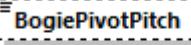
| | |
|------------|--|
| diagram |  <p>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation maxLength 20 |
| annotation | documentation Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1 |
| source | <pre><xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element RollingStockDataset/DesignDataSet/WheelSetType

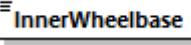
| | |
|------------|---|
| diagram |  <p>Type name of the wheel sets, and the name of the type depends on the manufacturer.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |

| | |
|------------|---|
| facets | Kind Value Annotation maxLength 256 |
| annotation | documentation Type name of the wheel sets, and the name of the type depends on the manufacturer. |
| source | <pre><xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

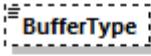
| | |
|------------|--|
| diagram |  <p>Largest distance between two adjacent bogie pitches in mm</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric1-5 |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99999 |
| annotation | documentation Largest distance between two adjacent bogie pitches in mm |
| source | <pre><xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

| | |
|------------|--|
| diagram |  <p>Maximum distance between two adjacent axles in mm</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric1-5 |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 1 |

| | |
|------------|---|
| | maxInclusive 99999 |
| annotation | documentation Maximum distance between two adjacent axles in mm |
| source | <pre><xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/BufferType**

| | |
|------------|---|
| diagram |  <p>Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation maxLength 256 |
| annotation | documentation Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150) |
| source | <pre><xs:element name="BufferType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of buffer. The following values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/LoadTable**

| | |
|------------|--|
| diagram | <pre> classDiagram class LoadTableProduct { Product description, only applies for product-specific load tables } class LoadTableCountry { ISO country code of countries for additional load tables } class SpeedCategory { Numeric speed in load table, without speed empty in km/h } class LoadTableStars { Number of load table stars. Currently recognized values/codes: 1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions 2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions 3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system. } class RouteClassPayloads { 1..∞ } LoadTable "0..∞" --> LoadTableProduct LoadTable "0..∞" --> LoadTableCountry LoadTable "1..∞" --> SpeedCategory LoadTable "0..∞" --> LoadTableStars LoadTable "1..∞" --> RouteClassPayloads </pre> <p>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | <p>minOcc 0 maxOcc unbounded content complex</p> |
| children | LoadTableProduct LoadTableCountry SpeedCategory LoadTableStars RouteClassPayloads |
| annotation | <p>documentation</p> <p>Indicates the load tables marked on the wagon.</p> <p>When load tables are marked on the wagon the information must be provided in the RSRD message.</p> <p>Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively.</p> <p>For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.</p> <p>The complete load table must be provided including the empty load row (if existent).</p> |
| source | <pre> <xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and </pre> |

additional/country specific) can be specified by providing the element several times consecutively.

For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided.

The complete load table must be provided including the empty load row (if existent).</xs:documentation>

```

</xs:annotation>
<xss:complexType>
  <xss:sequence>
    <xss:element name="LoadTableProduct" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Product description, only applies for product-specific load tables</xss:documentation>
      </xss:annotation>
      <xss:complexType>
        <xss:sequence>
          <xss:element name="ProductUNCode" type="Numeric4-4">
            <xss:annotation>
              <xss:documentation>UN code of product if product specific load table</xss:documentation>
            </xss:annotation>
          </xss:element>
          <xss:element name="ProductRIDName">
            <xss:annotation>
              <xss:documentation> RID product name as written on the folding panel</xss:documentation>
            </xss:annotation>
            <xss:simpleType>
              <xss:restriction base="xs:string">
                <xss:maxLength value="256"/>
              </xss:restriction>
            </xss:simpleType>
          </xss:element>
        </xss:sequence>
      </xss:complexType>
    </xss:element>
    <xss:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
      <xss:annotation>
        <xss:documentation>ISO country code of countries for additional load tables</xss:documentation>
      </xss:annotation>
    </xss:element>
    <xss:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded">
      <xss:annotation>
        <xss:documentation>Numeric speed in load table, without speed empty in km/h</xss:documentation>
      </xss:annotation>
    </xss:element>
    <xss:element ref="LoadTableStars" minOccurs="0">
      <xss:annotation>
        <xss:documentation>Number of load table stars. Currently recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions
      </xss:annotation>
    </xss:element>
  </xss:sequence>
</xss:complexType>

```

| | |
|--|--|
| | <p>3 = Authorised to run loaded in trains up to 120 km/h with a brake that does not meet all the requirements for 120 km/h conditions. Wagon is fitted with an automatic load-proportional braking system.</p> <pre> </xs:documentation> </xs:annotation> </xs:element> <xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:complexType> </xs:element> </xs:documentation> </pre> |
|--|--|

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct**

| | |
|------------|--|
| diagram | <pre> classDiagram class LoadTableProduct { <<Product description, only applies for product-specific load tables>> } class ProductUNCode { <<UN code of product if product specific load table>> } class ProductRIDName { <<RID product name as written on the folding panel>> } LoadTableProduct --> ProductUNCode LoadTableProduct --> ProductRIDName </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | ProductUNCode ProductRIDName |
| annotation | documentation Product description, only applies for product-specific load tables |
| source | <pre> <xs:element name="LoadTableProduct" minOccurs="0"> <xs:annotation> <xs:documentation>Product description, only applies for product-specific load tables</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ProductUNCode" type="Numeric4-4"> </pre> |

```

<xs:annotation>
  <xs:documentation>UN code of product if product specific load
table</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ProductRIDName">
  <xs:annotation>
    <xs:documentation> RID product name as written on the folding
panel</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="256"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode**

| | |
|------------|---|
| diagram |  ProductUNCode UN code of product if product specific load table |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric4-4 |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 0001 maxInclusive 9999 |
| annotation | documentation UN code of product if product specific load table |
| source | <xs:element name="ProductUNCode" type="Numeric4-4"> <xs:annotation> <xs:documentation>UN code of product if product specific load table</xs:documentation> </xs:annotation> </xs:element> |

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductRIDName**

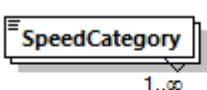
| | |
|------------|--|
| diagram |  ProductRIDName RID product name as written on the folding panel |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |

| | |
|------------|--|
| facets | Kind Value Annotation maxLength 256 |
| annotation | documentation RID product name as written on the folding panel |
| source | <pre><xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry**

| | |
|------------|---|
| diagram |  <p>ISO country code of countries for additional load tables</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | minOcc 0 maxOcc unbounded content simple |
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation ISO country code of countries for additional load tables |
| source | <pre><xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries for additional load tables</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**

| | |
|-----------|---|
| diagram |  <p>Numeric speed in load table, without speed empty in km/h</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric1-5 |

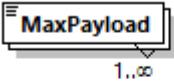
| | |
|------------|---|
| properties | minOcc 1 maxOcc unbounded content simple |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99999 |
| annotation | documentation Numeric speed in load table, without speed empty in km/h |
| source | <pre><xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

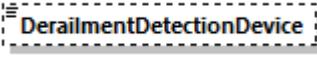
| | |
|------------|---|
| diagram | <pre> classDiagram class RouteClassPayloads { <<Sequence>> <<RouteClass>> <<MaxPayload>> } RouteClassPayloads --> RouteClass RouteClassPayloads --> MaxPayload RouteClassPayloads *--> RouteClass RouteClassPayloads *--> MaxPayload </pre> <p>The diagram illustrates the structure of the RouteClassPayloads element. It is defined as a sequence of two components: RouteClass and MaxPayload. There are two multiplicity markers, 1..∞, indicating that there can be one or more instances of each component.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 1 maxOcc unbounded content complex |
| children | RouteClass MaxPayload |
| source | <pre><xs:element name="RouteClassPayloads" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"></pre> |

| | |
|--|--|
| | <pre> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload**

| | |
|------------|--|
| diagram |  <p>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:decimal |
| properties | minOcc 1 maxOcc unbounded content simple |
| facets | Kind Value Annotation totalDigits 4 fractionDigits 1 |
| annotation | documentation Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory |
| source | <pre> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | DerailmentDetectionDevice |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation enumeration EDT 101 |

| | |
|--------|---|
| | enumeration MDV 100 |
| | enumeration Non coded device |
| source | <xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/> |

element **RollingStockDataset/DesignDataSet/BrakeBlock**

| | | | | | | | |
|------------|--|--------|---|--------|---|---------|---------|
| diagram | <p>BrakeBlock</p> <p>Characteristics of brake blocks</p> <p>BrakeBlockName</p> <p>Name of the brake block type, including the length in mm</p> <p>CompositeBrakeBlockRetrofitted</p> <p>Indication if composite brake blocks are retrofitted or originally equipped</p> <p>CompositeBrakeBlockInstallation...</p> <p>Date of composite brake block installation, for originally equipped wagon = date put into service</p> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>complex</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | complex | | | | | | |
| children | BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate | | | | | | |
| annotation | <p>documentation</p> <p>Characteristics of brake blocks</p> | | | | | | |
| source | <pre> <xs:element name="BrakeBlock" minOccurs="0"> <xs:annotation> <xs:documentation>Characteristics of brake blocks</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> </pre> | | | | | | |

| | |
|--|--|
| | <pre> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

| | |
|------------|--|
| diagram |  BrakeBlockName Name of the brake block type, including the length in mm |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation maxLength 256 |
| annotation | documentation Name of the brake block type, including the length in mm |
| source | <pre> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

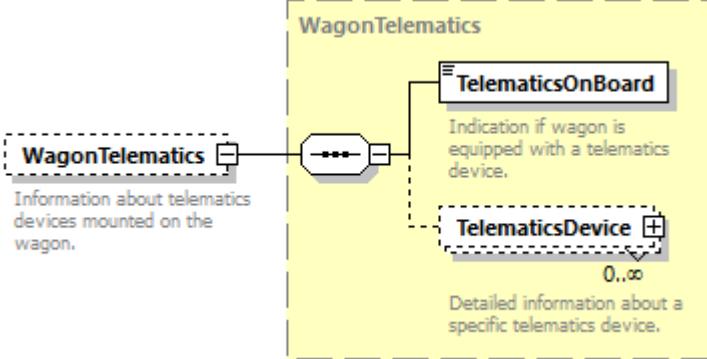
| | |
|------------|--|
| diagram |  CompositeBrakeBlockRetrofitted Indication if composite brake blocks are retrofitted or originally equipped |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Indication if composite brake blocks are retrofitted or originally equipped |
| source | <pre> <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation> Indication if composite brake blocks are retrofitted</pre> |

| | |
|--|---|
| | <pre>or originally equipped</xs:documentation> </xs:annotation> </xs:element></pre> |
|--|---|

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

| | |
|------------|---|
| diagram |  |
| | Date of composite brake block installation, for originally equipped wagon = date put into service |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Date of composite brake block installation, for originally equipped wagon = date put into service |
| source | <pre><xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation> </xs:annotation> </xs:element></pre> |

element **RollingStockDataset/DesignDataSet/WagonTelematics**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WagonTelematics |
| properties | minOcc 0 maxOcc 1 content complex |
| children | TelematicsOnBoard TelematicsDevice |
| annotation | documentation Information about telematics devices mounted on the wagon. |
| source | <pre><xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Information about telematics devices mounted on the wagon.</xs:documentation></pre> |

| | |
|--|---|
| | <pre></xs:annotation> </xs:element></pre> |
|--|---|

element RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen

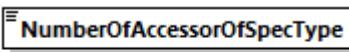
| | | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---------|--------|--------------|-------|--|
| diagram |  <p>HeightOfLoadingPlaneUnladen</p> <p>Height of the loading plane when wagon is empty measured in mm</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Numeric1-5 | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>minInclusive</td><td>1</td><td></td></tr> <tr> <td>maxInclusive</td><td>99999</td><td></td></tr> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Height of the loading plane when wagon is empty measured in mm</p> | | | | | | | | | |
| source | <pre><xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Height of the loading plane when wagon is empty measured in mm</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

| diagram | <p>The diagram shows a UML class named RemovableAccessories represented by a rectangle with a dashed border. It has a multiplicity of 0..oo at its end, connected to a rounded rectangle representing the TypeOfRemovableAccessories class. The TypeOfRemovableAccessories class contains a list of 29 items, each preceded by a number from 01 to 99.</p> <table border="1"> <thead> <tr> <th>Type of Removable Accessory</th> </tr> </thead> <tbody> <tr><td>01 = Removable stanchion</td></tr> <tr><td>02 = Removable side flap of flat wagon</td></tr> <tr><td>03 = Removable end flap of flat wagon</td></tr> <tr><td>04 = Removable side rail</td></tr> <tr><td>05 = Removable intermediate upright for securing the load</td></tr> <tr><td>06 = Stanchion chain</td></tr> <tr><td>07 = Removable handle and wheel for winch on car-carrying wagon</td></tr> <tr><td>08 = Swivelling bolster (with stanchions)</td></tr> <tr><td>09 = Coupling rod (rigid coupling)</td></tr> <tr><td>10 = Ice bunker</td></tr> <tr><td>11 = Ice bunker screen</td></tr> <tr><td>12 = Ice bunker frame</td></tr> <tr><td>13 = Trestle or bar with hooks for hanging meat</td></tr> <tr><td>14 = Movable cross-member of wagon with low loading plane</td></tr> <tr><td>15 = Removable support</td></tr> <tr><td>16 = Mooring cross-member on wagon for special loads</td></tr> <tr><td>17 = Movable floor panel on wagon for special loads</td></tr> <tr><td>18 = Scotch</td></tr> <tr><td>19 = Skid bar with or without shoes on car-carrying wagon</td></tr> <tr><td>20 = Mooring strap on car-carrying wagon</td></tr> <tr><td>21 = Beam for movable ramp on car-carrying wagon</td></tr> <tr><td>22 = Spare heating half-coupling</td></tr> <tr><td>23 = Fire extinguisher</td></tr> <tr><td>24 = Wheel scotches (for cars) on car-carrying wagon</td></tr> <tr><td>25 = Gangway loading ramp on car-carrying wagon</td></tr> <tr><td>26 = Metal cradles for rolls of metal sheeting</td></tr> <tr><td>27 = Panel for covering markings</td></tr> <tr><td>28 = Loading frame for special types of goods</td></tr> <tr><td>29 = Headstock for "rolling roads"</td></tr> <tr><td>99 = Other wagon accessories</td></tr> </tbody> </table> <p>NumberofAccessoryofSpecType</p> <p>Number of specified accessory equipped on the wagon</p> | Type of Removable Accessory | 01 = Removable stanchion | 02 = Removable side flap of flat wagon | 03 = Removable end flap of flat wagon | 04 = Removable side rail | 05 = Removable intermediate upright for securing the load | 06 = Stanchion chain | 07 = Removable handle and wheel for winch on car-carrying wagon | 08 = Swivelling bolster (with stanchions) | 09 = Coupling rod (rigid coupling) | 10 = Ice bunker | 11 = Ice bunker screen | 12 = Ice bunker frame | 13 = Trestle or bar with hooks for hanging meat | 14 = Movable cross-member of wagon with low loading plane | 15 = Removable support | 16 = Mooring cross-member on wagon for special loads | 17 = Movable floor panel on wagon for special loads | 18 = Scotch | 19 = Skid bar with or without shoes on car-carrying wagon | 20 = Mooring strap on car-carrying wagon | 21 = Beam for movable ramp on car-carrying wagon | 22 = Spare heating half-coupling | 23 = Fire extinguisher | 24 = Wheel scotches (for cars) on car-carrying wagon | 25 = Gangway loading ramp on car-carrying wagon | 26 = Metal cradles for rolls of metal sheeting | 27 = Panel for covering markings | 28 = Loading frame for special types of goods | 29 = Headstock for "rolling roads" | 99 = Other wagon accessories |
|---|--|-----------------------------|--------------------------|--|---------------------------------------|--------------------------|---|----------------------|---|---|------------------------------------|-----------------|------------------------|-----------------------|---|---|------------------------|--|---|-------------|---|--|--|----------------------------------|------------------------|--|---|--|----------------------------------|---|------------------------------------|------------------------------|
| Type of Removable Accessory | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 = Removable stanchion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 = Removable side flap of flat wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 = Removable end flap of flat wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 = Removable side rail | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05 = Removable intermediate upright for securing the load | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06 = Stanchion chain | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 = Removable handle and wheel for winch on car-carrying wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 = Swivelling bolster (with stanchions) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09 = Coupling rod (rigid coupling) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 = Ice bunker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 = Ice bunker screen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 = Ice bunker frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 = Trestle or bar with hooks for hanging meat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 = Movable cross-member of wagon with low loading plane | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 = Removable support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 = Mooring cross-member on wagon for special loads | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 = Movable floor panel on wagon for special loads | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 = Scotch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 = Skid bar with or without shoes on car-carrying wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 = Mooring strap on car-carrying wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 = Beam for movable ramp on car-carrying wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 = Spare heating half-coupling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 = Fire extinguisher | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 = Wheel scotches (for cars) on car-carrying wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 = Gangway loading ramp on car-carrying wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 = Metal cradles for rolls of metal sheeting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 = Panel for covering markings | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 = Loading frame for special types of goods | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 = Headstock for "rolling roads" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 = Other wagon accessories | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | <p>minOcc 0 maxOcc unbounded content complex</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| children | TypeOfRemovableAccessories NumberOfAccessoryofSpecType | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

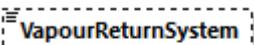
| | |
|--|--|
| | <pre> 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support 16 = Mooring cross-member on wagon for special loads 17 = Movable floor panel on wagon for special loads 18 = Scotch 19 = Skid bar with or without shoes on car-carrying wagon 20 = Mooring strap on car-carrying wagon 21 = Beam for movable ramp on car-carrying wagon 22 = Spare heating half-coupling 23 = Fire extinguisher 24 = Wheel scotches (for cars) on car-carrying wagon 25 = Gangway loading ramp on car-carrying wagon 26 = Metal cradles for rolls of metal sheeting 27 = Panel for covering markings 28 = Loading frame for special types of goods 29 = Headstock for "rolling roads" 99 = Other wagon accessories </xs:documentation> </xs:annotation> </xs:element> <xs:element name="NumberOfAccessoryOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessoryOfSpecType**

| diagram |  <p>Number of specified accessory equipped on the wagon</p> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|----|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | Numeric2-2 | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 01 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 01 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |

| | |
|------------|--|
| annotation | documentation Number of specified accessory equipped on the wagon |
| source | <pre><xs:element name="NumberOfAccessoryOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element></pre> |

element RollingStockDataset/DesignDataSet/VapourReturnSystem

| | |
|------------|--|
| diagram |  <p>Indication if tank wagon is equipped with a vapour return system</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Indication if tank wagon is equipped with a vapour return system |
| source | <pre><xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation> </xs:annotation> </xs:element></pre> |

element RollingStockDataset/DesignDataSet/FerryRampAngle

| diagram |  <p>Maximum allowed angle of the ferry ramp (in grades: °)</p> | | | | | | | | | |
|----------------|--|------------|-------|------------|-------------|---|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>3</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 3 | | fractionDigits | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| totalDigits | 3 | | | | | | | | | |
| fractionDigits | 2 | | | | | | | | | |
| annotation | documentation Maximum allowed angle of the ferry ramp (in grades: °) | | | | | | | | | |
| source | <pre><xs:element name="FerryRampAngle" minOccurs="0"> <xs:annotation> <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:restriction base="xs:decimal"> <xs:totalDigits value="3"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **RollingStockDataset/DesignDataSet/TemperatureRange**

| | |
|------------|---|
| diagram | <pre> classDiagram class TemperatureRange { <<Temperature Range>> } class MaxTemp { <<Maximum Temperature in °Celsius>> } class MinTemp { <<Minimum temperature in °Celsius>> } TemperatureRange "1" -- "2" MaxTemp TemperatureRange "1" -- "2" MinTemp </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | MaxTemp MinTemp |
| source | <pre> <xs:element name="TemperatureRange" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Temperature Range</xs:documentation> </xs:annotation> <xs:element ref="MaxTemp"/> <xs:element ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

| | |
|------------|---|
| diagram | <pre> classDiagram class DateOfNextTankInspection { <<Date of the next tank inspection, applies only for tank wagons>> } </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Date of the next tank inspection, applies only for tank wagons |
| source | <pre> <xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation> </xs:annotation> </xs:element> </pre> |

| | |
|--|---------------|
| | </xs:element> |
|--|---------------|

element **RollingStockDatasetMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class RollingStockDatasetMessage { <<Rolling Stock administrative and Technical Dataset>> } class MessageHeader { <<Used for all messages>> } class RollingStockDataset { <<Rolling Stock administrative and Technical Dataset>> } class RefusedWagonNumbers { <<Rolling Stock administrative and Technical Dataset>> } RollingStockDatasetMessage "0..∞" -- "0..∞" MessageHeader : Used for all messages RollingStockDatasetMessage "0..∞" -- "0..∞" RollingStockDataset : Rolling Stock administrative and Technical Dataset RollingStockDatasetMessage "0..∞" -- "0..∞" RefusedWagonNumbers : Rolling Stock administrative and Technical Dataset </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader RollingStockDataset RefusedWagonNumbers |
| annotation | documentation Rolling Stock administrative and Technical Dataset |
| source | <pre> <xs:element name="RollingStockDatasetMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RollingStockDataset" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **RollingStockDatasetMessage/RefusedWagonNumbers**

| | |
|------------|---|
| diagram | <pre> classDiagram class RefusedWagonNumbers { <<0..>> } class WagonNumberFreight { <<Identifies uniquely the freight wagon by its number>> } class RefusalCode { <<Code List Candidate>> } class KeeperShortNameVKM { <<Free text, short name/vehicle keeper marking of the wagon keeper>> } RefusedWagonNumbers *--> WagonNumberFreight WagonNumberFreight --> RefusalCode WagonNumberFreight --> KeeperShortNameVKM </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc unbounded content complex |
| children | WagonNumberFreight RefusalCode KeeperShortNameVKM |
| source | <pre> <xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **RollingStockDatasetQueryMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class RollingStockDatasetQueryMessage { <<1..>> } class MessageHeader { <<Used for all messages>> } class WagonNumberFreight { <<Identifies uniquely the freight wagon by its number>> } RollingStockDatasetQueryMessage *--> MessageHeader MessageHeader --> WagonNumberFreight </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader WagonNumberFreight |
| annotation | documentation Rolling Stock administrative and Technical Dataset |
| source | <pre> <xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

| | |
|--|---|
| | <pre></xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **RouteInformation**

| diagram | <p>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | <p>documentation</p> <p>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</p> | | | | | | | | | |
| source | <pre><xs:element name="RouteInformation" type="FreeText"> <xs:annotation> <xs:documentation>The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **Routing**

| | |
|------------|---|
| diagram | <p>Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | RouteSection |
| used by | element WagonStatusMessages/WagonStatusMessage |
| annotation | <p>documentation</p> <p>Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</p> |
| source | <pre><xs:element name="Routing"> <xs:annotation> <xs:documentation>Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre> |

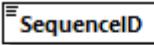
```
<xs:element name="RouteSection" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element name="RouteCode">
          <xs:annotation>
            <xs:documentation>Route code (International RouteCode)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="5"/>
              <xs:pattern value="\d*[1-9]\d*0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="RouteText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of the specific route section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="80"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **Routing/RouteSection**

| | | | | | | | |
|------------|--|--------|---|--------|----|---------|---------|
| diagram | <pre> classDiagram class RouteSection { <<1..30>> <<Route sequence>> } class SequenceID { <<Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.>> } class RouteCode { <<Route code (International RouteCode)>> } class RouteText { <<Description of the specific route section>> } RouteSection --> SequenceID SequenceID --> RouteCode RouteText -.-> RouteCode </pre> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>30</td></tr> <tr> <td>content</td><td>complex</td></tr> </table> | minOcc | 1 | maxOcc | 30 | content | complex |
| minOcc | 1 | | | | | | |
| maxOcc | 30 | | | | | | |
| content | complex | | | | | | |
| children | SequenceID RouteCode RouteText | | | | | | |
| annotation | <p>documentation</p> <p>Route sequence</p> | | | | | | |
| source | <pre> <xss:element name="RouteSection" maxOccurs="30"> <xss:annotation> <xss:documentation>Route sequence</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="SequenceID" type="xs:int"> <xss:annotation> <xss:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xss:documentation> </xss:annotation> </xss:element> <xss:sequence> <xss:element name="RouteCode"> <xss:annotation> <xss:documentation>Route code (International RouteCode)</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:string"> <xss:length value="5"/> <xss:pattern value="\d*[1-9]\d*0"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element name="RouteText" minOccurs="0"> <xss:annotation> <xss:documentation>Description of the specific route section</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:string"> <xss:minLength value="1"/> </xss:restriction> </xss:simpleType> </xss:element> </xss:sequence> </xss:sequence> </xss:complexType> </xss:element> </pre> | | | | | | |

| | |
|--|---|
| | <pre> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element Routing/RouteSection/SequenceID

| | |
|------------|---|
| diagram |  <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:int |
| properties | content simple |
| annotation | documentation Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes. |
| source | <pre> <xs:element name="SequenceID" type="xs:int"> <xs:annotation> <xs:documentation>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</xs:documentation> </xs:annotation> </xs:element></pre> |

element Routing/RouteSection/RouteCode

| diagram |  <p>Route code (International RouteCode)</p> | | | | | | | | | |
|------------|--|------------|-------|------------|--------|---|--|---------|--------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>5</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*0</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | length | 5 | | pattern | \d*[1-9]\d*0 | |
| Kind | Value | Annotation | | | | | | | | |
| length | 5 | | | | | | | | | |
| pattern | \d*[1-9]\d*0 | | | | | | | | | |
| annotation | documentation Route code (International RouteCode) | | | | | | | | | |
| source | <pre> <xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> <xs:pattern value="\d*[1-9]\d*0"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **Routing/RouteSection/RouteText**

| | |
|------------|--|
| diagram |  <p>Description of the specific route section</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 80 |
| annotation | documentation Description of the specific route section |
| source | <pre> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

element **RP_Code**

| | |
|------------|--|
| diagram |  <p>Routing point code of the production station of the acceptance or delivery point.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint ProductionStation |
| facets | Kind Value Annotation length 5 |

| | |
|------------|---|
| annotation | documentation Routing point code of the production station of the acceptance or delivery point. |
| source | <pre><xs:element name="RP_Code"> <xs:annotation> <xs:documentation>Routing point code of the production station of the acceptance or delivery point. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element RU_Partner

| diagram |  | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | elements ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation Railway Undertaking | | | | | | | | | | | | |
| source | <pre><xs:element name="RU_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element ScheduledDateTimeAtTransfer

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | elements OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier |
| annotation | documentation The referenced date and time of arrival or exit at the border between two different IMs |

| | |
|--------|---|
| source | <pre><xs:element name="ScheduledDateTimeAtTransfer" type="xs:dateTime"> <xs:annotation> <xs:documentation>The referenced date and time of arrival or exit at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|---|

element ScheduledTimeAtHandover

| | |
|------------|---|
| diagram |  <p>The referenced date and time of departure or entrance at the border between two different IMs</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | elements OperationalTrainNumberIdentifier WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier |
| annotation | documentation The referenced date and time of departure or entrance at the border between two different IMs |
| source | <pre><xs:element name="ScheduledTimeAtHandover" type="xs:dateTime"> <xs:annotation> <xs:documentation>The referenced date and time of departure or entrance at the border between two different IMs</xs:documentation> </xs:annotation> </xs:element></pre> |

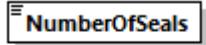
element ScheduledTimeAtLocation

| | |
|------------|---|
| diagram |  <p>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element ExceptionPoint |
| annotation | documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location |
| source | <pre><xs:element name="ScheduledTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time at a location related to the status of the train or wagon at the given location</xs:documentation> </xs:annotation> </xs:element></pre> |

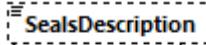
element **Seals**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | NumberOfSeals SealsDescription |
| used by | elements ILU Details ITU Details Wagons/WagonDetails |
| annotation | <p>documentation</p> <p>Describes the seals used for the consignment</p> |
| source | <pre> <xs:element name="Seals"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **Seals/NumberOfSeals**

| | |
|------------|---|
| diagram |  NumberOfSeals Number of the seals attached by the original consignor. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 0 totalDigits 2 |
| annotation | documentation Number of the seals attached by the original consignor. |
| source | <pre><xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **Seals/SealsDescription**

| | |
|------------|---|
| diagram |  SealsDescription 0..10 Additional information of the original consignor regarding the attached seals. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 10 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 10 |
| annotation | documentation Additional information of the original consignor regarding the attached seals. |
| source | <pre><xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"></pre> |

| | |
|--|--|
| | <pre> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **Sender**

| diagram | <p>The diagram shows a class named "Sender" with a dashed line pointing to an attribute named "CI_InstanceNumber". A tooltip for "CI_InstanceNumber" states: "Number of a Common Interface Instance for the same Company".</p> | | | | | | | | | | | | |
|-----------------------------------|---|------------|---------|------------|--|-------|------------|-----------------------------------|----------------------------|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | extension of CompanyCode | | | | | | | | | | | | |
| properties | content complex | | | | | | | | | | | | |
| used by | element MessageHeader | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>CI_InstanceNumber</td> <td>Numeric2-2</td> <td></td> <td></td> <td></td> <td>documentation Number of a Common Interface Instance for the same Company</td> </tr> </tbody> </table> | Name | Type | Use | Default | Fixed | Annotation | CI_InstanceNumber | Numeric2-2 | | | | documentation Number of a Common Interface Instance for the same Company |
| Name | Type | Use | Default | Fixed | Annotation | | | | | | | | |
| CI_InstanceNumber | Numeric2-2 | | | | documentation Number of a Common Interface Instance for the same Company | | | | | | | | |
| annotation | documentation The sender of the message | | | | | | | | | | | | |
| source | <pre> <xs:element name="Sender"> <xs:annotation> <xs:documentation>The sender of the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CompanyCode"> <xs:attribute ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre> | | | | | | | | | | | | |

element **SenderReference**

| | |
|---------|---|
| diagram | <p>The diagram shows a class named "SenderReference" with a tooltip stating: "reference used by the sender (e.g. FTP file name)".</p> |
|---------|---|

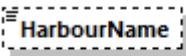
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| type | FreeText | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element MessageHeader | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | documentation reference used by the sender (e.g. FTP file name) | | | | | | | | | |
| source | <pre><xs:element name="SenderReference" type="FreeText"> <xs:annotation> <xs:documentation>reference used by the sender (e.g. FTP file name)</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **Ship**

| | |
|------------|--|
| diagram | <p>The diagram illustrates the structure of the Ship element. It consists of a central rectangular box labeled Ship, which is connected via a line to three other boxes: VesselIndication, HarbourName, and ShipOwner. VesselIndication is shown with a plus sign (+) in its top right corner. HarbourName and ShipOwner are enclosed in dashed rectangles, indicating they are complex types. Below the diagram, a note states: "Additional information for transports, which shall be handed over to a ship".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | VesselIndication HarbourName ShipOwner |
| used by | elements ILU Details ITU Details Wagons/WagonDetails |
| annotation | documentation Additional information for transports, which shall be handed over to a ship |
| source | <pre><xs:element name="Ship"> <xs:annotation> <xs:documentation>Additional information for transports, which shall be handed over to a ship</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselIndication"/> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|---|
| | <pre> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

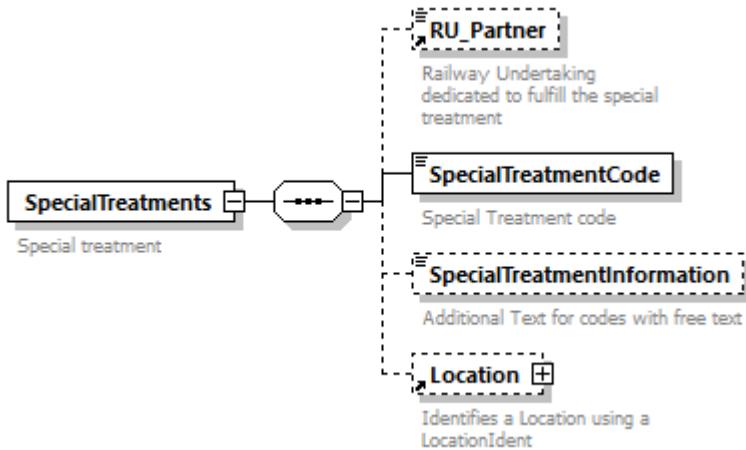
element Ship/HarbourName

| diagram |  <p>Name of harbour, where the transport will be handed over to a ship.</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 35 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 35 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Name of harbour, where the transport will be handed over to a ship.</p> | | | | | | | | | |
| source | <pre> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **Ship/ShipOwner**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Name of ship owner. |
| source | <pre><xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **SpecialTreatments**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | RU_Partner SpecialTreatmentCode SpecialTreatmentInformation Location |
| used by | ConsignmentOrderMessage / COMS / COM_WIMO_Dataset / ConsignmentLevelData |
| annotation | documentation Special treatment |
| source | <pre><xs:element name="SpecialTreatments"> <xs:annotation></pre> |

```

<xs:documentation>Special treatment</xs:documentation>
</xs:annotation>
<xss:complexType>
  <xss:sequence>
    <xss:element ref="RU_Partner" minOccurs="0">
      <xss:annotation>
        <xs:documentation>Railway Undertaking dedicated to fulfill the
special treatment</xs:documentation>
      </xss:annotation>
    </xss:element>
    <xss:element name="SpecialTreatmentCode">
      <xss:annotation>
        <xs:documentation>Special Treatment code</xs:documentation>
      </xss:annotation>
      <xss:simpleType>
        <xss:restriction base="xs:string">
          <xs:length value="2"/>
        </xss:restriction>
      </xss:simpleType>
    </xss:element>
    <xss:element name="SpecialTreatmentInformation" minOccurs="0">
      <xss:annotation>
        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xss:annotation>
      <xss:simpleType>
        <xss:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="40"/>
        </xss:restriction>
      </xss:simpleType>
    </xss:element>
    <xss:element ref="Location" minOccurs="0"/>
  </xss:sequence>
</xss:complexType>
</xss:element>

```

element **SpecialTreatments/SpecialTreatmentCode**

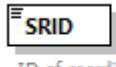
| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| facets | Kind Value Annotation length 2 |
| annotation | documentation Special Treatment code |
| source | <pre> <xss:element name="SpecialTreatmentCode"> <xss:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xss:annotation> <xss:simpleType> </pre> |

| | |
|--|--|
| | <pre><xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element **SpecialTreatments/SpecialTreatmentInformation**

| | |
|------------|---|
| diagram |  <p>Additional Text for codes with free text</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 40 |
| annotation | documentation Additional Text for codes with free text |
| source | <pre><xs:element name="SpecialTreatmentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **SRID**

| | |
|------------|--|
| diagram |  <p>ID of coordinates system used (EPSG code)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | element GeographicCoordinates |
| facets | Kind Value Annotation pattern [0-9]{4} |
| annotation | documentation ID of coordinates system used (EPSG code) |
| source | <pre><xs:element name="SRID"> <xs:annotation></pre> |

| | |
|--|---|
| | <pre> <xs:documentation>ID of coordinates system used (EPSG code)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="[0-9]{4}" /> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element StartDate

| | |
|------------|--|
| diagram |  StartDate The start of the date/time in effect |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| used by | complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType |
| annotation | documentation The start of the date/time in effect |
| source | <pre> <xs:element name="StartDate" type="xs:date"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element> </pre> |

element StartDateTime

| | |
|------------|--|
| diagram |  StartDateTime The start of the date/time in effect |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | elements RequestedPeriod RequestedTimeframe ValidityPeriod |
| annotation | documentation The start of the date/time in effect |
| source | <pre> <xs:element name="StartDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **StartLocation**

| | |
|------------|--|
| diagram | <pre> classDiagram class StartLocation class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } StartLocation --> LocationIdent CountryCodeISO <--> LocationIdent LocationPrimaryCode <--> LocationIdent PrimaryLocationName <--> LocationIdent LocationSubsidiaryIdentification <--> LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation Starting point of section or segment |
| source | <pre> <xss:element name="StartLocation" type="LocationIdent"> <xss:annotation> <xss:documentation>Starting point of section or segment</xss:documentation> </xss:annotation> </xss:element> </pre> |

element **Station**

| | |
|-----------|--|
| diagram | <pre> classDiagram class Station class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } Station --> LocationIdent CountryCodeISO <--> LocationIdent LocationPrimaryCode <--> LocationIdent PrimaryLocationName <--> LocationIdent LocationSubsidiaryIdentification <--> LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| type | extension of LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| used by | elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint |
| annotation | documentation Details of station serving the point |
| source | <pre><xs:element name="Station"> <xs:annotation> <xs:documentation>Details of station serving the point</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element></pre> |

element StatusOfDocument

| | |
|------------|---|
| diagram |  <p>Enumerated value for the status of the attached document</p> <p>1 = not electronical attached</p> <p>2 embedded in ECTD, ECN or PCN ...</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | content simple |
| used by | element ConsignmentOrderMessage/COMS/COM/AttachedDocuments |
| facets | Kind Value Annotation enumeration 2 enumeration 1 |
| annotation | documentation Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN |
| source | <pre><xs:element name="StatusOfDocument"> <xs:annotation> <xs:documentation> Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN </xs:documentation> </xs:annotation> </xs:element></pre> |

| | |
|--|---|
| | <pre> </xs:annotation> <xssimpleType> <xs:restriction base="xs:token"> <xs:enumeration value="2"/> <xs:enumeration value="1"/> </xs:restriction> </xssimpleType> </xs:element> </pre> |
|--|---|

element **SummaryOfGoodsWithSameRID**

| | |
|------------|--|
| diagram | <p>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | UN_Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume |
| used by | ILU ITU RollingRoadUnit Wagons |
| annotation | <p>documentation</p> <p>This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here</p> |
| source | <pre> <xs:element name="SummaryOfGoodsWithSameRID"> <xs:annotation> <xs:documentation>This element is only in use if the consignment </pre> |

includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here</xs:documentation>

```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="UN_Number" minOccurs="0"/>
    <xs:element ref="PackingGroup" minOccurs="0"/>
    <xs:element ref="DangerousGoodsWeight" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="DangerousGoodsVolume" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

element **TechnicalForwardingRestrictions**

| diagram | <p>TechnicalForwardingRestrictions</p> <p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load.</p> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list <code>RestrictionCodes</code>.</p> <p>In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the <code>RestrictionCodes</code>. Only these codes should be used in this element.</p> <p>F =</p> <p>Freight P = Passenger T = Technical D = Damage L = Load</p> <table border="1"> <thead> <tr> <th>Code</th><th>F or P</th><th>Description</th></tr> </thead> <tbody> <tr> <td>D L</td><td>T</td><td></td></tr> <tr> <td>07 F</td><td></td><td>Shunt only when hand brake operable with ground staff</td></tr> <tr> <td>11 F</td><td>X X</td><td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td></tr> <tr> <td>12 F</td><td>X</td><td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td></tr> <tr> <td>13 F</td><td>X</td><td>Bogie wagon with distance between wheels of more than 17,50 metres</td></tr> <tr> <td>15 F</td><td>X</td><td>Wagon not allowed over the hump</td></tr> <tr> <td>16 F</td><td>X X X</td><td>Do not fly shunt or gravity shunt (3 red triangles)</td></tr> </tbody> </table> | Code | F or P | Description | D L | T | | 07 F | | Shunt only when hand brake operable with ground staff | 11 F | X X | Wagon other than bogie wagon with wheelbase of more than 9 metres | 12 F | X | Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres | 13 F | X | Bogie wagon with distance between wheels of more than 17,50 metres | 15 F | X | Wagon not allowed over the hump | 16 F | X X X | Do not fly shunt or gravity shunt (3 red triangles) |
|-----------|--|--|--------|-------------|----------|---|--|-----------|--|---|-----------|----------|---|-----------|---|--|-----------|---|--|-----------|---|---------------------------------|-----------|-----------------|---|
| Code | F or P | Description | | | | | | | | | | | | | | | | | | | | | | | |
| D L | T | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 F | | Shunt only when hand brake operable with ground staff | | | | | | | | | | | | | | | | | | | | | | | |
| 11 F | X X | Wagon other than bogie wagon with wheelbase of more than 9 metres | | | | | | | | | | | | | | | | | | | | | | | |
| 12 F | X | Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres | | | | | | | | | | | | | | | | | | | | | | | |
| 13 F | X | Bogie wagon with distance between wheels of more than 17,50 metres | | | | | | | | | | | | | | | | | | | | | | | |
| 15 F | X | Wagon not allowed over the hump | | | | | | | | | | | | | | | | | | | | | | | |
| 16 F | X X X | Do not fly shunt or gravity shunt (3 red triangles) | | | | | | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|------------|---|-------|---|
| type | RestrictionCodes | | |
| properties | content simple | | |
| used by | element RollingStockDataset/DesignDataSet | | |
| facets | Kind | Value | Annotation |
| | enumeration | 07 | documentation F - Shunt only when hand brake operable with ground staff |
| | enumeration | 08 | documentation F - Tank wagon loaded with liquid |
| | enumeration | 09 | documentation F - Wagon loaded with people |
| | enumeration | 11 | documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres |
| | enumeration | 12 | documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres |
| | enumeration | 13 | documentation F - Bogie wagon with distance between wheels of more than 17,50 metres |
| | enumeration | 15 | documentation F - Wagon not allowed over the hump |
| | enumeration | 16 | documentation F - Do not fly shunt or gravity shunt (3 red triangles) |
| | enumeration | 18 | documentation F - Must not use active braking equipment |
| | enumeration | 25 | documentation F - Gas carrying tank wagon with orange side stripe |
| | enumeration | 30 | documentation P (+F) - CCS fault (see CCS coding list) |
| | enumeration | 31 | documentation P (+F) - Braking system fault |
| | enumeration | 32 | documentation P (+F) - Wheelset, bogie fault |
| | enumeration | 33 | documentation P (+F) - Headlighting or back lighting fault |
| | enumeration | 34 | documentation P (+F) - Front glass broken |
| | enumeration | 35 | documentation P (+F) - Horn fault |
| | enumeration | 36 | documentation P (+F) - Radio fault |
| | enumeration | 37 | documentation P (+F) - Energy supply fault |
| | enumeration | 38 | documentation P (+F) - Traction or motor fault |
| | enumeration | 39 | documentation P - Access door fault |
| | enumeration | 41 | documentation F - Place this wagon at the front of the train |
| | enumeration | 42 | documentation F - Place this wagon at the rear of the train |
| | enumeration | 50 | documentation P (+F) - Speed restriction |
| | enumeration | 52 | documentation P (+F) - Diesel locomotive instead of electric locomotive |
| | enumeration | 61 | documentation F - Wagon forming part of a consignment of several wagons |
| | enumeration | 62 | documentation F - Wagon forming part of a group of wagons from which it must not be separated |
| | enumeration | 63 | documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one |
| | enumeration | 68 | documentation |

| | | |
|------------|---|--|
| | enumeration 70 | F - First or last wagon of a wagon group from which it must not be separated documentation |
| | enumeration 71 | F - Shunt with care (1 red triangle) documentation |
| | enumeration 90 | F - Shunt with special care (2 red triangle) documentation |
| | enumeration 91 | P - Train planned with passengers operated without passengers documentation |
| | enumeration 92 | P - Train planned without passengers operated with passengers documentation |
| | enumeration 94 | P - Train planned with hauled rolling stock and operated without any coaches (light engine) documentation |
| | enumeration 99 | F - Gas carrying wagon without orange side stripe documentation |
| | | P - Other |
| annotation | documentation | |
| | This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- | |
| | All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. | |
| | In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element. | |
| | | F = Freight |
| | P = Passenger | |
| | T = Technical | |
| | D = Damage | |
| | L = Load | |
| | Code F or P Description | |
| | | T D L |
| | 07 F | Shunt only when hand brake operable with ground staff |
| | | x |
| | 11 F | Wagon other than bogie wagon with wheelbase of more than 9 metres |
| | | x |
| | 12 F | Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres |
| | | x |
| | 13 F | Bogie wagon with distance between wheels of more than 17,50 metres |
| | | x |
| | 15 F | Wagon not allowed over the hump |
| | | x x x |
| | 16 F | Do not fly shunt or gravity shunt (3 red triangles) |
| | | x x |
| | 18 F | Must not use active braking equipment |
| | | x |
| | 25 F | Gas carrying tank wagon with orange side stripe |
| | | x |
| | 41 F | Place this wagon at the front of the train |

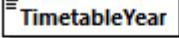
| | | | | |
|--|----|--------|---------------------|--|
| | 18 | F | x x x | Must not use active braking equipment |
| | 25 | F | x | Gas carrying tank wagon with orange side stripe |
| | 41 | F | x | Place this wagon at the front of the train |
| | 42 | F | x x x | Place this wagon at the rear of the train |
| | 63 | F (+P) | x x x | Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one |
| | 70 | F | x x | Shunt with care (1 red triangle) |
| | 71 | F | x x x | Shunt with special care (2 red triangle) |
| | 94 | F | x x x | Gas carrying wagon without orange side stripe |
| | | | x | </xs:documentation> |
| | | | | </xs:annotation> |
| | | | | </xs:element> |

element **TiltingFunction**

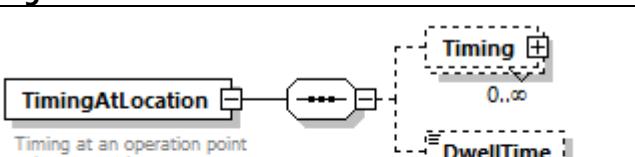
| | |
|------------|--|
| diagram |  <p>Indicates if a rolling stock is fitted with a tilting system</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| used by | element PlannedTrainTechnicalData |
| annotation | documentation Indicates if a rolling stock is fitted with a tilting system |
| source | <pre><xs:element name="TiltingFunction" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a rolling stock is fitted with a tilting system</xs:documentation></pre> |

| | |
|--|---|
| | <code></xs:annotation></code> <code></xs:element></code> |
|--|---|

element **TimetableYear**

| diagram |  TimetableYear Refers to the timetable period in which the business will be carried out | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|------|--|--------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>2012</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>2097</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 2012 | | maxInclusive | 2097 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 2012 | | | | | | | | | |
| maxInclusive | 2097 | | | | | | | | | |
| annotation | documentation Refers to the timetable period in which the business will be carried out | | | | | | | | | |
| source | <pre> <xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **TimingAtLocation**

| | |
|------------|--|
| diagram |  <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Timing DwellTime |
| used by | elements AssociatedAttachedTimingAtLocation PlannedJourneyLocation |
| annotation | <p>documentation</p> <p>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</p> |
| source | <pre><xss:element name="TimingAtLocation"> <xss:annotation> <xss:documentation>Timing at an operation point It has an attribute TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure ERT = Earliest Run Through ART = Actual Run Through LRT = Latest Run Through</pre> |

```

</xs:documentation>
</xs:annotation>
<xss:complexType>
<xss:sequence>
<xss:element name="Timing" minOccurs="0" maxOccurs="unbounded">
<xss:complexType>
<xss:sequence>
<xss:element name="Time">
<xss:annotation>
<xss:documentation>hh:mm:ss</xss:documentation>
</xss:annotation>
<xss:complexType>
<xss:simpleContent>
<xss:extension base="xs:time"/>
</xss:simpleContent>
</xss:complexType>
</xss:element>
<xss:element ref="Offset">
<xss:annotation>
<xss:documentation>in days</xss:documentation>
</xss:annotation>
</xss:element>
<xss:element ref="BookedLocationDateTime" minOccurs="0"/>
</xss:sequence>
<xss:attribute ref="TimingQualifierCode"/>
</xss:complexType>
</xss:element>
<xss:element ref="DwellTime" minOccurs="0"/>
</xss:sequence>
</xss:complexType>
</xss:element>

```

element TimingAtLocation/Timing

| | | | | | | | |
|------------|--|--------|---|--------|-----------|---------|---------|
| diagram | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table border="1"> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> <tr> <td>content</td><td>complex</td></tr> </table> | minOcc | 0 | maxOcc | unbounded | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | unbounded | | | | | | |
| content | complex | | | | | | |
| children | Time Offset BookedLocationDateTime | | | | | | |

| attributes | Name TimingQualifierCode | Type derived by: xs:token | Use | Default | Fixed | Annotation |
|------------|-----------------------------|---|-----|---------|-------|------------|
| source | | <pre><xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element> <xs:element ref="Offset"> <xs:annotation> <xs:documentation>in days</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> <xs:attribute ref="TimingQualifierCode"/> </xs:complexType> </xs:element></pre> | | | | |

element **TimingAtLocation/Timing/Time**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of xs:time |
| properties | content complex |
| annotation | documentation hh:mm:ss |
| source | <pre><xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="xs:time"/> </xs:simpleContent> </xs:complexType> </xs:element></pre> |

element **TotalLoadWeight**

| | |
|------------|--|
| diagram |  TotalLoadWeight The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WeightValueKilo |
| properties | content simple |
| used by | element WagonOperationalData |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse |
| annotation | documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment |
| source | <pre><xs:element name="TotalLoadWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment</xs:documentation> </xs:annotation> </xs:element></pre> |

element **TotalWeight**

| | |
|------------|--|
| diagram |  TotalWeight Total weight of the loaded wagon [kg]. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WeightValueKilo |
| properties | content simple |
| used by | elements Wagons/WagonDetails WagonInformation |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse |
| annotation | documentation Total weight of the loaded wagon [kg]. |
| source | <pre><xs:element name="TotalWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loaded wagon [kg].</xs:documentation> </xs:annotation> </xs:element></pre> |

element **TractionDetails**

| | |
|------------|--|
| diagram | <pre> classDiagram class TractionDetails { <<Defines the design series, mode of deployment and technical specifications associated with the traction of a train.>> } class LocoTypeNumber { <<Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive>> } class TypeOfUsedHybridPowerunit { <<Indication of type of power unit of a hybrid loco which is used; it has been filled only mandatory in case of hybrid locomotive>> } class TractionMode { <<Identifies the mode of deployment of a traction unit within a train>> } class TractionWeight { <<Check with group to see if it is for sum or individual - check TAP>> } class Length { <<Length in millimetres - Used for TAP>> } TractionDetails "1" --> "4..4" LocoTypeNumber TractionDetails "1" --> "0..1" TypeOfUsedHybridPowerunit TractionDetails "1" --> "0..1" TractionMode TractionDetails "1" --> "0..1" TractionWeight TractionDetails "1" --> "1..1" Length </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | LocoTypeNumber TypeOfUsedHybridPowerunit TractionMode TractionWeight Length |
| used by | element PlannedTrainTechnicalData |
| annotation | <p>documentation</p> <p>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p> |
| source | <pre> <xss:element name="TractionDetails"> <xss:annotation> <xss:documentation>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="LocoTypeNumber"/> <xss:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"> <xss:annotation> <xss:documentation>Indication of type of power unit of a hybrid loco which is used; it has been filled only mandatory in case of hybrid locomotive</xss:documentation> </xss:annotation> </xss:element> <xss:element ref="TractionMode" minOccurs="0"> <xss:annotation> <xss:documentation>Identifies the mode of deployment of a traction unit within a train</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre> |

| | |
|--|---|
| | <pre> </xs:annotation> </xs:element> <xs:element ref="TractionWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Check with group to see if it is for sum or individual - check TAP</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Length" minOccurs="0"> <xs:annotation> <xs:documentation>Length in milimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

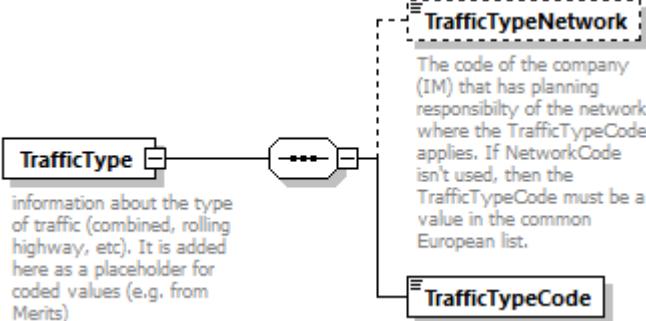
element **TractionPositionInTrain**

| diagram |  <p>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p> | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|----|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element TrainCompositionJourneySection/LocIdent | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 01 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 01 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p> | | | | | | | | | |
| source | <pre> <xs:element name="TractionPositionInTrain"> <xs:annotation> <xs:documentation>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **TractionWeight**

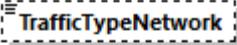
| diagram |  The weight of the traction unit | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | WeightValueTonne | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element TractionDetails | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| annotation | documentation The weight of the traction unit | | | | | | | | | |
| source | <pre><xs:element name="TractionWeight" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The weight of the traction unit</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **TrafficType**

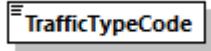
| | |
|------------|---|
| diagram |  <p>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TrafficTypeNetwork TrafficTypeCode |
| used by | element PlannedTrainData |
| annotation | documentation information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits) |
| source | <pre><xs:element name="TrafficType"> <xs:annotation> <xs:documentation>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"></pre> |

| | |
|--|---|
| | <pre> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrafficTypeCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **TrafficType/TrafficTypeNetwork**

| | | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|--------|--|---------|-------------|--|
| diagram |  <p>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</p> | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></td> </tr> </table> | minOcc | 0 | | maxOcc | 1 | | content | simple | | | | |
| minOcc | 0 | | | | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | | | | |
| content | simple | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</p> | | | | | | | | | | | | |
| source | <pre> <xs:element name="TrafficTypeNetwork" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | | | | |

element **TrafficType/TrafficTypeCode**

| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 9 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 9 | | | | | | | | | |
| source | <pre><xs:element name="TrafficTypeCode"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **TrainActivity**

| | |
|------------|--|
| properties | content complex |
| children | TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField |
| used by | elements TrainRunningData/Activities PlannedJourneyLocation |
| annotation | documentation Since the activites can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated. |
| source | <pre><xs:element name="TrainActivity" type="TrainActivityType"> <xs:annotation> <xs:documentation>Since the activites can be related to attaching / detaching of wagons and/or cars to different trains, the reference to other trains should be possible to be indicated.</xs:documentation> </xs:annotation> </xs:element></pre> |

element TrainActivityType

diagram

TrainActivityType

Indicates certain operations or operations carried for a train. If national codes are used, the code will still be the ISO country code, following:

0001 Commercial stop
RU Board/embark
passenger train, load/unload
height train

0002 Operational stop
IM Stop requested by
the IM (e.g. overshooting by
passenger)

0003 Service stop
RU Stop requested which are
used for non-commercial
activities (e.g. boarding of
staff)

0004 Syntactical
RUIM: moving the RU to
change a system (e.g.
signaling or safety
systems)

0005 Reversing stop
RUIM: stop to enable train
unit to run in the opposite
direction (without change
engine)

0006 Stop for reversing
move or drive to range end
RU Stop to enable train
unit to run in the opposite
direction (with change
engine at the other end of
the train)

0007 Technical
stop/technical
coach/wagon RUIM
stop to enable train
station: checking load

0008 Change gauge
RUIM: continuation on a
network with different
gauge with change of bogies
staggered bogies (F-E, S-V-F)

0009 Desch engine/unit
RU Unit not previously
desch

0010 Desch engine/unit
RU Unit no longer in
service

0011 Change engine
RU

0012 attach coach/wagon

RU

0013 desch

RU

0014 attach and detach

RU

0015 attach and detach

RU

0016 attach train

RU

0017 Operational Train (in service)

RU

0018 Operational Train (in service)
RU

e.g. need to park

the train at a specific delivery

for several hours

0019 Main/partial service

RU

0020 Partial service RU

actual activity of shunting

0021 Shunting service
RU

0022 Shunting service
RU

shunting service offered by

the IM (e.g. shunting)

0023 Terminal service

(terminal or end of final destination) RU

Request to stop at the

end of a train run (if offered

by the IM or own driver)

0024 Loop driver break
RU

legal issues, e.g. to

respect another train

0025 Crew change
RU

0026 Change of driver

as for the crew change
platform will be needed

0027 Custom of

passenger train RU

0028 Other stop reason

(miscellaneous) RU

0029 Boarding only
RU

0030 Disembarking only
RU

0031 Departure equals to
arrival time RU

If train departure/arrival
times are published,
this stop reason is used

to indicate that the train
arrives at the station at the
published arrival time in case
of early arrival

0032 Departure after
disembarking RU

marked as the end of

train run, train may continue
as next train if passengers
have disembarked

0033 Requesting for
connection RU

0034 Arrival time RU

Indicates that a track

with water access will be

needed

0035 Hearing
RU

0036 Cleaning
RU

0037 Treatment on plants
and animals RU

Watering, Foddering,

Spraying, Cleaning ventilation

Fertilization, Irrigation

Rain

0038 Treatment of

perishable goods RU

Chilling, Freezing, Heating,

Re-cooling, Heating, Checking

the temperature of the air

mechanical refrigeration

0039 Self-cooling

machinery, or of

0040 Administrative
operations RU

Requesting, Re-forwarding,

Submission to phytosanitary

inspections RU

0041 Run Through
RU

0042 Photo run-by /
Photo-stop RU

0043 Train Weighing

Waiting according to local
rules

0044 Train running with
another train RU

Where trains have been
stopped at a station

location on the schedule

0045 Transfer between
trains (towing stock). The
same locomotive/trainset is
used for both trains

0046 Dependency between
trains (towing stock). The
same locomotive/trainset is
used for both trains

0047 Dependency between
trains (towing stock).
Passenger/goods change
from one train to the other

0048 Change of OTNs
belonging to the same
transport if no TrainID is
present

0049 Loco battery
charging

National / company
codes

Example:
Numbers 00 to 99 may be
used for national
purposes. Just adding

ISO country code

CDS code from new
stop opening day

LW: max distance shorter
than 1/2 min

237: Train report stop
cancelled

namespace <http://www.era.europa.eu/schemes/TAFTSI/3.4>

| | | | | |
|------------|--|--|--|--|
| type | restriction of xs:string | | | |
| properties | content simple | | | |
| used by | complexType TrainActivityType | | | |
| facets | Kind Value Annotation minLength 4 maxLength 4 | | | |
| annotation | documentation Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99. 0001 Commercial stop RU Board/disembark passenger train, load/unload freight train 0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver) 0007 Stops for locomotive to run round train RU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train) 0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load 0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change engine RU 0013 attach coach/wagon RU 0014 detach coach/wagon RU 0015 attach and detach coach/wagon RU 0016 attach train Operational Train (in service) 0017 split train Operational Train (in service) 0018 Parking of vehicle RU e.g. need to park the train/composition midway for several hours 0019 Mail/parcel services RU 0020 shunting RU actual activity of shunting 0021 shunting service RU Request for shunting service (if offered by the IM or a third party) 0022 Terminal service (terminal in the meaning of final destination) RU Request for services at the end of a train run (if offered by the IM or a third party) 0023 Loco driver change RU 0024 Loco driver break RU legal issue, e.g. to respect working law 0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed 0026 Custom and passport facilities RU 0027 Other stop reason (miscellaneous) RU/IM 0028 Boarding only RU 0029 Disembarking only RU 0030 Stop on request RU 0031 Departure equals to arrival time RU If in some stations only arrival times are published, this activity code may be used to indicate that the train cannot continue before the published arrival time in case of an early arrival. 0032 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked 0033 No waiting for connection RU 0034 Watering RU Indicates the IM that a track with water access will be needed. 0035 Heating RU Indicates the IM that a track with heating equipment will be needed. 0036 Cleaning / disinfecting RU 0037 Treatment on plants and live animals RU Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps 0038 Treatment of perishable goods RU Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or | | | |

| | |
|--------|---|
| | <p>off</p> <p>0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections</p> <p>0040 Run Through (Passing Time) IM</p> <p>0041 Photo run-by / Photo-stop</p> <p>0042 Train Waiting Waiting according to local rules</p> <p>0043 Train running with another train RU Where trains have been attached at a previous location on the schedule</p> <p>0044 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service. RU</p> <p>0045 Dependency between trains (rolling stock). The same wagon/train/trainset is reused from the previous train service. RU</p> <p>0046 Dependency between trains (passengers/goods). Passengers/goods change from this train to another. RU</p> <p>0047 Dependency between trains (passengers/goods). Passengers/goods change from another train to this train. RU</p> <p>0048 Linkage of OTNs belonging to the same transport if no TrainID is present</p> <p>0049 Loco battery charging</p> <p>National / company codes: Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code</p> <p>CZ01 Stops from new stop opening day</p> <p>UK55 Stop shorter than 1/2 min</p> <p>IT72 Train report stop cancelled</p> |
| source | <pre><xs:element name="TrainActivityType"> <xs:annotation> <xs:documentation>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99. 0001 Commercial stop RU Board/disembark passenger train, load/unload freight train 0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver) 0007 Stops for locomotive to run round trainRU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train) 0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load 0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change engineRU 0013 attach coach/wagon RU 0014 detach coach/wagon RU 0015 attach and detach coach/wagon RU 0016 attach train Operational Train (in service) 0017 split train Operational Train (in service) 0018 Parking of vehicle RU e.g. need to park the train/composition</pre> |

| | |
|--|--|
| | midway for several hours 0019 Mail/parcel services RU 0020 shunting RU actual activity of shunting 0021 shunting service RU Request for shunting service (if offered by the IM or a third party) 0022 Terminal service (terminal in the meaning of final destination) RU Request for services at the end of a train run (if offered by the IM or a third party) 0023 Loco driver change RU 0024 Loco driver break RU legal issue, e.g. to respect working law 0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed 0026 Custom and passport facilities RU 0027 Other stop reason (miscellaneous) RU/IM 0028 Boarding only RU 0029 Disembarking only RU 0030 Stop on request RU 0031 Departure equals to arrival time RU If in some stations only arrival times are published, this activity code may be used to indicate that the train cannot continue before the published arrival time in case of an early arrival. 0032 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked 0033 No waiting for connection RU 0034 Watering RU Indicates the IM that a track with water access will be needed. 0035 Heating Indicates the IM that a track with heating equipment will be needed. 0036 Cleaning / disinfecting RU 0037 Treatment on plants and live animals RU Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps 0038 Treatment of perishable goods RU Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off 0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections 0040 Run Through (Passing Time) IM 0041 Photo run-by / Photo-stop 0042 Train Waiting Waiting according to local rules 0043 Train running with another train RU Where trains have been attached at a previous location on the schedule 0044 Dependency between trains (rolling stock). The same wagon/train/trainset is used for the next train service. RU 0045 Dependency between trains (rolling stock). The same wagon/train/trainset is reused from the previous train service. RU 0046 Dependency between trains (passengers/goods). Passengers/goods change from this train to another. RU 0047 Dependency between trains (passengers/goods). Passengers/goods change from another train to this train. RU 0048 Linkage of OTNs belonging to the same transport if no TrainID is present 0049 Loco battery charging National / company codes: Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code CZ01 Stops from new stop opening day UK55 Stop shorter than 1/2 min |
|--|--|

| | |
|--|---|
| | <pre>IT72 Train report stop cancelled </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **TrainAtLocation**

| | |
|------------|---|
| diagram | <pre> classDiagram class TrainAtLocation { <<Specifies information about a train at a specific location>> } class TrainLocationStatus { <<Identifies the status of a train related to the actual time at a reporting point>> } class OperationalTrainNumberIdentifier { <<+>> } class ReferenceOTN { <<+>> } class TrainOperationalIdentification { <<+>> } class BookedLocationDateTime { <<Scheduled Date and Time of a train at a specified location as defined in the path contract>> } class ReferencedLocationDateTime { <<Reference to original planned Date and Time agreed by all involved IMs and RUs.>> } class LocationDateTime { <<Identifies the actual or forecasted Date / Time at a specific reporting point>> } class TrainDelay { <<+>> } TrainAtLocation "2" -- "1" TrainLocationStatus TrainAtLocation "2" -- "1" OperationalTrainNumberIdentifier TrainAtLocation "2" -- "1" ReferenceOTN TrainAtLocation "2" -- "1" TrainOperationalIdentification TrainAtLocation "2" -- "1" BookedLocationDateTime TrainAtLocation "2" -- "1" ReferencedLocationDateTime TrainAtLocation "2" -- "1" LocationDateTime TrainAtLocation "2" -- "1" TrainDelay </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TrainLocationStatus OperationalTrainNumberIdentifier ReferenceOTN TrainOperationalIdentification BookedLocationDateTime ReferencedLocationDateTime LocationDateTime TrainDelay |
| used by | element TrainForecastAtReportingLocationMessage |
| annotation | documentation Specifies information about a train at a specific location |
| source | <pre><xs:element name="TrainAtLocation"> <xs:annotation> <xs:documentation>Specifies information about a train at a specific</pre> |

| | |
|--|--|
| | <pre> location</xs:documentation> </xs:annotation> <xss:complexType> <xss:sequence> <xss:element ref="TrainLocationStatus"/> <xss:element ref="OperationalTrainNumberIdentifier"/> <xss:element ref="ReferenceOTN" minOccurs="0"/> <xss:element ref="TrainOperationalIdentification" minOccurs="0"/> <xss:element ref="BookedLocationDateTime"/> <xss:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xss:element ref="LocationDateTime"/> <xss:element ref="TrainDelay"/> </xss:sequence> </xss:complexType> </xs:element> </pre> |
|--|--|

element **TrainCC_System**

| diagram |  <p>Identifies the command control system of the train in coded values.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | TrainCC_SystemCode | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| used by | elements PlannedTrainTechnicalData TrainRunningTechData | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>01</td><td></td></tr> <tr><td>enumeration</td><td>02</td><td></td></tr> <tr><td>enumeration</td><td>03</td><td></td></tr> <tr><td>enumeration</td><td>04</td><td></td></tr> <tr><td>enumeration</td><td>05</td><td></td></tr> <tr><td>enumeration</td><td>06</td><td></td></tr> <tr><td>enumeration</td><td>07</td><td></td></tr> <tr><td>enumeration</td><td>08</td><td></td></tr> <tr><td>enumeration</td><td>09</td><td></td></tr> <tr><td>enumeration</td><td>10</td><td></td></tr> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>12</td><td></td></tr> <tr><td>enumeration</td><td>13</td><td></td></tr> <tr><td>enumeration</td><td>14</td><td></td></tr> <tr><td>enumeration</td><td>15</td><td></td></tr> <tr><td>enumeration</td><td>16</td><td></td></tr> <tr><td>enumeration</td><td>17</td><td></td></tr> <tr><td>enumeration</td><td>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 01 | | enumeration | 02 | | enumeration | 03 | | enumeration | 04 | | enumeration | 05 | | enumeration | 06 | | enumeration | 07 | | enumeration | 08 | | enumeration | 09 | | enumeration | 10 | | enumeration | 11 | | enumeration | 12 | | enumeration | 13 | | enumeration | 14 | | enumeration | 15 | | enumeration | 16 | | enumeration | 17 | | enumeration | 18 | | enumeration | 19 | | enumeration | 20 | | enumeration | 21 | | enumeration | 22 | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| annotation | documentation Identifies the command control system of the train in coded values. |
| source | <pre><xs:element name="TrainCC_System" type="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Identifies the command control system of the train in coded values.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **TrainCompositionJourneySection**

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainCompositionJourneySection { <<Defines the make up of a train for each section of its journey>> } class JourneySection { <<Defines the data provided by the IM for a journey section>> } class TrainRunningData { <<Train relevant data for a running train>> } class LocIdent { <<Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train>> <<0..infinity>> } class LivestockOrPeopleIndicator { <<Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info-Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'>> } class WagonData { <<Wagon relevant data for the wagons within a running train>> <<0..infinity>> } TrainCompositionJourneySection "2" -- "1" JourneySection TrainCompositionJourneySection "2" -- "1" TrainRunningData TrainCompositionJourneySection "2" -- "1..>" LocIdent TrainCompositionJourneySection "2" -- "1..>" LivestockOrPeopleIndicator TrainCompositionJourneySection "2" -- "1..>" WagonData </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | JourneySection TrainRunningData LocIdent LivestockOrPeopleIndicator WagonData |
| used by | element TrainCompositionMessage |
| annotation | documentation Defines the make up of a train for each section of its journey |
| source | <pre> <xsd:element name="TrainCompositionJourneySection"> <xsd:annotation> <xsd:documentation>Defines the make up of a train for each section of its journey</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="JourneySection"/> <xsd:element ref="TrainRunningData"/> <xsd:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xsd:annotation> <xsd:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="TractionType"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

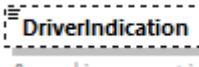
```
<xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/>
<xs:element ref="LocoTypeNumber" minOccurs="0"/>
<xs:element ref="LocoNumber" minOccurs="0"/>
<xs:element ref="TractionMode" minOccurs="0"/>
<xs:element ref="RegenerativeBrake" minOccurs="0"/>
<xs:element name="DriverIndication" minOccurs="0">
    <xs:annotation>
        <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="TractionPositionInTrain" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="LivestockOrPeopleIndicator" minOccurs="0" maxOccurs="1"/>
<xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **TrainCompositionJourneySection/Locoldent**

| | |
|-----------|---|
| diagram | <p>Locoldent $0..∞$</p> <p>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | minOcc 0 maxOcc unbounded content complex |
| children | TractionType TypeOfUsedHybridPowerunit LocoTypeNumber LocoNumber TractionMode RegenerativeBrake DriverIndication TractionPositionInTrain |
| annotation | documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train |
| source | <pre><xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TractionType"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/> <xs:element ref="LocoTypeNumber" minOccurs="0"/> <xs:element ref="LocoNumber" minOccurs="0"/> <xs:element ref="TractionMode" minOccurs="0"/> <xs:element ref="RegenerativeBrake" minOccurs="0"/> <xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TractionPositionInTrain" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **TrainCompositionJourneySection/Locoident/DriverIndication**

| | |
|------------|--|
| diagram |  <p>0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation enumeration 0 enumeration 1 |
| annotation | documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco |

| | |
|--------|--|
| source | <pre><xs:element name="DriverIndication" minOccurs="0"> <xs:annotation> <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are present in Loco</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|--|

element **TrainCompositionMessage**

| | |
|------------|---|
| diagram | <p>The diagram illustrates the structure of the TrainCompositionMessage element. It consists of the following components:</p> <ul style="list-style-type: none"> TrainCompositionMessage: The main message type, represented by a rectangle with a connector. MessageHeader: A component associated with the message, indicated by a dashed line with a plus sign (+). MessageStatus: A component associated with the message, indicated by a dashed line with a plus sign (+). Description: Used for all messages. TransportOperationalIdentifiers: A component associated with the message, indicated by a dashed line with a plus sign (+). Description: Assigned by the Sender 1=creation, 2=modification, 3=deletion. OperationalTrainNumberIdentifier: A component associated with the message, indicated by a dashed line with a plus sign (+). ReferenceOTN: A component associated with the message, indicated by a dashed line with a plus sign (+). TransferPoint: A component associated with the message, indicated by a dashed line with a plus sign (+). Description: Transfer point or station of destination in the considered network. TransfereeIM: A component associated with the message, indicated by a dashed line with a plus sign (+). Description: Next IM. TrainCompositionJourneySection: A component associated with the message, indicated by a dashed line with a plus sign (+). Description: Defines the make up of a train for each section of its journey. Multiplicity: 1..99. <p>A note next to the TrainCompositionMessage connector states: "This message is sent from an RU to an IM defining the composition of the proposed train."</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereeIM TrainCompositionJourneySection |
| annotation | <p>documentation</p> <p>This message is sent from an RU to an IM defining the composition of the proposed train.</p> |
| source | <pre><xs:element name="TrainCompositionMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM defining the composition of the proposed train.</xs:documentation> </xs:annotation></pre> |

| | |
|--|--|
| | <pre> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainCompositionJourneySection" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **TrainContactDetails**

| diagram |  <p>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | CommunicationRefID | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element TrainReadyMessage | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 70 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 70 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</p> | | | | | | | | | |
| source | <pre> <xs:element name="TrainContactDetails" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **TrainDelay**

| | |
|------------|--|
| diagram |  <p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p> <p>AgainstBooked Identifies the Delta delay time against the booked schedule in minutes</p> <p>AgainstReferenced Delay compared to the referenced Date/Time</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | AgainstBooked AgainstReferenced |
| used by | elements TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus |
| annotation | documentation Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time |
| source | <pre><xs:element name="TrainDelay"> <xs:annotation> <xs:documentation>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="AgainstBooked" minOccurs="0"/> <xs:element ref="AgainstReferenced" minOccurs="0"> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **TrainDelayCauseMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainDelayCauseMessage { <<This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed>> } class MessageHeader class MessageStatus class TrainOperationalIdentification class OperationalTrainNumberIdentifier class ReferenceOTN class ResponsibleRU { <<RU Responsible for the physical operation of the train or wagon>> } class DelayEventReport { <<Provides the detailed information about a single delay event (Replaced DelayReasonReport)>> } class TransferPoint { <<Transfer point or station of destination in the considered network>> } class TransfereeIM { <<Next IM>> } TrainDelayCauseMessage < --> MessageHeader TrainDelayCauseMessage < --> MessageStatus TrainDelayCauseMessage < --> TrainOperationalIdentification TrainDelayCauseMessage < --> OperationalTrainNumberIdentifier TrainDelayCauseMessage < --> ReferenceOTN TrainDelayCauseMessage < --> ResponsibleRU TrainDelayCauseMessage < --> DelayEventReport TrainDelayCauseMessage < --> TransferPoint TrainDelayCauseMessage < --> TransfereeIM </pre> <p>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventReport TransferPoint TransfereeIM |
| annotation | <p>documentation</p> <p>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed</p> |
| source | <pre> <xss:element name="TrainDelayCauseMessage"> <xss:annotation> <xss:documentation>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed </xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="MessageHeader"/> <xss:element ref="MessageStatus"/> <xss:element ref="TrainOperationalIdentification" minOccurs="0"/> <xss:element ref="OperationalTrainNumberIdentifier"/> <xss:element ref="ReferenceOTN" minOccurs="0"/> <xss:element ref="ResponsibleRU" minOccurs="0"/> <xss:element ref="DelayEventReport"/> </xss:sequence> </xss:complexType> </xss:element> </pre> |

| | |
|--|--|
| | <pre> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **TrainForecastAtReportingLocationMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainForecastAtReportingLocatio... { <<This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location.>> } class MessageHeader { <<Used for all messages>> } class MessageStatus { <<Assigned by the Sender 1=creation, 2=modification, 3=deletion>> } class Location { <<Identifies a Location using a LocationIdent>> } class TrainAtLocation { <<Specifies information about a train at a specific location>> } TrainForecastAtReportingLocatio... < -- MessageHeader TrainForecastAtReportingLocatio... < -- MessageStatus TrainForecastAtReportingLocatio... < -- Location TrainForecastAtReportingLocatio... < -- TrainAtLocation </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus Location TrainAtLocation |
| annotation | <p>documentation</p> <p>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location.</p> |
| source | <pre> <xs:element name="TrainForecastAtReportingLocationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="Location"/> <xs:element ref="TrainAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element TrainID

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainID class CompositIdentifierOperationalType { class ObjectType { Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP) } class Company { Identifies a railway company (RU or IM) } class Core { It is the main part of identifier and is determined by the company that creates it. } class Variant { The variant shows a relationship between two identifiers referring to the same business case } class TimetableYear { Refers to the timetable period in which the business will be carried out } class StartDate { Is only used in the operational phase and refers to the date where the single train will start the train journey } } TrainID --> CompositIdentifierOperationalType </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompositIdentifierOperationalType |
| properties | content complex |
| children | ObjectType Company Core Variant TimetableYear StartDate |
| used by | elements ArrivalInterchangeReport DepartureInterchangeReport |
| source | <code><xsd:element name="TrainID" type="CompositIdentifierOperationalType"/></code> |

element **TrainInformation**

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainInformation { <<Train information provided by the RUs as an overview for the entire train journey from origin to destination>> } class PlannedJourneyLocation { <<Any operation point along a train journey>> } class PlannedCalendar { <<This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element, one of them has to be always present. Applications have to provide the data accordingly.>> } class PathPlanningReferenceLocation { <<It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.>> } TrainInformation "2..∞" --> PlannedJourneyLocation TrainInformation "2..∞" --> PlannedCalendar TrainInformation "2..∞" --> PathPlanningReferenceLocation </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | PlannedJourneyLocation PlannedCalendar PathPlanningReferenceLocation |
| used by | element PathRequestMessage |
| annotation | documentation Train information provided by the RUs as an overview for the entire train journey from origin to destination |
| source | <pre> <xsd:element name="TrainInformation"> <xsd:annotation> <xsd:documentation>Train information provided by the RUs as an overview for the entire train journey from origin to destination</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"> <xsd:annotation> <xsd:documentation>Any operation point along a train journey</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element ref="PlannedCalendar"> <xsd:annotation> <xsd:documentation>This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element. one of them has to be always present. Applications have to provide the data accordingly.</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element name="PathPlanningReferenceLocation"> <xsd:annotation> <xsd:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

| | |
|--|---|
| | <p>referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</p> <pre></xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element TrainInformation/PathPlanningReferenceLocation

| | |
|------------|---|
| diagram | <pre> classDiagram class PathPlanningReferenceLocation { <<It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.>> } class LocationIdent { <<Extension>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode class PrimaryLocationName { <<Location Name in an officiation language of the Country using the ISO Unicode alphabet>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } PathPlanningReferenceLocation < -- LocationIdent PathPlanningReferenceLocation --> CountryCodeISO PathPlanningReferenceLocation --> LocationPrimaryCode PathPlanningReferenceLocation --> PrimaryLocationName PathPlanningReferenceLocation --> LocationSubsidiaryIdentification </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation</p> <p>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</p> |
| source | <pre> <xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element> </pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element TrainJourneyModification

| | |
|------------|---|
| diagram | <p>This element shows which locations are changed during the running of a train</p> <p>TrainJourneyModificationIndicator This indicates what has changed in the train running e.g. rerouting, cancellation etc..</p> <p>LocationModified This element shows the Location that has been changed for the train run</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TrainJourneyModificationIndicator LocationModified |
| used by | element TrainJourneyModificationMessage |
| annotation | <p>documentation</p> <p>This element shows which locations are changed during the running of a train</p> |
| source | <pre><xs:element name="TrainJourneyModification"> <xs:annotation> <xs:documentation>This element shows which locations are changed during the running of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainJourneyModificationIndicator"/> <xs:element ref="LocationModified" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element TrainJourneyModificationIndicator

| diagram | <p>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</p> | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element TrainJourneyModification | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | <p>documentation</p> <p>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</p> | | | | | | | | | |
| source | <pre><xs:element name="TrainJourneyModificationIndicator"> <xs:annotation></pre> | | | | | | | | | |

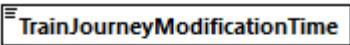
| | |
|--|---|
| | <p><xs:documentation>This indicates what has changed in the train running e.g. rerouting, cancellation etc...</xs:documentation></p> <pre></xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **TrainJourneyModificationMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainJourneyModificationMessage { <<This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed>> } class MessageHeader class MessageStatus class TrainOperationalIdentification class OperationalTrainNumberIdentifier class ReferenceOTN class TrainJourneyModification { <<This element shows which locations are changed during the running of a train>> <<1..>> } class ModificationReason class TrainJourneyModificationTime class Remarks { <<0..>> <<Free Form Text>> } class TransferPoint class InternalReferenceIdentifier class TransfereeIM { <<Next IM>> } TrainJourneyModificationMessage < -- TrainJourneyModification TrainJourneyModificationMessage --> MessageHeader TrainJourneyModificationMessage --> MessageStatus TrainJourneyModificationMessage --> TrainOperationalIdentification TrainJourneyModificationMessage --> OperationalTrainNumberIdentifier TrainJourneyModificationMessage --> ReferenceOTN TrainJourneyModificationMessage --> TrainJourneyModification TrainJourneyModificationMessage --> ModificationReason TrainJourneyModificationMessage --> TrainJourneyModificationTime TrainJourneyModificationMessage --> Remarks TrainJourneyModificationMessage --> TransferPoint TrainJourneyModificationMessage --> InternalReferenceIdentifier TrainJourneyModificationMessage --> TransfereeIM </pre> <p>The diagram illustrates the structure of the TrainJourneyModificationMessage element. It is a complex type with the following components:</p> <ul style="list-style-type: none"> MessageHeader: Used for all messages. MessageStatus: Assigned by the Sender (1=Creation, 2=Modification, 3=deletion). TrainOperationalIdentification: A reference to the train's operational identification. OperationalTrainNumberIdentifier: A reference to the operational train number identifier. ReferenceOTN: A reference to the train's reference OTN. TrainJourneyModification: A sequence of modifications (1..∞). This element shows which locations are changed during the running of a train. ModificationReason: Identifies the reason for the train journey being modified. TrainJourneyModificationTime: Indicates the time when the modification was made to the train journey. Remarks: Free form text (0..∞). TransferPoint: Transfer point or station of destination in the considered network where the Reference Train Numbers refers to. InternalReferenceIdentifier: The link to the IM System Reference. TransfereeIM: Next IM. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks TransferPoint InternalReferenceIdentifier TransfereeIM |
| annotation | documentation This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed |
| source | <code><xs:element name="TrainJourneyModificationMessage"></code> |

| | |
|--|--|
| | <pre> <xs:annotation> <xs:documentation> This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/> <xs:element ref="ModificationReason" minOccurs="0"/> <xs:element ref="TrainJourneyModificationTime" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element TrainJourneyModificationTime

| | |
|------------|--|
| diagram |  <p>Indicates the time time when the modification was made to the train journey</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element TrainJourneyModificationMessage |
| annotation | documentation Indicates the time time when the modification was made to the train journey |
| source | <pre> <xs:element name="TrainJourneyModificationTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Indicates the time time when the modification was made to the train journey</xs:documentation> </xs:annotation> </xs:element> </pre> |

element **TrainJourneyStartTime**

| | |
|------------|--|
| diagram |  TrainJourneyStartTime The precise time at which the train should present itself on the network |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation The precise time at which the train should present itself on the network |
| source | <pre><xs:element name="TrainJourneyStartTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>The precise time at which the train should present itself on the network</xs:documentation> </xs:annotation> </xs:element></pre> |

element **TrainLength**

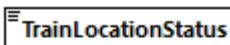
| | |
|------------|---|
| diagram |  TrainLength The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>Numeric4-4</u> |
| properties | content simple |
| used by | elements <u>PlannedTrainTechnicalData</u> <u>TrainRunningTechData</u> |
| facets | Kind Value Annotation minInclusive 0001 maxInclusive 9999 |
| annotation | documentation The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres |
| source | <pre><xs:element name="TrainLength" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</xs:documentation> </xs:annotation> </xs:element></pre> |

element **TrainLocationReport**

| | |
|------------|---|
| diagram | <pre> classDiagram class TrainLocationReport { <<Specifies the relevant running data of a train related to a specific location>> } class Location { <<Identifies a Location using a LocationIdent>> } class LocationDateTime { <<Identifies the actual or forecasted Date / Time at a specific reporting point>> } class TrainLocationStatus { <<Identifies the status of a train related to the actual time at a reporting point>> } class BookedLocationDateTime { <<Scheduled Date and Time of a train at a specified location as defined in the path contract>> } class ReferencedLocationDateTime { <<Reference to original planned Date and Time agreed by all involved IMs and RUs.>> } class TrainDelay { <<Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time>> } class GeoLocalisationOnNetwork { <<Geolocation information crossed with network data.>> } TrainLocationReport < -- Location TrainLocationReport < -- LocationDateTime TrainLocationReport < -- TrainLocationStatus TrainLocationReport --> BookedLocationDateTime TrainLocationReport --> ReferencedLocationDateTime TrainLocationReport --> TrainDelay TrainLocationReport --> GeoLocalisationOnNetwork </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay GeoLocalisationOnNetwork |
| used by | elements TrainRunningForecastMessage TrainRunningInformationMessage |
| annotation | documentation Specifies the relevant running data of a train related to a specific location |
| source | <pre> <xsd:element name="TrainLocationReport"> <xsd:annotation> <xsd:documentation>Specifies the relevant running data of a train related to a specific location</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="Location"/> <xsd:element ref="LocationDateTime"/> <xsd:element ref="TrainLocationStatus"/> <xsd:element ref="BookedLocationDateTime" minOccurs="0"> <xsd:annotation> <xsd:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

| | |
|--|---|
| | <pre> </xs:element> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element **TrainLocationStatus**

| diagram |  <p>Identifies the status of a train related to the actual time at a reporting point</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|---|-------|------------|-------------|----|--------------------------------|-------------|----|---|-------------|----|--------------------------------------|-------------|----|---------------------------------------|-------------|----|---|-------------|----|-------------------------------|-------------|----|---|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|---|-------------|----|---|-------------|----|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | RunningStatus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| used by | elements ChangeofTrackMessage DelayEventReport LocationModified TrainAtLocation TrainLocationReport | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation Not specified</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Arrival at destination</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation Departure at origin</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Intermediate arrival</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation Intermediate departure</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation Pass through</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)</td> </tr> <tr> <td>enumeration</td> <td>07</td> <td></td> </tr> <tr> <td>enumeration</td> <td>08</td> <td></td> </tr> <tr> <td>enumeration</td> <td>09</td> <td></td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Not specified for wagon</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Wagon arrival at its destination by train</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Wagon departure from its station of origin by train</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wagon arrival at reporting point by train</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation Wagon departure from reporting point by train</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation Wagon run-through at reporting point by train</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation Wagon parked at reporting point</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation Wagon shunted at reporting point</td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation Wagon arrived at reporting point</td> </tr> <tr> <td>enumeration</td> <td>19</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 00 | documentation Not specified | enumeration | 01 | documentation Arrival at destination | enumeration | 02 | documentation Departure at origin | enumeration | 03 | documentation Intermediate arrival | enumeration | 04 | documentation Intermediate departure | enumeration | 05 | documentation Pass through | enumeration | 06 | documentation NEW CODES: Some IMs are transmitting these codes (6 - 9) | enumeration | 07 | | enumeration | 08 | | enumeration | 09 | | enumeration | 10 | documentation Not specified for wagon | enumeration | 11 | documentation Wagon arrival at its destination by train | enumeration | 12 | documentation Wagon departure from its station of origin by train | enumeration | 13 | documentation Wagon arrival at reporting point by train | enumeration | 14 | documentation Wagon departure from reporting point by train | enumeration | 15 | documentation Wagon run-through at reporting point by train | enumeration | 16 | documentation Wagon parked at reporting point | enumeration | 17 | documentation Wagon shunted at reporting point | enumeration | 18 | documentation Wagon arrived at reporting point | enumeration | 19 | documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 00 | documentation Not specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation Arrival at destination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation Departure at origin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation Intermediate arrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation Intermediate departure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 05 | documentation Pass through | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 06 | documentation NEW CODES: Some IMs are transmitting these codes (6 - 9) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation Not specified for wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation Wagon arrival at its destination by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | documentation Wagon departure from its station of origin by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation Wagon arrival at reporting point by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | documentation Wagon departure from reporting point by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | documentation Wagon run-through at reporting point by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | documentation Wagon parked at reporting point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 17 | documentation Wagon shunted at reporting point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 18 | documentation Wagon arrived at reporting point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 19 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|------------|---|
| | Wagon departure from reporting point |
| annotation | documentation Identifies the status of a train related to the actual time at a reporting point |
| source | <xs:element name="TrainLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element> |

element TrainMaxSpeed

| | |
|------------|---|
| diagram |  TrainMaxSpeed The max. possible speed of a train in km/h |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Speed |
| properties | content simple |
| used by | elements PlannedTrainTechnicalData TrainRunningTechData |
| facets | Kind Value Annotation minInclusive 001 maxInclusive 999 |
| annotation | documentation The max. possible speed of a train in km/h |
| source | <xs:element name="TrainMaxSpeed" type="Speed"> <xs:annotation> <xs:documentation>The max. possible speed of a train in km/h</xs:documentation> </xs:annotation> </xs:element> |

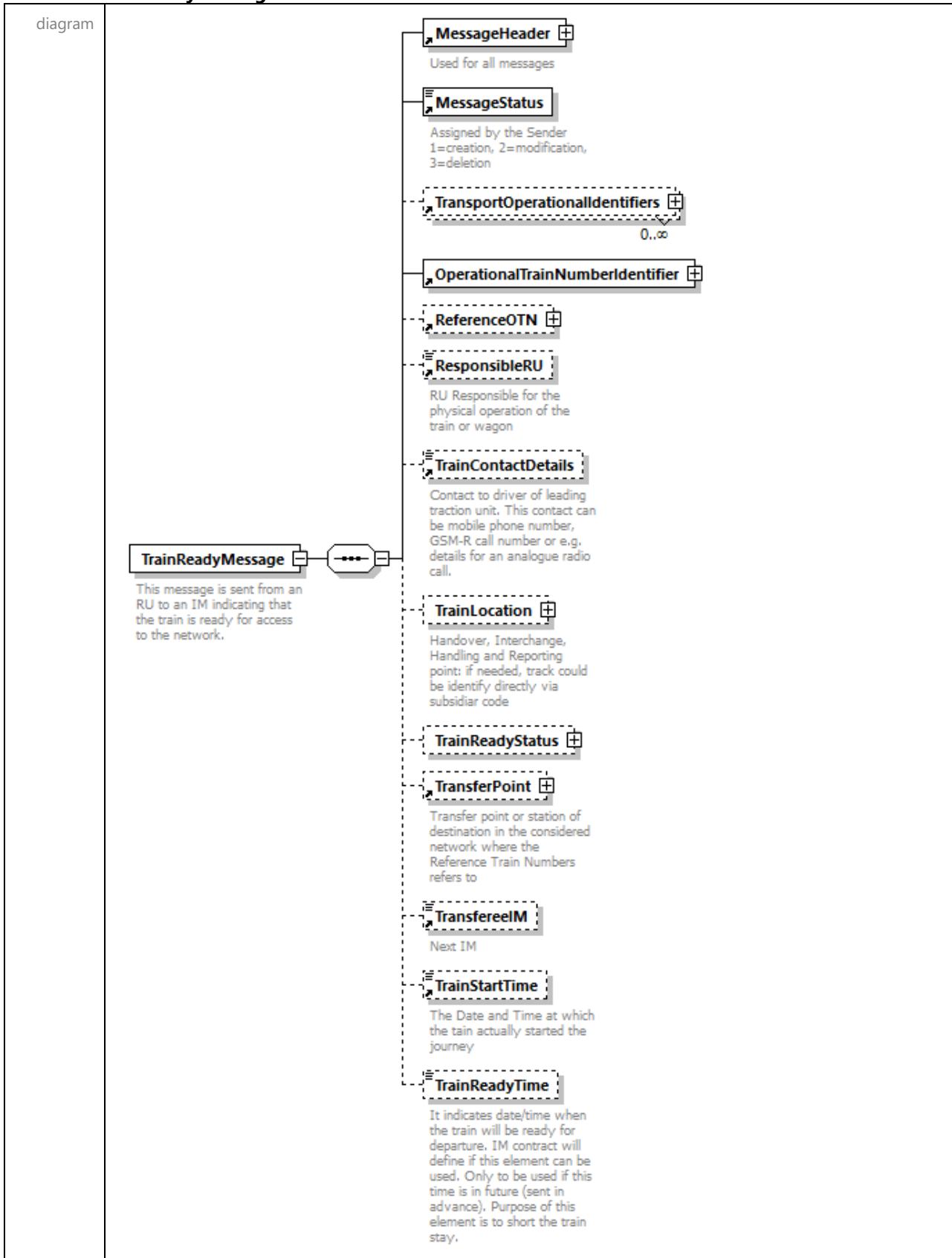
element TrainNotAtInterruptionPoint

| | |
|------------|--|
| diagram |  TrainNotAtInterruptionPoint It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 1 |
| annotation | documentation It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet |
| source | <xs:element name="TrainNotAtInterruptionPoint"> |

| | |
|--|---|
| | <pre> <xs:annotation> <xs:documentation>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **TrainOperationalIdentification**

| | |
|------------|--|
| diagram | <p>according to the new identifier structure, ObjectType has to be used to differ between train and path id</p> <p>according to the new identifier structure, ObjectType has to be used to differ between train and path id</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TransportOperationalIdentifiers RelatedTransportOperationalIdentifiers |
| used by | elements ChangeofTrackMessage WagonStatusMessages/WagonStatusMessage Train TrainAtLocation TrainDelayCauseMessage TrainJourneyModificationMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage |
| source | <pre> <xs:element name="TrainOperationalIdentification"> <xs:complexType> <xs:sequence> <xs:element ref="TransportOperationalIdentifiers" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="RelatedTransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>according to the new identifier structure, ObjectType has to be used to differ between train and path id</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **TrainReadyMessage**

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime |
| annotation | documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network. |
| source | <pre> <xs:element name="TrainReadyMessage"> <xs:annotation> <xs:documentation>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TransportOperationalIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainContactDetails" minOccurs="0"/> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TransferPoint" minOccurs="0"> </pre> |

| | |
|--|---|
| | <pre> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TransfereeIM" minOccurs="0"/> <xs:element ref="TrainStartTime" minOccurs="0"/> <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

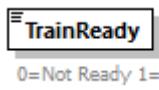
element **TrainReadyMessage/TrainLocation**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | minOcc 0 maxOcc 1 content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code |
| source | <pre> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code </xs:documentation> </xs:annotation> </xs:element> </pre> |

element TrainReadyMessage/TrainReadyStatus

| | |
|------------|---|
| diagram | <pre> classDiagram class TrainReadyStatus { TrainReady TrainDelay TrainNotReadyDescription DelayCause } </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | TrainReady TrainDelay TrainNotReadyDescription DelayCause |
| source | <pre> <xs:element name="TrainReadyStatus" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

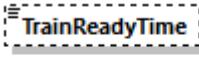
element **TrainReadyMessage/TrainReadyStatus/TrainReady**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| facets | Kind Value Annotation enumeration 0 enumeration 1 |
| annotation | documentation 0=Not Ready 1=Ready |
| source | <pre><xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

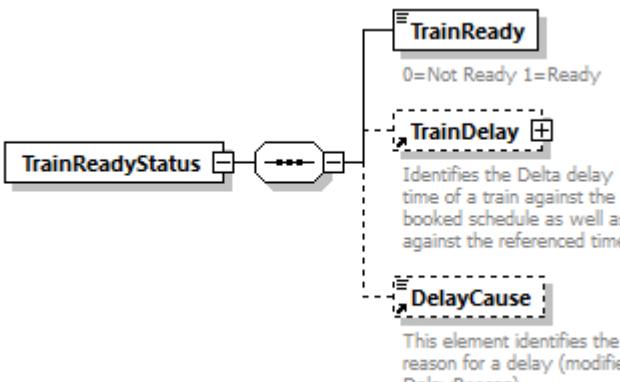
element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation Description of the reason why the train is not ready. |
| source | <pre><xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **TrainReadyMessage/TrainReadyTime**

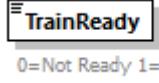
| | |
|------------|--|
| diagram |  |
| | <p>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | <p>documentation</p> <p>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.</p> |
| source | <pre><xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element></pre> |

element **TrainReadyStatus**

| | |
|------------|--|
| diagram |  |
| | <p>0=Not Ready 1=Ready</p> <p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p> <p>This element identifies the reason for a delay (modified DelayReason)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TrainReady TrainDelay DelayCause |
| source | <pre><xs:element name="TrainReadyStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|---|
| | <pre> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="TrainDelay" minOccurs="0"/> <xs:element ref="DelayCause" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **TrainReadyStatus/TrainReady**

| diagram |  | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|---|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | | enumeration | 1 | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 0 | | | | | | | | | |
| enumeration | 1 | | | | | | | | | |
| annotation | documentation 0=Not Ready 1=Ready | | | | | | | | | |
| source | <pre> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **TrainRunningData**

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainRunningTechData { Shows the relevant technical data for a running train } class TrainRunningData { Train relevant data for a running train } class ExceptionalGaugingInd { Indicates that an exceptional gauging is in the train or for the wagon - (true/false) } class DangerousGoodsIndicator { Indicates whether Dangerous Goods are allowed (Yes/No Indicator). If "0", then no dangerous goods are allowed. If "1", then the restricted goods are described in DangerousGoodsIndication } class Activities { 0..99 } class Notes { 0..∞ Remarks to be transmitted to IM } TrainRunningData < -- TrainRunningTechData TrainRunningData --> ExceptionalGaugingInd TrainRunningData --> DangerousGoodsIndicator TrainRunningData --> Activities TrainRunningData --> Notes </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities Notes |
| used by | element TrainCompositionJourneySection |
| annotation | documentation Train relevant data for a running train |
| source | <pre> <xs:element name="TrainRunningData"> <xs:annotation> <xs:documentation>Train relevant data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainRunningTechData"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/> <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Notes" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **TrainRunningData/Activities**

| | |
|------------|--|
| diagram | <pre> classDiagram class Activities { <<0..99>> } class TrainActivity class ActivityLocationIdent Activities "0..99" --> TrainActivity Activities --> ActivityLocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 99 content complex |
| children | TrainActivity ActivityLocationIdent |
| source | <pre> <xs:element name="Activities" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="TrainActivity"/> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **TrainRunningData/Activities/ActivityLocationIdent**

| | |
|------------|---|
| diagram | <pre> classDiagram class ActivityLocationIdent class LocationIdent { <<CountryCodeISO>> <<LocationPrimaryCode>> <<PrimaryLocationName>> <<LocationSubsidiaryIdentification>> } ActivityLocationIdent --> LocationIdent </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| source | <pre> <xs:element name="ActivityLocationIdent" type="LocationIdent"/> </pre> |

element **TrainRunningForecastMessage**

| | |
|------------|--|
| diagram | <pre> classDiagram class TrainRunningForecastMessage { <<This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract>> } class MessageHeader class MessageStatus class TrainOperationalIdentification class OperationalTrainNumberIdentifier class ReferenceOTN class ResponsibleRU class TrainLocationReport { <<Specifies the relevant running data of a train related to a specific location>> <<1..>> } class TransferPoint class TransfereeIM { <<Next IM>> } TrainRunningForecastMessage < -- MessageHeader TrainRunningForecastMessage < -- MessageStatus TrainRunningForecastMessage --> TrainOperationalIdentification TrainRunningForecastMessage --> OperationalTrainNumberIdentifier TrainRunningForecastMessage --> ReferenceOTN TrainRunningForecastMessage --> ResponsibleRU TrainRunningForecastMessage --> TrainLocationReport TrainRunningForecastMessage --> TransferPoint TrainRunningForecastMessage --> TransfereeIM </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM |
| annotation | <p>documentation</p> <p>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p> |
| source | <pre> <xss:element name="TrainRunningForecastMessage"> <xss:annotation> <xss:documentation>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract </xss:documentation> </xss:annotation> </pre> |

| | |
|--|---|
| | <p>for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p> <pre></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

element TrainRunningInformationMessage

| | |
|------------|---|
| diagram | <pre> classDiagram class TrainRunningInformationMessage { <<This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.>> } class MessageHeader class MessageStatus class TrainOperationalIdentification class OperationalTrainNumberIdentifier class ReferenceOTN class ResponsibleRU class TrainLocationReport class TransferPoint class TransfereeIM TrainRunningInformationMessage < -- MessageHeader TrainRunningInformationMessage < -- MessageStatus TrainRunningInformationMessage --> TrainOperationalIdentification TrainRunningInformationMessage --> OperationalTrainNumberIdentifier TrainRunningInformationMessage --> ReferenceOTN TrainRunningInformationMessage --> ResponsibleRU TrainRunningInformationMessage --> TrainLocationReport TrainRunningInformationMessage --> TransferPoint TrainRunningInformationMessage --> TransfereeIM </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier |

| | <u>ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM</u> |
|------------|--|
| annotation | <p>documentation</p> <p>This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</p> |
| source | <pre><xs:element name="TrainRunningInformationMessage"> <xs:annotation> <xs:documentation>This message is issued upon 1) Arrival, departure or run-through in agreed reporting points and/or 2) Attainment of the agreed initial running time and/or 3) A new divergence between nominal and actual being achieved in excess of the agreed threshold value 4) as a response to the EnquiryTrainsAtReportingLocationMessage. There will only be one train reported per message and will include one response per train at a location.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **TrainRunningInterruptionMessage**

| | |
|------------|--|
| diagram | <p>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint TrainRunningInterruptionStatus TransferPoint TransfereeIM |
| annotation | <p>documentation</p> <p>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption.</p> |
| source | <pre><xs:element name="TrainRunningInterruptionMessage"> <xs:annotation> <xs:documentation>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/></pre> |

```
<xs:element ref="InterruptionPoint"/>
<xs:element ref="TrainRunningInterruptionStatus" minOccurs="0"/>
<xs:element ref="TransferPoint" minOccurs="0"/>
<xs:element ref="TransfereeIM" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **TrainRunningTechData**

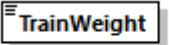
| | |
|-----------|---|
| diagram | <pre> classDiagram class TrainRunningTechData { TrainType TrainWeight TrainLength TrainCC_System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType BrakingRatio BrakeWeight NumberOfVehicles NumberOfAxes } TrainRunningTechData "0..9" --> TrainType TrainRunningTechData "0..9" --> TrainWeight TrainRunningTechData "0..9" --> TrainLength TrainRunningTechData "0..9" --> TrainCC_System TrainRunningTechData "0..9" --> TrainRadioSystem TrainRunningTechData "0..9" --> TrainMaxSpeed TrainRunningTechData "0..9" --> MaxAxleWeight TrainRunningTechData "0..9" --> BrakeType TrainRunningTechData "0..9" --> BrakingRatio TrainRunningTechData "0..9" --> BrakeWeight TrainRunningTechData "0..9" --> NumberOfVehicles TrainRunningTechData "0..9" --> NumberOfAxes </pre> <p>Shows the relevant technical data for a running train</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | TrainType TrainWeight TrainLength TrainCC System TrainRadioSystem TrainMaxSpeed MaxAxleWeight BrakeType BrakingRatio BrakeWeight NumberOfVehicles NumberOfAxles |
| used by | element TrainRunningData |
| annotation | documentation Shows the relevant technical data for a running train |
| source | <pre><xs:element name="TrainRunningTechData"> <xss:annotation> <xss:documentation>Shows the relevant technical data for a running train</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="TrainType"/> <xss:element ref="TrainWeight"/> <xss:element ref="TrainLength"/> <xss:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/> <xss:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/> <xss:element ref="TrainMaxSpeed" minOccurs="0"/> <xss:element ref="MaxAxleWeight" minOccurs="0"/> <xss:element ref="BrakeType" minOccurs="0"/> <xss:element ref="BrakingRatio" minOccurs="0"/> <xss:element ref="BrakeWeight" minOccurs="0"/> <xss:element ref="NumberOfVehicles" minOccurs="0"/> <xss:element ref="NumberOfAxles" minOccurs="0"/> </xss:sequence> </xss:complexType> </xs:element></pre> |

element TrainStartTime

| | |
|------------|--|
| diagram | <p>The Date and Time at which the train actually started the journey</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| used by | element TrainReadyMessage |
| annotation | documentation The Date and Time at which the train actually started the journey |
| source | <pre><xs:element name="TrainStartTime" type="xs:dateTime"> <xss:annotation> <xss:documentation>The Date and Time at which the train actually started the journey</xss:documentation> </xss:annotation> </xs:element></pre> |

element **TrainWeight**

| | |
|------------|---|
| diagram |  TrainWeight The sum of all weights of wagons and traction units |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of WeightValueTonne |
| properties | content simple |
| used by | elements PlannedTrainTechnicalData TrainRunningTechData |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99999 |
| annotation | documentation The sum of all weights of wagons and traction units |
| source | <pre><xs:element name="TrainWeight"> <xs:annotation> <xs:documentation>The sum of all weights of wagons and traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WeightValueTonne"> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **TransfereeIM**

| | |
|------------|---|
| diagram |  TransfereeIM Next IM |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |
| properties | content simple |
| used by | elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation Next IM |
| source | <pre><xs:element name="TransfereeIM" type="CompanyCode"> <xs:annotation> <xs:documentation>Next IM</xs:documentation> </xs:annotation> </xs:element></pre> |

element **TransferPoint**

| | |
|------------|--|
| diagram | <pre> classDiagram class TransferPoint { <<Transfer point or station of destination in the considered network>> } class LocationIdent { <<Location Ident>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode { <<Location Primary Code>> } class PrimaryLocationName { <<Location Name in an official language of the Country using the ISO Unicode alphabet>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } TransferPoint "2" -- "1" LocationIdent LocationIdent "1" -- "1" CountryCodeISO LocationIdent "1" -- "1" LocationPrimaryCode LocationIdent "1" -- "1" PrimaryLocationName LocationIdent "1" -- "1" LocationSubsidiaryIdentification </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| used by | elements ChangeofTrackMessage TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage |
| annotation | documentation Transfer point or station of destination in the considered network |
| source | <pre> <xsd:element name="TransferPoint" type="LocationIdent"> <xsd:annotation> <xsd:documentation>Transfer point or station of destination in the considered network</xsd:documentation> </xsd:annotation> </xsd:element> </pre> |

element **TransportInstruction**

| | |
|------------|--|
| diagram | <pre> classDiagram class TransportInstruction { <<Special instructions regarding the transportation of the wagon or shipment in free text>> } class FreeText { <<FreeText>> } TransportInstruction "1" -- "1" FreeText </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | FreeText |
| properties | content simple |
| facets | Kind Value Annotation minLength 1 maxLength 255 |
| annotation | documentation Special instructions regarding the transportation of the wagon or shipment in free text |

| | |
|--------|---|
| source | <pre><xs:element name="TransportInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Special instructions regarding the transportation of the wagon or shipment in free text</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|---|

element **TransportOperationalIdentifiers**

| | |
|------------|---|
| diagram | <pre> classDiagram class TransportOperationalIdentifiers class CompositIdentifierOperationalType { <<extension>> } class ObjectType class Company class Core class Variant class TimetableYear class StartDate TransportOperationalIdentifiers --> CompositIdentifierOperationalType TransportOperationalIdentifiers --> ObjectType TransportOperationalIdentifiers --> Company TransportOperationalIdentifiers --> Core TransportOperationalIdentifiers --> Variant TransportOperationalIdentifiers --> TimetableYear TransportOperationalIdentifiers --> StartDate </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of CompositIdentifierOperationalType |
| properties | content complex |
| children | ObjectType Company Core Variant TimetableYear StartDate |
| used by | elements ErrorMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage |
| source | <pre><xs:element name="TransportOperationalIdentifiers"> <xs:complexType></pre> |

| | |
|--|---|
| | <pre><xs:complexType> <xs:extension base="CompositeIdentifierOperationalType"/> </xs:complexType> </xs:element></pre> |
|--|---|

element **TypeOfIMHarmonization**

| diagram |  <p>Enumeration of Type of IM harmonization: Full, Part</p> | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|------|--|-------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | TypeOfIMHarmonizationCode | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | elements PathDetailsMessage PathRequestMessage | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Full | | enumeration | Part | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | Full | | | | | | | | | |
| enumeration | Part | | | | | | | | | |
| annotation | documentation Enumeration of Type of IM harmonization: Full, Part | | | | | | | | | |
| source | <pre><xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **TypeOfInformation**

| diagram |  <p>Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</p> | | | | | | | | | | | | | | | |
|--------------|--|---|-------|------------|--------------|---|--|--------------|----|--|-------------|---|---|-------------|---|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | TypeOfInformationCode | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| used by | elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation harmonisation - in process</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 99 | | enumeration | 1 | documentation harmonisation - in process | enumeration | 2 | documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation harmonisation - in process | | | | | | | | | | | | | | |
| enumeration | 2 | documentation | | | | | | | | | | | | | | |

| | | |
|--|----------------|---|
| | enumeration 3 | harmonisation - accepted documentation |
| | enumeration 4 | harmonisation - rejected documentation |
| | enumeration 5 | Request ready documentation |
| | enumeration 6 | path study request documentation |
| | enumeration 7 | pre-arranged path/reserve capacity documentation |
| | enumeration 8 | create offer documentation |
| | enumeration 9 | coordination update documentation |
| | enumeration 10 | draft offer documentation |
| | enumeration 11 | observation - in process documentation |
| | enumeration 12 | observation - complete documentation |
| | enumeration 13 | preparation of final offer - in process documentation |
| | enumeration 14 | preparation of final offer - accepted documentation |
| | enumeration 15 | preparation of final offer - rejected documentation |
| | enumeration 16 | final offer documentation |
| | enumeration 17 | final offer - accepted documentation |
| | enumeration 18 | alternative offer accepted documentation |
| | enumeration 19 | pre-accepted offer documentation |
| | enumeration 20 | Final Offer rejected documentation |
| | enumeration 21 | no alternative available documentation |
| | enumeration 22 | booked documentation |
| | enumeration 23 | preparation of draft alternative offer is in progress documentation |
| | enumeration 24 | alternative offer triggered by IM documentation |
| | enumeration 25 | offer/final offer rejected (without revision) documentation |
| | enumeration 26 | alternative offer rejected (without revision) documentation |
| | enumeration 27 | offer/final offer rejected (revision required) documentation |
| | enumeration 28 | alternative offer rejected (revision required) documentation |
| | enumeration 29 | withdrawal documentation |
| | enumeration 30 | Create Dossier documentation |
| | enumeration 31 | Close Dossier documentation |
| | enumeration 32 | Path canceled full documentation |
| | enumeration 33 | Path canceled partial documentation |

| | | |
|------------|--|---|
| | enumeration 40 | documentation Fully Assembled Path (FAP, constructed path) |
| | enumeration 42 | documentation Preparation of draft offer – accepted |
| | enumeration 43 | documentation Preparation of draft offer – rejected |
| | enumeration 44 | documentation Draft offer rejected |
| | enumeration 45 | documentation Draft no alternative available |
| | enumeration 50 | documentation activate path (utilisation notification) |
| | enumeration 51 | documentation deactivate path (utilisation notification) |
| | enumeration 52 | documentation confirmation of utilisation notification |
| | enumeration 53 | documentation Path and train cancelled |
| | enumeration 65 | documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) |
| | enumeration 66 | documentation Booked after route update (used in PathDetailsMessage) |
| annotation | documentation | Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation |
| source | <pre><xs:element name="TypeOfInformation" type="TypeOfInformationCode"> <xs:annotation> <xs:documentation> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</xs:documentation> </xs:annotation> </xs:element></pre> | |

element **TypeOfRequest**

| diagram |  <p>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</p> | | | | | | | | | | | | | | | | | |
|--------------|--|--------------------------|--|------|-------|------------|--------------|---|--|-------------|---|------------------------|-------------|---|--------------------------|-------------|---|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | |
| type | TypeOfRequestCode | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | |
| used by | elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Study</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Request</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> </tbody> </table> | | | Kind | Value | Annotation | minInclusive | 1 | | enumeration | 1 | documentation Study | enumeration | 2 | documentation Request | enumeration | 3 | documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | |
| minInclusive | 1 | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation Study | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation Request | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation | | | | | | | | | | | | | | | | |

| | Modification |
|------------|--|
| annotation | <p>documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</p> |
| source | <pre><xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3) </xs:documentation> </xs:annotation> </xs:element></pre> |

element TypeOfRUHarmonization

| diagram | | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|------|--|-------------|------|--|-------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | TypeOfRUHarmonizationCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | elements PathDetailsMessage PathRequestMessage | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> <tr> <td>enumeration</td> <td>None</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Full | | enumeration | Part | | enumeration | None | |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | Full | | | | | | | | | | | | |
| enumeration | Part | | | | | | | | | | | | |
| enumeration | None | | | | | | | | | | | | |
| annotation | <p>documentation Type of RU harmonization: Full, Part, None.</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element TypeofService

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | SpecialServiceDescriptionCode FacilityTypeDescriptionCode CharacteristicDescriptionCode |

| | |
|------------|---|
| used by | element PlannedTrainData |
| annotation | documentation Information about the services available on a train. Used for publication towards the passenger |
| source | <pre><xs:element name="TypeofService"> <xs:annotation> <xs:documentation>Information about the services available on a train. Used for publication towards the passenger</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **TypeofService/SpecialServiceDescriptionCode**

| diagram |  | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-----------|---|--|-------------|----|---|-------------|---|--|-------------|---|--|-------------|---|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | |
| type | type7161CodeList | | | | | | | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc unbounded content simple | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>00</td> <td> documentation Alternative service documentation The journey planner algorithm should look for an alternative Service </td> </tr> <tr> <td>enumeration</td> <td>3</td> <td> documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars </td> </tr> <tr> <td>enumeration</td> <td>4</td> <td> documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars </td> </tr> <tr> <td>enumeration</td> <td>5</td> <td> documentation Breakfast documentation Breakfast documentation </td> </tr> </tbody> </table> | Kind | Value | Annotation | maxLength | 3 | | enumeration | 00 | documentation Alternative service documentation The journey planner algorithm should look for an alternative Service | enumeration | 3 | documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars | enumeration | 4 | documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars | enumeration | 5 | documentation Breakfast documentation Breakfast documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | |
| maxLength | 3 | | | | | | | | | | | | | | | | | | |
| enumeration | 00 | documentation Alternative service documentation The journey planner algorithm should look for an alternative Service | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars | | | | | | | | | | | | | | | | | |
| enumeration | 4 | documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars | | | | | | | | | | | | | | | | | |
| enumeration | 5 | documentation Breakfast documentation Breakfast documentation | | | | | | | | | | | | | | | | | |

| | | |
|--|----------------|---|
| | enumeration 6 | documentation Dinner documentation Dinner documentation 0 |
| | enumeration 7 | documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation 0 |
| | enumeration 8 | documentation Lunch documentation Lunch documentation 0 |
| | enumeration 9 | documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation 0 |
| | enumeration 11 | documentation Child documentation Services for children documentation 0 |
| | enumeration 21 | documentation Cold buffet documentation Cold buffet service documentation 0 |
| | enumeration 22 | documentation Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0 |
| | enumeration 23 | documentation Hot buffet documentation Hot buffet service documentation 0 |
| | enumeration 24 | documentation Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0 |
| | enumeration 25 | documentation Trolley documentation Trolley service (beverage and food cart) documentation 0 |
| | enumeration 26 | documentation Snack documentation |

| | | |
|--|----------------|---|
| | enumeration 27 | Snack documentation 0 documentation Disabled documentation Services for disabled persons documentation 0 documentation Movies documentation Movies documentation 0 documentation Business documentation Services for business people documentation 0 documentation Nursery documentation Nursery service documentation 0 documentation Buffet documentation Buffet documentation 0 documentation Special services for military documentation Special services for army families documentation 0 documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation 0 documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation 0 documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation 0 documentation Alighting possible until 30 minutes after arrival documentation Alighting is possible up to 30 minutes after arrival documentation 0 |
|--|----------------|---|

| | | |
|--|----------------|--|
| | enumeration 37 | documentation Postal services documentation Postal services available documentation 0 |
| | enumeration 38 | documentation Meal at the seat documentation Meal is provided at the seat documentation 0 |
| | enumeration 39 | documentation Self service documentation Self service meals documentation 0 |
| | enumeration 40 | documentation Overnight stay documentation Overnight stay possible on board documentation 0 |
| | enumeration 41 | documentation Luggage transport documentation Luggage transport offered documentation 0 |
| | enumeration 42 | documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0 |
| | enumeration 43 | documentation Music documentation Music documentation 0 |
| | enumeration 44 | documentation Check-in documentation Time at which the traveller checks in documentation 0 |
| | enumeration 45 | documentation Check-out documentation Time at which the traveller checks out documentation 0 |
| | enumeration 46 | documentation Free WiFi on board documentation Free WiFi service on board available documentation 0 |
| | enumeration 47 | documentation WiFi on board documentation |

| | | |
|--------|----------------|---|
| | enumeration 48 | WiFi service on board available documentation 0 documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0 |
| source | | <xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> |

element **TypeofService/FacilityTypeDescriptionCode**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | type9039CodeList |
| properties | minOcc 0 maxOcc unbounded content simple |
| facets | Kind Value Annotation maxLength 3 enumeration 2 documentation First-class sleepers documentation First-class sleepers documentation 0 enumeration 3 documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0 enumeration 4 documentation First-class seats documentation First-class seats documentation 0 enumeration 5 documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0 enumeration 6 documentation First-class couchettes documentation First-class couchettes documentation 0 enumeration 7 documentation Second-class couchettes |

| | | |
|--|--|---|
| | | documentation Second-class couchettes documentation 0 enumeration 8 documentation Sleeperette documentation Sleeperette or reclining seat documentation 0 enumeration 9 documentation Restaurant documentation Restaurant facility documentation 0 enumeration 11 documentation First-class sleeper, single documentation First-class sleeper, single documentation 0 enumeration 12 documentation First-class sleeper, special documentation First-class sleeper, special documentation 0 enumeration 13 documentation First-class sleeper, double documentation First-class sleeper, double documentation 0 enumeration 14 documentation Vehicle transport documentation Facilities for vehicle transport etc. Not bicycles. documentation Cars, boats, trailers, motorbikes, documentation 0 enumeration 15 documentation Second-class, sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation 0 enumeration 16 documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation 0 enumeration 17 documentation Second-class sleeper T4 documentation Second-class sleeper, T4 (four-bed compartment) documentation 0 enumeration 18 documentation First-class sleeper, single, shower documentation |
|--|--|---|

| | | |
|--|----------------|---|
| | | First-class sleeper, single with shower documentation 0 |
| | enumeration 19 | First-class sleeper, double, shower documentation First-class sleeper, double with shower documentation 0 |
| | enumeration 20 | Non-smoker service documentation The travel service is non-smoking documentation 0 |
| | enumeration 21 | Heavily disabled documentation Facilities for heavily disabled persons available documentation 0 |
| | enumeration 24 | Baby room documentation Baby care facilities available documentation 0 |
| | enumeration 26 | Bicycle transport documentation Facility for bicycle transport available documentation 0 |
| | enumeration 28 | Wheelchair access documentation Access for wheelchairs possible documentation 0 |
| | enumeration 33 | Video coach documentation Video coach available documentation 0 |
| | enumeration 34 | Mini-bar documentation Mini-bar available documentation 0 |
| | enumeration 36 | Panorama coach documentation Panorama coach available documentation 0 |
| | enumeration 44 | Telephone documentation Telephone service is available documentation 0 |

| | | |
|--|----------------|---|
| | enumeration 45 | documentation Power supply documentation Service provides power supply sockets documentation 0 |
| | enumeration 46 | documentation Pullmann coach documentation Pullman car seats documentation 0 |
| | enumeration 47 | documentation Bar documentation A bar is available documentation 0 |
| | enumeration 48 | documentation Family compartment documentation Family compartment(s) available documentation 0 |
| | enumeration 50 | documentation Buffet machine documentation Buffet machine available documentation 0 |
| | enumeration 54 | documentation Premium class documentation A class with comfort level higher than first class Business, etc documentation Includes Comfort, Club, Pullman, documentation 0 |
| | enumeration 55 | documentation Preferente documentation Spanish first class on long distance trains documentation RENFE documentation 0 |
| | enumeration 56 | documentation Turista documentation Spanish second class on long distance trains documentation RENFE documentation 0 |
| | enumeration 57 | documentation First-class sleeper, single, shower, WC documentation First-class sleeper, single with shower and WC documentation RENFE documentation 0 |
| | enumeration 58 | documentation |

| | | |
|--|----------------|--|
| | | First-class sleeper, double shower, WC documentation First-class sleeper, double with shower and WC documentation RENFE documentation 0 documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation |
| | enumeration 59 | 0 documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation |
| | enumeration 60 | 0 documentation Second class sleeper double documentation Second class sleeper for two documentation 0 documentation |
| | enumeration 61 | 0 documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation |
| | enumeration 62 | 0 documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation |
| | enumeration 63 | 0 documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation |
| | enumeration 64 | 0 documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation |
| | enumeration 65 | 0 documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation |
| | enumeration 66 | 0 documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation |
| | enumeration 67 | 0 documentation Business class documentation First class documentation Trenitalia |

| | | |
|--|-----------------|--|
| | enumeration 68 | documentation 0 documentation Premium class documentation A second class with comfort level higher than normal second class documentation Trenitalia documentation 0 documentation Standard class documentation Trenitalia's normal second class documentation Trenitalia documentation 0 documentation Unified class documentation For services with no class differentiation. A service with only one class documentation UIC documentation 0 documentation Medical-grade masks documentation Medical-grade masks must be worn documentation 0 documentation Mask obligation according to legal regulation documentation Mask obligation according to legal regulation documentation 0 documentation Metro connection documentation Metro, subway, underground connection documentation Only used in TSDUPD documentation 0 documentation Taxi connection documentation Taxi connection documentation Only used in TSDUPD documentation 0 documentation Bus connection documentation Bus connections available documentation Used only in TSDUPD documentation 0 documentation |
| | enumeration 69 | |
| | enumeration 70 | |
| | enumeration 71 | |
| | enumeration 72 | |
| | enumeration 101 | |
| | enumeration 102 | |
| | enumeration 103 | |
| | enumeration 104 | |

| | | |
|--------|--|---|
| | | Tram connection documentation Tram connections available documentation Used only in TSDUPD documentation 0 documentation 2nd Class couchette five beds C5 documentation 2nd Class couchette five beds C5 documentation DB Nachtzug documentation 0 documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation 0 documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet together with dedicated space for wheelchair documentation 0 |
| source | | <code><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></code> |

element TypeofService/CharacteristicDescriptionCode

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | type7037CodeList |
| properties | minOcc 0 maxOcc unbounded content simple |
| facets | Kind Value Annotation maxLength 17 enumeration 6 documentation First class documentation First class accommodation documentation 0 enumeration 7 documentation Second class documentation Second class accommodation documentation 0 |

| | | |
|--|----------------|---|
| | enumeration 11 | documentation Reservation possible documentation Reservation is possible documentation 0 |
| | enumeration 12 | documentation With supplement documentation A supplement is charged documentation 0 |
| | enumeration 13 | documentation Reservation compulsory documentation Reservation is compulsory documentation 0 |
| | enumeration 14 | documentation Reservation advised documentation Reservation is recommended documentation 0 |
| | enumeration 15 | documentation Reservation compulsory for parties documentation Reservation is compulsory for parties documentation 0 |
| | enumeration 16 | documentation Reservation compulsory in first-class documentation Reservation is compulsory in first-class documentation 0 |
| | enumeration 17 | documentation Group booking restricted documentation Booking by groups restricted documentation 0 |
| | enumeration 18 | documentation Groups not allowed documentation Groups of travellers are not allowed documentation 0 |
| | enumeration 19 | documentation No reservation documentation Reservation is not possible documentation 0 |
| | enumeration 20 | documentation Reservation in first class only documentation Reservation is only possible in first documentation 0 |
| | enumeration 21 | documentation Reservation compulsory from origin station documentation |

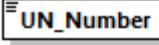
| | | |
|--------|--|---|
| | | Reservation compulsory from origin station documentation 0 documentation Reservation allowed for certain classes/products documentation Reservation possible for some booking classes/products documentation 0 documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0 documentation Not available documentation The product is not available documentation 0 documentation Non-bookable documentation The product is not bookable documentation 0 documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0 documentation Bookable through a national reservation system documentation Bookable through a national reservation system documentation 0 documentation Bookable manually on the RU selling point documentation Bookable manually on the RU selling point documentation 0 |
| source | | <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/> |

element **UltimateDestinationCountry**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CountryIdentISO |
| properties | content simple |
| used by | elements ILU Details ITU Details |

| | |
|------------|--|
| facets | Kind Value Annotation minLength 2 maxLength 2 |
| annotation | documentation Country of Ultimate Destination |
| source | <pre><xs:element name="UltimateDestinationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Country of Ultimate Destination</xs:documentation> </xs:annotation> </xs:element></pre> |

element **UN_Number**

| | |
|------------|---|
| diagram |  |
| | The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING". |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | element SummaryOfGoodsWithSameRID |
| facets | Kind Value Annotation length 4 pattern \d*[1-9]\d* |
| annotation | documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING". |
| source | <pre><xs:element name="UN_Number"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

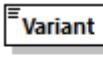
element **ValidityPeriod**

| | |
|------------|---|
| diagram | <p>StartDateTime The start of the date/time in effect</p> <p>EndDateTime The end date/time in effect</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | StartDateTime EndDateTime |
| used by | elements LocationPrimaryInformation LocationSubsidiaryInformation PlannedCalendar ReferenceTrainID SubCalendar RequestedCalendar |
| source | <pre><xs:element name="ValidityPeriod"> <xs:complexType> <xs:sequence> <xs:element ref="StartDateTime"/> <xs:element ref="EndDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

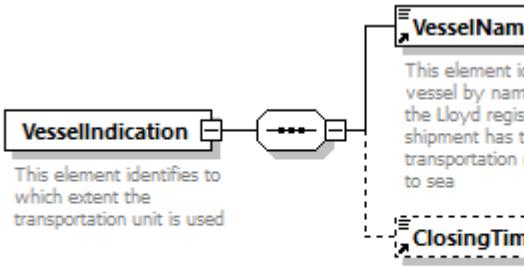
element **Value**

| diagram | | | | | | | | | | | | | |
|----------------|--|------------|-------|------------|--------------|---|--|--------------|------------|--|----------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | elements Height Length Width | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999999999</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 9999999999 | | fractionDigits | 1 | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | |
| maxInclusive | 9999999999 | | | | | | | | | | | | |
| fractionDigits | 1 | | | | | | | | | | | | |
| source | <pre><xs:element name="Value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:maxInclusive value="9999999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

element **Variant**

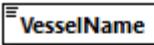
| | |
|------------|---|
| diagram |  The variant shows a relationship between two identifiers referring to the same business case |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| used by | complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType |
| facets | Kind Value Annotation minLength 2 maxLength 2 pattern [0-9A-Z]{2} |
| annotation | documentation The variant shows a relationship between two identifiers referring to the same business case |
| source | <pre><xs:element name="Variant"> <xs:annotation> <xs:documentation>The variant shows a relationship between two identifiers referring to the same business case</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}" /> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **VesselIndication**

| | |
|------------|---|
| diagram |  <p>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p> <p>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | VesselName ClosingTime |
| used by | elements WIMO Dataset/EventLevelData Ship |
| annotation | documentation This element identifies to which extent the transportation unit is used |

| | |
|--------|--|
| source | <pre><xs:element name="VesselIndication"> <xs:annotation> <xs:documentation>This element identifies to which extent the transportation unit is used</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselName"/> <xs:element ref="ClosingTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--------|--|

element VesselName

| | |
|------------|---|
| diagram |  <p>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Name |
| properties | content simple |
| used by | element VesselIndication |
| facets | Kind Value Annotation maxLength 254 |
| annotation | documentation This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea |
| source | <pre><xs:element name="VesselName" type="Name"> <xs:annotation> <xs:documentation>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</xs:documentation> </xs:annotation> </xs:element></pre> |

element Volume

| | |
|------------|---|
| diagram |  <p>Identifies the volume of a shipment, expressed in cubic metres</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | VolumeValue |
| properties | content simple |
| annotation | documentation Identifies the volume of a shipment, expressed in cubic metres |

| | |
|--------|---|
| source | <pre><xs:element name="Volume" type="VolumeValue"> <xs:annotation> <xs:documentation>Identifies the volume of a shipment, expressed in cubic metres</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|---|

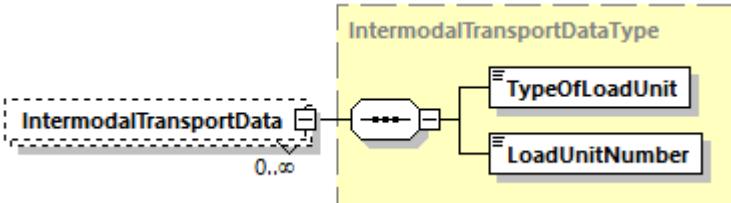
element WagonAtDeparture

| | |
|------------|--|
| diagram | <p>The diagram illustrates the structure of the WagonAtDeparture element. It is a composite element represented by a rectangle with a compartment for attributes and another for operations. Two directed associations originate from it: one to a Location object, which is described as identifying a location using a LocationIdent; and another to a DepartureTimeAtLocation object, which is described as the scheduled departure date and time at a defined location.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location DepartureTimeAtLocation |
| annotation | <p>documentation</p> <p>Departure point of a wagon with location and departure time</p> |
| source | <pre><xs:element name="WagonAtDeparture"> <xs:annotation> <xs:documentation>Departure point of a wagon with location and departure time</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

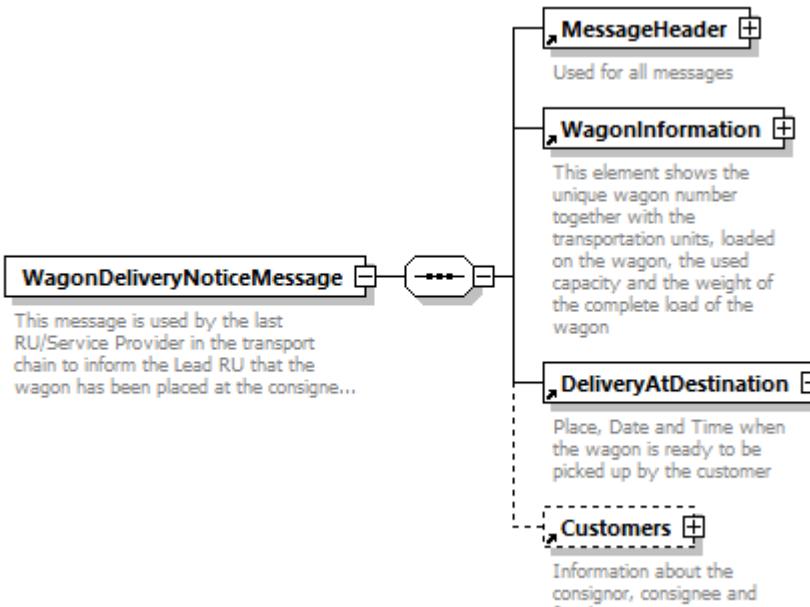
element **WagonData**

| | |
|------------|---|
| diagram | <pre> classDiagram class WagonData { <<Wagon relevant data for the wagons within a running train>> } class WagonNumberFreight { <<Identifies uniquely the freight wagon by its number>> } class WagonTrainPosition { <<Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.>> } class WagonOperationalData { <<Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.>> } class WagonTechData { <<This element shows the wagon relevant technical data for the wagons within a running train>> } class IntermodalTransportData { <<Intermodal transport data for the wagons within a running train>> } WagonData < -- WagonNumberFreight WagonData < -- WagonTrainPosition WagonData < -- WagonOperationalData WagonData < -- WagonTechData WagonData --> IntermodalTransportData </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData IntermodalTransportData |
| used by | element TrainCompositionJourneySection |
| annotation | documentation Wagon relevant data for the wagons within a running train |
| source | <pre> <xsd:element name="WagonData"> <xsd:annotation> <xsd:documentation>Wagon relevant data for the wagons within a running train</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="WagonNumberFreight"/> <xsd:element ref="WagonTrainPosition"/> <xsd:element ref="WagonOperationalData"/> <xsd:element ref="WagonTechData"/> <xsd:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </xsd:element> </pre> |

element **WagonData/IntermodalTransportData**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | IntermodalTransportDataType |
| properties | minOcc 0 maxOcc unbounded content complex |
| children | TypeOfLoadUnit LoadUnitNumber |
| source | <pre><xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0" maxOccurs="unbounded"/></pre> |

element **WagonDeliveryNoticeMessage**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader WagonInformation DeliveryAtDestination Customers |
| annotation | documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding. |
| source | <pre><xs:element name="WagonDeliveryNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.</xs:documentation> </xs:annotation></pre> |

| | |
|--|---|
| | <pre> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="DeliveryAtDestination"/> <xs:element ref="Customers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **WagonETI_ETA_Message**

| | |
|------------|---|
| diagram | <p>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport |
| annotation | <p>documentation</p> <p>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p> |
| source | <pre> <xs:element name="WagonETI_ETA_Message"> <xs:annotation> <xs:documentation>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre> |

| | |
|--|---|
| | <pre> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalInterchangeReport"/> <xs:element ref="DepartureInterchangeReport" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **WagonEventInformation**

| | |
|------------|---|
| diagram | <pre> classDiagram class WagonEventInformation { <<This is a WIMO element that is derived from the Wagon Release Notice and Event Messages>> } class WagonEvent class EventDateTime class Location WagonEventInformation *--o WagonEvent WagonEventInformation *--o EventDateTime WagonEventInformation *--o Location </pre> <p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | WagonEvent EventDateTime Location |
| used by | element WIMO Dataset/EventLevelData |
| annotation | <p>documentation</p> <p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> |
| source | <pre> <xs:element name="WagonEventInformation"> <xs:annotation> <xs:documentation>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EventDateTime" type="xs:dateTime"/> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **WagonEventInformation/WagonEvent**

| diagram |  WagonEvent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|---------|--|-------------|---------|--|-------------|-----------|--|-------------|-----------|--|-------------|----------|--|-------------|---------------------|--|-------------|--------------------|--|-------------|---------------|--|-------------|-------------|--|-------------|----------------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Release</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Departure</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Exception</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Delivery</td> <td></td> </tr> <tr> <td>enumeration</td> <td>InterchangeDelivery</td> <td></td> </tr> <tr> <td>enumeration</td> <td>InterchangeReceipt</td> <td></td> </tr> <tr> <td>enumeration</td> <td>YardDeparture</td> <td></td> </tr> <tr> <td>enumeration</td> <td>YardArrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>DeliveryConfirmation</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Release | | enumeration | Arrival | | enumeration | Departure | | enumeration | Exception | | enumeration | Delivery | | enumeration | InterchangeDelivery | | enumeration | InterchangeReceipt | | enumeration | YardDeparture | | enumeration | YardArrival | | enumeration | DeliveryConfirmation | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Release | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Arrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Departure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Exception | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Delivery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | InterchangeDelivery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | InterchangeReceipt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | YardDeparture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | YardArrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | DeliveryConfirmation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

element **WagonEventInformation/EventDateTime**

| | |
|------------|--|
| diagram |  EventDateTime |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| source | <pre><xs:element name="EventDateTime" type="xs:dateTime"/></pre> |

element **WagonInformation**

| | |
|------------|---|
| diagram | <pre> classDiagram class WagonInformation { WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon } class WagonNumberFreight { Identifies uniquely the freight wagon by its number } class LoadingStatus { Loading status of the equipment. 0=Empty, 1=Loaded } class TotalWeight { Total weight of the loaded wagon [kg]. } class GoodsInWagon { Goods } WagonInformation < -- WagonNumberFreight WagonInformation < -- LoadingStatus WagonInformation < -- TotalWeight WagonInformation < -- GoodsInWagon TotalWeight < -- GoodsInWagon </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon |
| used by | elements WIMO Dataset/ConsignmentLevelData WagonDeliveryNoticeMessage WagonETI ETA Message |
| annotation | <p>documentation</p> <p>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</p> |
| source | <pre> <xs:element name="WagonInformation"> <xs:annotation> <xs:documentation>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="LoadingStatus"/> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **WagonLength**

| | |
|------------|--|
| diagram | <pre> classDiagram class WagonLength { Length over buffers in cms } WagonLength < -- WagonLength </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | content simple |
| used by | element Wagons/WagonDetails/WagonTypeDetails |

| | |
|------------|--|
| facets | Kind Value Annotation minInclusive 1 maxInclusive 999999 |
| annotation | documentation Length over buffers in cms |
| source | <pre><xs:element name="WagonLength"> <xs:annotation> <xs:documentation>Length over buffers in cms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **WagonLocationStatus**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|-------|------------|-------------|----|--------------------------------|-------------|----|---|-------------|----|--------------------------------------|-------------|----|---------------------------------------|-------------|----|---|-------------|----|-------------------------------|-------------|----|---|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|---------------|
| diagram |  <p>identifies the status of a wagon, related to the actual time at a reporting point</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | RunningStatus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| used by | element ExceptionPoint | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>00</td> <td>documentation Not specified</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Arrival at destination</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation Departure at origin</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Intermediate arrival</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation Intermediate departure</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation Pass through</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)</td> </tr> <tr> <td>enumeration</td> <td>07</td> <td></td> </tr> <tr> <td>enumeration</td> <td>08</td> <td></td> </tr> <tr> <td>enumeration</td> <td>09</td> <td></td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Not specified for wagon</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Wagon arrival at its destination by train</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Wagon departure from its station of origin by train</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Wagon arrival at reporting point by train</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation</td> </tr> </table> | Kind | Value | Annotation | enumeration | 00 | documentation Not specified | enumeration | 01 | documentation Arrival at destination | enumeration | 02 | documentation Departure at origin | enumeration | 03 | documentation Intermediate arrival | enumeration | 04 | documentation Intermediate departure | enumeration | 05 | documentation Pass through | enumeration | 06 | documentation NEW CODES: Some IMs are transmitting these codes (6 - 9) | enumeration | 07 | | enumeration | 08 | | enumeration | 09 | | enumeration | 10 | documentation Not specified for wagon | enumeration | 11 | documentation Wagon arrival at its destination by train | enumeration | 12 | documentation Wagon departure from its station of origin by train | enumeration | 13 | documentation Wagon arrival at reporting point by train | enumeration | 14 | documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 00 | documentation Not specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation Arrival at destination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation Departure at origin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation Intermediate arrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation Intermediate departure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 05 | documentation Pass through | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 06 | documentation NEW CODES: Some IMs are transmitting these codes (6 - 9) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation Not specified for wagon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation Wagon arrival at its destination by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | documentation Wagon departure from its station of origin by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation Wagon arrival at reporting point by train | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|------------|---|---|
| | enumeration 15 | Wagon departure from reporting point by train documentation |
| | enumeration 16 | Wagon run-through at reporting point by train documentation |
| | enumeration 17 | Wagon parked at reporting point documentation |
| | enumeration 18 | Wagon shunted at reporting point documentation |
| | enumeration 19 | Wagon arrived at reporting point documentation |
| | | Wagon departure from reporting point |
| annotation | documentation | identifies the status of a wagon, related to the actual time at a reporting point |
| source | <pre><xs:element name="WagonLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre> | |

element **WagonMaxSpeed**

| diagram |  WagonMaxSpeed <p>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</p> | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|-----|--|--------------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element WagonOperationalData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 001 | | maxInclusive | 999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 001 | | | | | | | | | |
| maxInclusive | 999 | | | | | | | | | |
| annotation | documentation Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh | | | | | | | | | |
| source | <pre><xs:element name="WagonMaxSpeed"> <xs:annotation> <xs:documentation>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **WagonNumberFreight**

| | |
|------------|--|
| diagram |  WagonNumberFreight Identifies uniquely the freight wagon by its number |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>WagonIdent</u> |
| properties | content simple |
| used by | elements <u>RollingStockDataset/AdministrativeDataSet AlertMessage</u> <u>RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage</u> <u>WagonData WagonInformation Wagons WagonStatusMessages/WagonStatusMessage</u> |
| facets | Kind Value Annotation maxLength 12 pattern [0-9]{12} |
| annotation | documentation Identifies uniquely the freight wagon by its number |
| source | <pre><xs:element name="WagonNumberFreight" type="WagonIdent"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element></pre> |

element **WagonNumberOfAxles**

| | |
|------------|--|
| diagram |  WagonNumberOfAxles Number of Axels for a wagon |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of <u>xs:int</u> |
| properties | content simple |
| used by | elements <u>RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails</u> |
| facets | Kind Value Annotation minInclusive 2 maxInclusive 99 |
| annotation | documentation Number of Axels for a wagon |
| source | <pre><xs:element name="WagonNumberOfAxles"> <xs:annotation> <xs:documentation>Number of Axels for a wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="2"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **WagonOperationalData**

| | |
|------------|---|
| diagram | <pre> classDiagram class WagonOperationalData { BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsIndication InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage TotalLoadWeight } </pre> <p>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsIndication InfoOnGoodsShapeTypeDanger RestrictionsDueToLoadOrDamage |

| | |
|------------|---|
| | TotalLoadWeight |
| used by | element WagonData |
| annotation | documentation Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory. |
| source | <pre><xs:element name="WagonOperationalData"> <xs:annotation> <xs:documentation>Actual wagon parameters, dependent on load or damage. This group and its elements are optional (contract defines what IM requires). But if there is dangerous goods in the train, then this group is mandatory.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="WagonMaxSpeed" minOccurs="0"/> <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InfoOnGoodsShapeTypeDanger" minOccurs="0" maxOccurs="9"/> <xs:element ref="RestrictionsDueToLoadOrDamage" minOccurs="0" maxOccurs="9"/> <xs:element ref="TotalLoadWeight" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **WagonPickupAtOrigin**

| | |
|------------|---|
| diagram | <p>The diagram illustrates the relationship between the WagonPickupAtOrigin element and two other entities: Location and DepartureTimeAtLocation. The WagonPickupAtOrigin class is connected to the Location class via a directed association line. The WagonPickupAtOrigin class is also connected to the DepartureTimeAtLocation class via another directed association line. The Location class is described as 'Identifies a Location using a LocationIdent'. The DepartureTimeAtLocation class is described as 'the scheduled departure date and time at a defined location'.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location DepartureTimeAtLocation |
| annotation | documentation Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings |
| source | <pre><xs:element name="WagonPickupAtOrigin"> <xs:annotation> <xs:documentation>Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings</xs:documentation> </xs:annotation> <xs:complexType></pre> |

| | |
|--|--|
| | <pre> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **Wagons**

| | |
|------------|--|
| diagram | <pre> classDiagram class Wagons { Content of the wagon } class WagonNumberFreight { Identifies uniquely the freight wagon by its number } class WagonDetails { Details for the specific wagon } class SummaryOfGoodsWithSameRID { This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here } class LoadingTackles { Describes the loading tackles used inside the wagon } class GoodsInWagon { 1..99 } Wagons --> WagonNumberFreight Wagons --> WagonDetails WagonNumberFreight --> SummaryOfGoodsWithSameRID WagonNumberFreight --> LoadingTackles WagonDetails --> GoodsInWagon </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | WagonNumberFreight WagonDetails SummaryOfGoodsWithSameRID LoadingTackles GoodsInWagon |
| used by | element ConsignmentOrderMessage/COMS/COM |
| annotation | documentation Content of the wagon |
| source | <pre> <xs:element name="Wagons"> <xs:annotation> <xs:documentation>Content of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:sequence> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre> |

```
<xs:element ref="LoadingStatus"/>
<xs:element name="WagonInfo" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information, concerning the
goods of the whole wagon. </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="2000"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="WagonTypeDetails" minOccurs="0">
    <xs:annotation>
        <xs:documentation>These elements are only needed, if the
wagon has to be treated as CUV (empty wagon).</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="WagonWeightEmpty"/>
            <xs:element ref="WagonNumberOfAxles"/>
            <xs:element ref="WagonLength"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="TotalWeight" minOccurs="0"/>
<xs:element name="LoadLimit" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Load limit from table of load limits in
[t].</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:decimal">
            <xs:minInclusive value="0"/>
            <xs:totalDigits value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Seals" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="Ship" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information for transports,
which shall be handed over to a ship.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of origin country of the
Goods</xs:documentation>
    </xs:annotation>
</xs:element>
```

```
<xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Exceptional
Consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="IM_Partner"/>
            <xs:element name="PermissionNumber">
                <xs:annotation>
                    <xs:documentation>Reference/permission number of the
exceptional consignment.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="24"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Examination" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Examination</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Code of the carrier undertaking
the examination (see CIM Article 11 sections 2 and 3). </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Result">
                <xs:annotation>
                    <xs:documentation>Details of the results of any
examination (see CIM Article 11 sections 2 and 3).</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="180"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
    <xs:annotation>
        <xs:documentation>Formal report</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CreationDate" type="xs:date">
```

```

<xs:annotation>
    <xs:documentation>Date when the report was made
out.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="Number" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Number of the report
form.</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xsmaxLength value="13"/>
        <xs:minLength value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
    <xs:annotation>
        <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Shunting modal label according to
chapter 5.3.4 RID</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:token">
        <xs:enumeration value="13"/>
        <xs:enumeration value="15"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="CustomerReference" minOccurs="0"
maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Supplied by the customer. Reference
number to link the ECN and delivery note to the same consignment on the
customer side.</xs:documentation>
    </xs:annotation>
<xs:simpleType>
    <xs:restriction base="xs:string">
        <xsmaxLength value="30"/>
        <xs:minLength value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="BookingNumber" minOccurs="0">
    <xs:annotation>
        <xs:documentation>XrailBooking number for the
consignment</xs:documentation>
    </xs:annotation>
<xs:simpleType>

```

```
<xs:restriction base="xs:string">
  <xs:minLength value="24"/>
  <xs:maxLength value="64"/>
  <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
<xs:sequence>
  <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/>
  <xs:element name="GoodsInWagon" maxOccurs="99">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="NoGoodsOfClassX" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Element has to be filled with the
class of the dangerous goods which are mentioned in Table 3.2 RID but are
not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="RID" minOccurs="0" maxOccurs="50">
          <xs:annotation>
            <xs:documentation>The requirement (optional/mandatory)
of the RID detail tags depend on the dangerous good and the regarding RID
regulations. In contrast to the element "DangerousGoodsIndication" which only
provides information to be provided to the IM according to chapter 1.4 RID,
"RID" contains all information demanded in chapter 5.4 RID in order to
provide all information used for RUs</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="Law">
                <xs:annotation>
                  <xs:documentation>The law after which the RID data
are declared.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:int">
                    <xs:enumeration value="2013"/>
                    <xs:enumeration value="2015"/>
                    <xs:enumeration value="2017"/>
                    <xs:enumeration value="2019"/>
                    <xs:enumeration value="2021"/>
                    <xs:enumeration value="2023"/>
                    <xs:enumeration value="2025"/>
                    <xs:enumeration value="2027"/>
                    <xs:enumeration value="2029"/>
                    <xs:enumeration value="2031"/>
                    <xs:enumeration value="2033"/>
                    <xs:enumeration value="2035"/>
                    <xs:enumeration value="2037"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

```

<xs:element ref="DangerLabel" minOccurs="0"
maxOccurs="5"/>
<xs:element name="TechnicalDescription" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Technical Description is an
approved chemical or biological name and has to be present if the dangerous
good has assigned a special provision 274 according to RID chapter 3.2,
table A, column 6.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="ProperShippingName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The official name of this
dangerous good according to the RID chapter 3.2, table A, column 2
Mandatory, except it concerns a declaration of an empty packaging of the
type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L",
"EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SpecialProvisionsRID3.3"
minOccurs="0" maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialProvisionRID5.4"
minOccurs="0" maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Waste" type="xs:boolean"
minOccurs="0"/>
      <xs:element name="SpecialProvisionsEnvironment"
minOccurs="0">
        <xs:complexType>
          <xs:choice>

```

| | |
|--|---|
| | <pre> <xss:element name="EnvironmentalHazardous" type="xs:boolean"/> <xss:element name="MarinePollutant" type="xs:boolean"/> </xss:choice> </xss:complexType> </xss:element> </xss:sequence> </xss:complexType> </xss:element> <xss:element name="ActionRequiredFromCarrier" minOccurs="0"> <xss:annotation> <xss:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:string"> <xss:minLength value="1"/> <xss:maxLength value="350"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element ref="DangerousGoodsWeight" minOccurs="0"> <xss:annotation> <xss:documentation>The weight of the dangerous goods in Kilograms</xss:documentation> </xss:annotation> </xss:element> <xss:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xss:annotation> <xss:documentation>The volume of the dangerous goods in cubic meters</xss:documentation> </xss:annotation> </xss:element> <xss:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0"> <xss:annotation> <xss:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xss:documentation> </xss:annotation> </xss:element> <xss:element name="HazardIdentificationNumber" minOccurs="0"> <xss:simpleType> <xss:restriction base="xs:string"> <xss:minLength value="2"/> <xss:maxLength value="4"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element name="UN_Number" minOccurs="0"> <xss:annotation> <xss:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY </pre> |
|--|---|

```

PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE
PACKAGING" .</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="4"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="RID_Class" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The Class of the dangerous good
according to the RID chapter 3.2, table A, column 3a.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The Classification Code of the
dangerous good according to the RID chapter 3.2, table A, column 3b.
Mandatory for Class 1 - optional, but possibly for all the other
classes.</xs:documentation>
        <xs:documentation>CODE: OTIF RID-
Specification</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4"/>
            <xs:annotation>
                <xs:documentation>present only with class
1</xs:documentation>
            </xs:annotation>
            </xs:maxLength>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element name="EmptyPackingCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of empty packing as
described in RID 5.4.1.1.6.2</xs:documentation>
        <xs:documentation>CODE: OTIF RID-Specification,
element EMPTY has been added as 'dummy' until the code list has been
finished and approved. </xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="01">
                <xs:annotation>
                    <xs:documentation>EMPTY
PACKAGING</xs:documentation>

```

```
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="02">
    <xs:annotation>
        <xs:documentation>EMPTY
CONTAINER</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="03">
    <xs:annotation>
        <xs:documentation>EMPTY
IBC</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="04">
    <xs:annotation>
        <xs:documentation>EMPTY LARGE
PACKAGING</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-
VEHICLE</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-
WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
    <xs:annotation>
        <xs:documentation>EMPTY DETACHABLE
TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
    <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE
TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-
CONTAINER</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
    <xs:annotation>
        <xs:documentation>EMPTY PORTABLE
TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
    <xs:annotation>
```

| | |
|--|---|
| | <pre> <xs:documentation>EMPTY BATTERY- VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY- WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|---|

```
<xs:element name="Packing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Packing information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="NatureOfPacking" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Nature of packing according to
the UN/ECE Recommandation No 21</xs:documentation>
                    <xs:documentation>CODE: UN/ECE-Recomendation No.
21</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="2"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="NumberOfPackages" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Number of
packages.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:int">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="99999"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
                <xs:annotation>
                    <xs:documentation>Particular marks and numbers to
identify less than wagon load assignments.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="35"/>
                        <xs:minLength value="1"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the
loaded good, given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
```

```
<xs:restriction base="xs:string">
  <xs:minLength value="1"/>
  <xsmaxLength value="350"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
  <xs:annotation>
    <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation>
  </xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="6"/>
    <xsmaxLength value="10"/>
    <xs:pattern value="\d*[1-9]\d*"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="EWC_Key" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation>
    <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation>
  </xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:minLength value="2"/>
    <xsmaxLength value="6"/>
    <xs:pattern value="\d*"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99">
  <xs:element ref="ILU" minOccurs="0"/>
  <xs:element ref="RollingRoadUnit" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:sequence>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element Wagons/WagonDetails

| | |
|-----------|--|
| diagram | <pre> classDiagram class WagonDetails { <<Details for the specific wagon>> } class LoadingStatus class WagonInfo class WagonTypeDetails class TotalWeight class LoadLimit class Seals class Ship class DeliveryReference class OriginCountry class ExceptionalConsignment class Examination class FormalReports class ShuntingModalLabel class CustomerReference class BookingNumber WagonDetails "1" -- "1" LoadingStatus WagonDetails "1" -- "1" WagonInfo WagonDetails "*" -- "1" WagonTypeDetails WagonDetails "1" -- "1" TotalWeight WagonDetails "1" -- "1" LoadLimit WagonDetails "1" -- "1" Seals WagonDetails "1" -- "1" Ship WagonDetails "1" -- "1" DeliveryReference WagonDetails "1" -- "1" OriginCountry WagonDetails "1" -- "1" ExceptionalConsignment WagonDetails "1" -- "1" Examination WagonDetails "1" -- "1" FormalReports WagonDetails "1" -- "1" ShuntingModalLabel WagonDetails "1" -- "1" CustomerReference WagonDetails "1" -- "1" BookingNumber </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

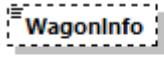
| | |
|------------|--|
| properties | content complex |
| children | LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment Examination FormalReports ShuntingModalLabel CustomerReference BookingNumber |
| annotation | documentation Details for the specific wagon |
| source | <pre> <xs:element name="WagonDetails"> <xs:annotation> <xs:documentation>Details for the specific wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="WagonTypeDetails" minOccurs="0"> <xs:annotation> <xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonWeightEmpty"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="WagonLength"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="TotalWeight" minOccurs="0"/> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Seals" minOccurs="0"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

```
</xs:element>
<xs:element ref="Ship" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information for transports, which shall be handed over to a ship.</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element ref="DeliveryReference" minOccurs="0"/>
<xs:element ref="OriginCountry" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of origin country of the Goods</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Exceptional Consignment</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="IM_Partner"/>
            <xs:element name="PermissionNumber">
                <xs:annotation>
                    <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="24"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Examination" minOccurs="0" maxOccurs="10">
    <xs:annotation>
        <xs:documentation>Examination</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Result">
                <xs:annotation>
                    <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="180"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
        </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="FormalReports" minOccurs="0" maxOccurs="15">
    <xs:annotation>
        <xs:documentation>Formal report</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="CreationDate" type="xs:date">
                <xs:annotation>
                    <xs:documentation>Date when the report was made
out.</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Number" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Number of the report
form.</xs:documentation>
                </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="13"/>
                    <xs:minLength value="1"/>
                </xs:restriction>
            </xs:simpleType>
            </xs:element>
            <xs:element name="CarrierCode" type="CompanyCode">
                <xs:annotation>
                    <xs:documentation>Code of the carrier who made it
out.</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Shunting modal label according to chapter 5.3.4
RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="13"/>
            <xs:enumeration value="15"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="CustomerReference" minOccurs="0" maxOccurs="5">
    <xs:annotation>
        <xs:documentation>Supplied by the customer. Reference number to
link the ECN and delivery note to the same consignment on the customer
side.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
```

| | |
|--|---|
| | <pre> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xsmaxLength value="64"/> <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element Wagons/WagonDetails/WagonInfo

| diagram |  <p>Additional information, concerning the goods of the whole wagon.</p> | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2000</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 2000 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 2000 | | | | | | | | | |
| annotation | documentation Additional information, concerning the goods of the whole wagon. | | | | | | | | | |
| source | <pre> <xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2000"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element Wagons/WagonDetails/WagonTypeDetails

| | |
|------------|--|
| diagram | <pre> classDiagram class WagonTypeDetails { <<These elements are only needed, if the wagon has to be treated as CUV (empty wagon).>> } class WagonWeightEmpty { <<The weight of an empty wagon according to the entry in the rolling stock database<> } class WagonNumberOfAxles { <<Number of Axles for a wagon<> } class WagonLength { <<Length over buffers in cms<> } WagonTypeDetails "1" -- "0..1" WagonWeightEmpty WagonTypeDetails "1" -- "0..1" WagonNumberOfAxles WagonTypeDetails "1" -- "0..1" WagonLength </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | WagonWeightEmpty WagonNumberOfAxles WagonLength |
| annotation | documentation These elements are only needed, if the wagon has to be treated as CUV (empty wagon). |
| source | <pre> <xss:element name="WagonTypeDetails" minOccurs="0"> <xss:annotation> <xss:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="WagonWeightEmpty"/> <xss:element ref="WagonNumberOfAxles"/> <xss:element ref="WagonLength"/> </xss:sequence> </xss:complexType> </xss:element> </pre> |

element Wagons/WagonDetails/LoadLimit

| | |
|------------|---|
| diagram | <pre> classDiagram class LoadLimit { <<Load limit from table of load limits in [t].>> } </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:decimal |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 0 totalDigits 4 |
| annotation | documentation Load limit from table of load limits in [t]. |
| source | <pre> <xss:element name="LoadLimit" minOccurs="0"> <xss:annotation> <xss:documentation>Load limit from table of load limits in [t].</xss:documentation> </xss:annotation> </xss:element> </pre> |

| | |
|--|--|
| | <pre>[t].</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:totalDigits value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

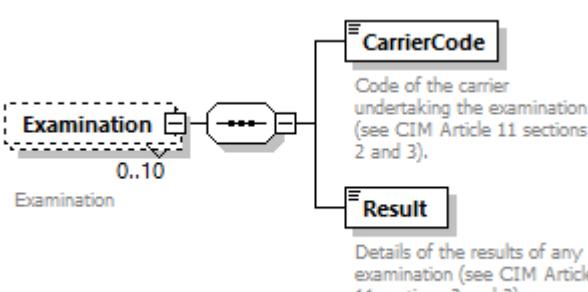
element Wagons/WagonDetails/ExceptionalConsignment

| | |
|------------|--|
| diagram | <pre> classDiagram class ExceptionalConsignment class IM_Partner { Infrastructure Manager } class PermissionNumber { Reference/permission number of the exceptional consignment. } ExceptionalConsignment "0..10" --> IM_Partner IM_Partner --> PermissionNumber </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 10 content complex |
| children | IM_Partner PermissionNumber |
| annotation | documentation Exceptional Consignment |
| source | <pre> <xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Exceptional Consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IM_Partner"/> <xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber

| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>24</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 24 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 24 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Reference/permission number of the exceptional consignment.</p> | | | | | | | | | |
| source | <pre><xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element Wagons/WagonDetails/Examination

| diagram |  | | | | | | |
|------------|--|--------|---|--------|----|---------|---------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>10</td> </tr> <tr> <td>content</td> <td>complex</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 10 | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | 10 | | | | | | |
| content | complex | | | | | | |
| children | CarrierCode Result | | | | | | |
| annotation | <p>documentation</p> <p>Examination</p> | | | | | | |
| source | <pre><xs:element name="Examination" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Examination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre> | | | | | | |

| | |
|--|--|
| | <pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element Wagons/WagonDetails/Examination/CarrierCode

| diagram | <p>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).</p> | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). | | | | | | | | | | | | |
| source | <pre> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | | | | |

element Wagons/WagonDetails/Examination/Result

| | |
|---------|---|
| diagram | <p>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</p> |
|---------|---|

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | content simple |
| facets | Kind Value Annotation minLength 1 maxLength 180 |
| annotation | documentation Details of the results of any examination (see CIM Article 11 sections 2 and 3). |
| source | <pre><xs:element name="Result"> <xs:annotation> <xs:documentation>Details of the results of any examination (see CIM Article 11 sections 2 and 3).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="180"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element Wagons/WagonDetails/FormalReports

| | |
|------------|--|
| diagram | <pre> classDiagram class FormalReports { <<Formal report>> } class CreationDate { <<Date when the report was made out.>> } class Number { <<Number of the report form.>> } class CarrierCode { <<Code of the carrier who made it out.>> } FormalReports "0..15" --> CreationDate FormalReports "0..15" --> Number FormalReports "0..15" --> CarrierCode </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 15 content complex |
| children | CreationDate Number CarrierCode |
| annotation | documentation Formal report |
| source | <pre><xs:element name="FormalReports" minOccurs="0" maxOccurs="15"> <xs:annotation> <xs:documentation>Formal report</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|--|
| | <pre> <xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xsmaxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element Wagons/WagonDetails/FormalReports/CreationDate

| | |
|------------|---|
| diagram | CreationDate |
| | Date when the report was made out. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | content simple |
| annotation | documentation Date when the report was made out. |
| source | <pre> <xs:element name="CreationDate" type="xs:date"> <xs:annotation> <xs:documentation>Date when the report was made out.</xs:documentation> </xs:annotation> </xs:element> </pre> |

element Wagons/WagonDetails/FormalReports/Number

| diagram | Number | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| | Number of the report form. | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>13</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 13 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 13 | | | | | | | | | |

| | |
|------------|--|
| annotation | documentation Number of the report form. |
| source | <pre><xs:element name="Number" minOccurs="0"> <xs:annotation> <xs:documentation>Number of the report form.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="13"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element Wagons/WagonDetails/FormalReports/CarrierCode

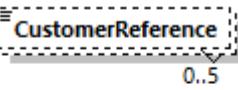
| diagram | <p>Code of the carrier who made it out.</p> | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation Code of the carrier who made it out. | | | | | | | | | | | | |
| source | <pre><xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the carrier who made it out.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element Wagons/WagonDetails/ShuntingModalLabel

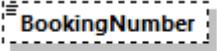
| diagram | <p>Shunting modal label according to chapter 5.3.4 RID</p> | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|---------|--------|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | |
| properties | <table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </tbody> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>15</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 13 | | enumeration | 15 | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 13 | | | | | | | | | |
| enumeration | 15 | | | | | | | | | |

| | |
|------------|---|
| annotation | documentation Shunting modal label according to chapter 5.3.4 RID |
| source | <pre><xs:element name="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to chapter 5.3.4 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="13"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element Wagons/WagonDetails/CustomerReference

| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---------|--------|-----------|----|--|
| diagram |  <p>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>5</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table> | minOcc | 0 | maxOcc | 5 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 5 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 30 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 30 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</p> | | | | | | | | | |
| source | <pre><xs:element name="CustomerReference" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element Wagons/WagonDetails/BookingNumber

| diagram |  <p>XrailBooking number for the consignment</p> | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|----|--|-----------|----|--|---------|-------------------------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>24</td> <td></td> </tr> <tr> <td>maxLength</td> <td>64</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{4}:[0-9]{17}:[a-f0-9-]+</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 24 | | maxLength | 64 | | pattern | [0-9]{4}:[0-9]{17}:[a-f0-9-]+ | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 24 | | | | | | | | | | | | |
| maxLength | 64 | | | | | | | | | | | | |
| pattern | [0-9]{4}:[0-9]{17}:[a-f0-9-]+ | | | | | | | | | | | | |
| annotation | documentation XrailBooking number for the consignment | | | | | | | | | | | | |
| source | <pre><xs:element name="BookingNumber" minOccurs="0"> <xs:annotation> <xs:documentation>XrailBooking number for the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="24"/> <xs:maxLength value="64"/> <xs:pattern value="[0-9]{4}:[0-9]{17}:[a-f0-9-]+"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

element Wagons/GoodsInWagon

| | |
|-----------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | minOcc 1 maxOcc 99 content complex |
| children | NoGoodsOfClassX RID Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key ReferenceNumbers ILU RollingRoadUnit |
| used by | element WagonInformation |
| source | <pre><xs:element name="GoodsInWagon" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RID" minOccurs="0" maxOccurs="50"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A,</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|--|
| | <pre>column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Waste" type="xs:boolean" minOccurs="0"/> <xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

```
</xs:complexType>
</xs:element>
<xs:element name="ActionRequiredFromCarrier" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="HazardIdentificationNumber" minOccurs="0">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="UN_Number" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:length value="4"/>
            <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

```
<xs:element name="RID_Class" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation>
            <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4">
                <xs:annotation>
                    <xs:documentation>present only with class 1</xs:documentation>
                </xs:annotation>
            </xs:maxLength>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element name="EmptyPackingCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation>
            <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="01">
                <xs:annotation>
                    <xs:documentation>EMPTY PACKAGING</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="02">
                <xs:annotation>
                    <xs:documentation>EMPTY CONTAINER</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="03">
                <xs:annotation>
                    <xs:documentation>EMPTY IBC</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

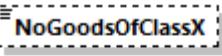
```
</xs:enumeration>
<xs:enumeration value="04">
    <xs:annotation>
        <xs:documentation>EMPTY LARGE
PACKAGING</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-
VEHICLE</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
    <xs:annotation>
        <xs:documentation>EMPTY DETACHABLE
TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
    <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE
TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-
CONTAINER</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
    <xs:annotation>
        <xs:documentation>EMPTY PORTABLE
TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
    <xs:annotation>
        <xs:documentation>EMPTY BATTERY-
VEHICLE</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
    <xs:annotation>
        <xs:documentation>EMPTY BATTERY-
WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
    <xs:annotation>
        <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE
LINKED ELEMENTS</xs:documentation>
```

```
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
    <xs:annotation>
        <xs:documentation>EMPTY VEHICLE</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
    <xs:annotation>
        <xs:documentation>EMPTY WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
    <xs:annotation>
        <xs:documentation>EMPTY RECEPTACLE le
1000L</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
    <xs:annotation>
        <xs:documentation>EMPTY RECEPTACLE gt
1000L</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
    <xs:annotation>
        <xs:documentation>EMPTY</xs:documentation>
    </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="LimitedQuantityIndicator" type="xs:boolean"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>Indicator for labelled dangerous goods in
limited quantity according to chapter 3.-4 RID</xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Packing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Packing information</xs:documentation>
    </xs:annotation>
<xs:complexType>
    <xs:sequence>
        <xs:element name="NatureOfPacking" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Nature of packing according to the UN/ECE
Recommendation No 21</xs:documentation>
                <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
            </xs:annotation>
<xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="2"/>
```

```
        <xs:minLength value="1"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="NumberOfPackages" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Number of packages.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
    <xs:annotation>
        <xs:documentation>Particular marks and numbers to identify
less than wagon load assignments.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element ref="GoodsDescription" minOccurs="0"/>
<xs:element name="AdditionalGoodInformation" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="GrossWeight"/>
<xs:element name="HS_Code" minOccurs="0">
    <xs:annotation>
        <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="6"/>
        </xs:restriction>
    </xs:simpleType>
```

| | |
|--|--|
| | <pre> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ReferenceNumbers" minOccurs="0" maxOccurs="99"/> <xs:element ref="ILU" minOccurs="0"/> <xs:element ref="RollingRoadUnit" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element **Wagons/GoodsInWagon/NoGoodsOfClassX**

| | |
|------------|---|
| diagram |  <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 |
| annotation | <p>documentation</p> <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p> |
| source | <pre> <xs:element name="NoGoodsOfClassX" minOccurs="0"> <xs:annotation> <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation> </xs:annotation> </xs:element> </pre> |

element Wagons/GoodsInWagon/RID

| | |
|------------|--|
| diagram | <p>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the carrier according to chapter 1.4 RID, RID "contains all information demanded in chapter 5.4 RID in order to provide all information used for RIDs".</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 |

| | |
|------------|--|
| | maxOcc 50 content complex |
| children | Law DangerLabel TechnicalDescription ProperShippingName SpecialProvisions RID ActionRequiredFromCarrier DangerousGoodsWeight DangerousGoodsVolume WeightNetto ExplosiveMass HazardIdentificationNumber UN Number RID Class ClassificationCode PackingGroup EmptyPackingCode LimitedQuantityIndicator |
| used by | element Goods |
| annotation | documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs |
| source | <pre> <xs:element name="RID" minOccurs="0" maxOccurs="50"> <xs:annotation> <xs:documentation>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

```
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ProperShippingName" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SpecialProvisionsRID" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Waste" type="xs:boolean" minOccurs="0"/>
      <xs:element name="SpecialProvisionsEnvironment" minOccurs="0">
        <xs:complexType>
          <xs:choice>
            <xs:element name="EnvironmentalHazardous" type="xs:boolean"/>
              <xs:element name="MarinePollutant" type="xs:boolean"/>
            </xs:choice>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ActionRequiredFromCarrier" minOccurs="0">
    <xs:annotation>
      <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
```

```
<xs:restriction base="xs:string">
  <xs:minLength value="1"/>
  <xs:maxLength value="350"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="HazardIdentificationNumber" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="2"/>
      <xs:maxLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="UN_Number" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:length value="4"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="RID_Class" minOccurs="0">
  <xs:annotation>
    <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
```

```
        <xs:maxLength value="4"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ClassificationCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation>
        <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4">
                <xs:annotation>
                    <xs:documentation>present only with class 1</xs:documentation>
                </xs:annotation>
            </xs:maxLength>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element name="EmptyPackingCode" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation>
        <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="01">
                <xs:annotation>
                    <xs:documentation>EMPTY PACKAGING</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="02">
                <xs:annotation>
                    <xs:documentation>EMPTY CONTAINER</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="03">
                <xs:annotation>
                    <xs:documentation>EMPTY IBC</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="04">
                <xs:annotation>
                    <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="05">
                <xs:annotation>
                    <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
                </xs:annotation>
            </xs:enumeration>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

```
</xs:enumeration>
<xs:enumeration value="06">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
    <xs:annotation>
        <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
    <xs:annotation>
        <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
    <xs:annotation>
        <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
    <xs:annotation>
        <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
    <xs:annotation>
        <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
    <xs:annotation>
        <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
    <xs:annotation>
        <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
    <xs:annotation>
        <xs:documentation>EMPTY VEHICLE</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
    <xs:annotation>
        <xs:documentation>EMPTY WAGON</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
    <xs:annotation>
        <xs:documentation>EMPTY RECEPTACLE 1e 1000L</xs:documentation>
    </xs:annotation>
</xs:enumeration>
```

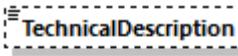
| | |
|--|--|
| | <pre> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element Wagons/GoodsInWagon/RID/Law

| diagram |  <p>The law after which the RID data are declared.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|-------------|------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>2013</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2015</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2017</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2019</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2021</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2023</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2025</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2027</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2029</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2031</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2033</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2035</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2037</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 2013 | | enumeration | 2015 | | enumeration | 2017 | | enumeration | 2019 | | enumeration | 2021 | | enumeration | 2023 | | enumeration | 2025 | | enumeration | 2027 | | enumeration | 2029 | | enumeration | 2031 | | enumeration | 2033 | | enumeration | 2035 | | enumeration | 2037 | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2023 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2025 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2027 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2029 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2031 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2033 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2035 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2037 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>The law after which the RID data are declared.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="Law"> <xs:annotation></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|--|
| | <pre> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> <xs:enumeration value="2021"/> <xs:enumeration value="2023"/> <xs:enumeration value="2025"/> <xs:enumeration value="2027"/> <xs:enumeration value="2029"/> <xs:enumeration value="2031"/> <xs:enumeration value="2033"/> <xs:enumeration value="2035"/> <xs:enumeration value="2037"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **Wagons/GoodsInWagon/RID/TechnicalDescription**

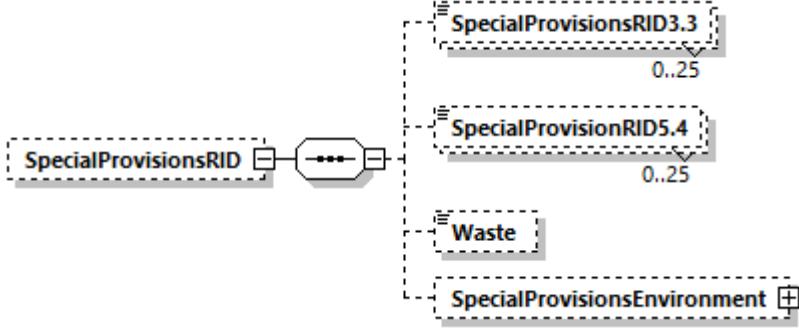
| diagram |  <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p> | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 350 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 350 | | | | | | | | | |
| annotation | <p>documentation</p> <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p> | | | | | | | | | |
| source | <pre> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

| | |
|--|---|
| | <pre></xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **Wagons/GoodsInWagon/RID/ProperShippingName**

| | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---------|--------|-----------|-----|--|
| diagram |  <p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 350 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 350 | | | | | | | | | |
| annotation | <p>documentation</p> <p>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</p> | | | | | | | | | |
| source | <pre><xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element Wagons/GoodsInWagon/RID/SpecialProvisionsRID

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | SpecialProvisionsRID3.3 SpecialProvisionRID5.4 Waste SpecialProvisionsEnvironment |
| source | <pre> <xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Waste" type="xs:boolean" minOccurs="0"/> <xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsRID3.3

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 25 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 5 |
| source | <pre><xs:element name="SpecialProvisionsRID3.3" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionRID5.4

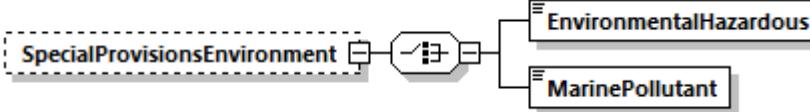
| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 25 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| source | <pre><xs:element name="SpecialProvisionRID5.4" minOccurs="0" maxOccurs="25"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element Wagons/GoodsInWagon/RID/SpecialProvisionsRID/Waste

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| source | <xs:element name="Waste" type="xs:boolean" minOccurs="0"/> |

element **Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | EnvironmentalHazardous MarinePollutant |
| source | <xs:element name="SpecialProvisionsEnvironment" minOccurs="0"> <xs:complexType> <xs:choice> <xs:element name="EnvironmentalHazardous" type="xs:boolean"/> <xs:element name="MarinePollutant" type="xs:boolean"/> </xs:choice> </xs:complexType> </xs:element> |

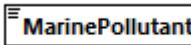
element

Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/EnvironmentalHazardous

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |

element

Wagons/GoodsInWagon/RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/MarinePollutant

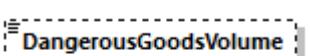
| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |

| | |
|--------|---|
| source | <code><xs:element name="MarinePollutant" type="xs:boolean"/></code> |
|--------|---|

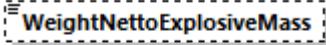
element Wagons/GoodsInWagon/RID/ActionRequiredFromCarrier

| diagram |  <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p> | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 350 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 350 | | | | | | | | | |
| annotation | documentation Special action required by the carrier according to chapter 5.4.1.2.5.2 RID | | | | | | | | | |
| source | <pre><xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

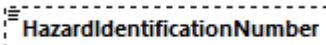
element Wagons/GoodsInWagon/RID/DangerousGoodsVolume

| | |
|------------|--|
| diagram |  <p>The volume of the dangerous goods in cubic meters</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | VolumeValue |
| properties | minOcc 0 maxOcc 1 content simple |
| used by | element SummaryOfGoodsWithSameRID |
| annotation | documentation The volume of the dangerous goods in cubic meters |
| source | <pre><xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre> |

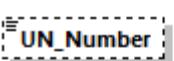
element **Wagons/GoodsInWagon/RID/WeightNettoExplosiveMass**

| diagram |  <p>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</p> | | | | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|--------|--|------------|----------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | WeightValueKilo | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 999999 | | whiteSpace | collapse | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | |
| maxInclusive | 999999 | | | | | | | | | | | | |
| whiteSpace | collapse | | | | | | | | | | | | |
| annotation | documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1). | | | | | | | | | | | | |
| source | <pre><xs:element name="WeightNettoExplosiveMass" type="WeightValueKilo" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

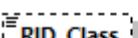
element **Wagons/GoodsInWagon/RID/HazardIdentificationNumber**

| diagram |  | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 2 | | maxLength | 4 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 2 | | | | | | | | | |
| maxLength | 4 | | | | | | | | | |
| source | <pre><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element Wagons/GoodsInWagon/RID/UN_Number

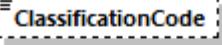
| | | | | | | | | | | |
|------------|--|------------|-------|------------|--------|---------|--------|---------|-------------|--|
| diagram |  | | | | | | | | | |
| | <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| used by | element SummaryOfGoodsWithSameRID | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>length</td><td>4</td><td></td></tr> <tr> <td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr> </table> | Kind | Value | Annotation | length | 4 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | |
| length | 4 | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | |
| annotation | <p>documentation</p> <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> | | | | | | | | | |
| source | <pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element Wagons/GoodsInWagon/RID/RID_Class

| | |
|-----------|---|
| diagram |  |
| | <p>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |

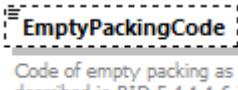
| | |
|------------|---|
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 4 |
| annotation | documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a. |
| source | <pre><xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element Wagons/GoodsInWagon/RID/ClassificationCode

| | |
|------------|--|
| diagram |  <p>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 4 documentation present only with class 1 |
| annotation | documentation The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes. documentation CODE: OTIF RID-Specification |
| source | <pre><xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre> |

| | |
|--|--|
| | <pre> <xs:maxLength value="4"> <xs:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

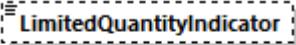
element Wagons/GoodsInWagon/RID/EmptyPackingCode

| diagram |  <p>Code of empty packing as described in RID 5.4.1.1.6.2</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|----|----------------------------------|-------------|----|----------------------------------|-------------|----|----------------------------|-------------|----|--|-------------|----|-------------------------------------|-------------|----|-----------------------------------|-------------|----|--|-------------|----|---|-------------|----|---------------------------------------|-------------|----|--------------------------------------|-------------|----|--|-------------|----|--------------------------------------|-------------|----|--|-------------|----|--------------------------------|-------------|----|------------------------------|-------------|----|--|-------------|----|--|-------------|----|------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td>documentation EMPTY PACKAGING</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation EMPTY CONTAINER</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation EMPTY IBC</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation EMPTY LARGE PACKAGING</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation EMPTY TANK-VEHICLE</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation EMPTY TANK-WAGON</td> </tr> <tr> <td>enumeration</td> <td>07</td> <td>documentation EMPTY DETACHABLE TANK</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation EMPTY DEMOUNTABLE TANK</td> </tr> <tr> <td>enumeration</td> <td>09</td> <td>documentation EMPTY TANK-CONTAINER</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation EMPTY PORTABLE TANK</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation EMPTY BATTERY-VEHICLE</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation EMPTY BATTERY-WAGON</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation EMPTY VEHICLE</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation EMPTY WAGON</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation EMPTY RECEPTACLE le 1000L</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation EMPTY RECEPTACLE gt 1000L</td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation EMPTY</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 01 | documentation EMPTY PACKAGING | enumeration | 02 | documentation EMPTY CONTAINER | enumeration | 03 | documentation EMPTY IBC | enumeration | 04 | documentation EMPTY LARGE PACKAGING | enumeration | 05 | documentation EMPTY TANK-VEHICLE | enumeration | 06 | documentation EMPTY TANK-WAGON | enumeration | 07 | documentation EMPTY DETACHABLE TANK | enumeration | 08 | documentation EMPTY DEMOUNTABLE TANK | enumeration | 09 | documentation EMPTY TANK-CONTAINER | enumeration | 10 | documentation EMPTY PORTABLE TANK | enumeration | 11 | documentation EMPTY BATTERY-VEHICLE | enumeration | 12 | documentation EMPTY BATTERY-WAGON | enumeration | 13 | documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS | enumeration | 14 | documentation EMPTY VEHICLE | enumeration | 15 | documentation EMPTY WAGON | enumeration | 16 | documentation EMPTY RECEPTACLE le 1000L | enumeration | 17 | documentation EMPTY RECEPTACLE gt 1000L | enumeration | 18 | documentation EMPTY |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation EMPTY PACKAGING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation EMPTY CONTAINER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation EMPTY IBC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation EMPTY LARGE PACKAGING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 05 | documentation EMPTY TANK-VEHICLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 06 | documentation EMPTY TANK-WAGON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 07 | documentation EMPTY DETACHABLE TANK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 08 | documentation EMPTY DEMOUNTABLE TANK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 09 | documentation EMPTY TANK-CONTAINER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation EMPTY PORTABLE TANK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation EMPTY BATTERY-VEHICLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | documentation EMPTY BATTERY-WAGON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | documentation EMPTY VEHICLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | documentation EMPTY WAGON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | documentation EMPTY RECEPTACLE le 1000L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 17 | documentation EMPTY RECEPTACLE gt 1000L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 18 | documentation EMPTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation Code of empty packing as described in RID 5.4.1.1.6.2</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

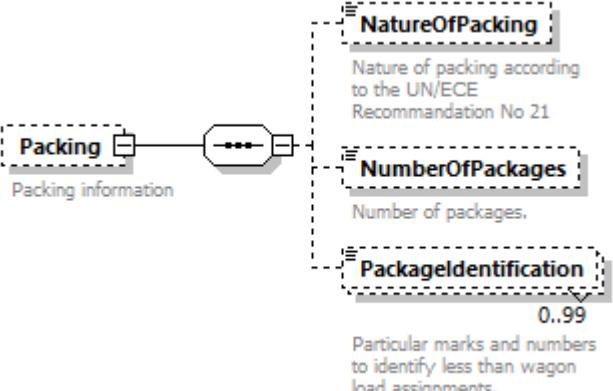
| | |
|--------|--|
| | <p>documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</p> |
| source | <pre> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>EMPTY PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>EMPTY CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>EMPTY IBC</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>EMPTY TANK-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

```
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  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>EMPTY VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
</xs:enumeration>
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    <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
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<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>EMPTY</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

element Wagons/GoodsInWagon/RID/LimitedQuantityIndicator

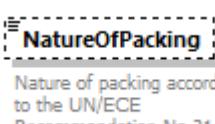
| | |
|------------|--|
| diagram |  |
| | Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID |
| source | <pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre> |

element Wagons/GoodsInWagon/Packing

| | |
|------------|--|
| diagram |  |
| | Nature of packing according to the UN/ECE Recommandation No 21 Number of packages. Particular marks and numbers to identify less than wagon load assignments. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | NatureOfPacking NumberOfPackages PackageIdentification |
| annotation | documentation Packing information |
| source | <pre><xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommandation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

| | |
|--|--|
| | <pre> 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|--|

element Wagons/GoodsInWagon/Packing/NatureOfPacking

| | |
|------------|---|
| diagram |  <p>Nature of packing according to the UN/ECE Recommandation No 21</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 2 |
| annotation | documentation Nature of packing according to the UN/ECE Recommandation No 21 documentation CODE: UN/ECE-Recommandation No. 21 |

| | |
|--------|--|
| source | <pre><xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|--|

element Wagons/GoodsInWagon/Packing/NumberOfPackages

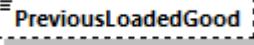
| diagram |  <p>Number of packages.</p> | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:int | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Number of packages.</p> | | | | | | | | | |
| source | <pre><xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element Wagons/GoodsInWagon/Packing/Packageldentification

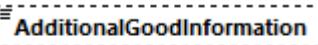
| | |
|-----------|--|
| diagram |  <p>0..99</p> <p>Particular marks and numbers to identify less than wagon load assignments.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |

| | |
|------------|--|
| properties | minOcc 0 maxOcc 99 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 35 |
| annotation | documentation Particular marks and numbers to identify less than wagon load assignments. |
| source | <pre><xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99"> <xs:annotation> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element Wagons/GoodsInWagon/PreviousLoadedGood

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | NHMCodeType |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation length 6 pattern \d*[1-9]\d* |
| source | <pre><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></pre> |

element Wagons/GoodsInWagon/AdditionalGoodInformation

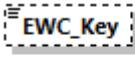
| | |
|------------|---|
| diagram |  Additional information regarding the loaded good, given by the customer. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 350 |
| annotation | documentation Additional information regarding the loaded good, given by the customer. |

| | |
|--------|--|
| source | <pre><xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|--|

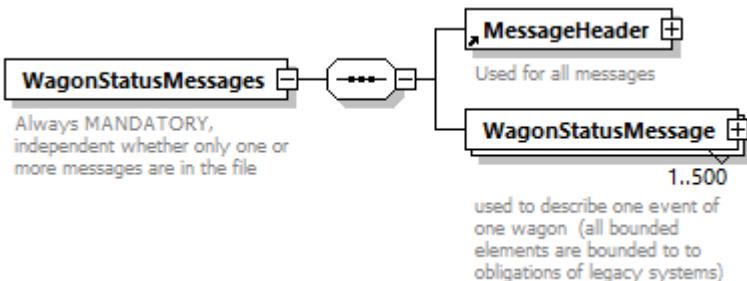
element Wagons/GoodsInWagon/HS_Code

| diagram |  <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p> | | | | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|--------|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td><td></td></tr> <tr> <td>maxOcc</td><td>1</td><td></td></tr> <tr> <td>content</td><td>simple</td><td></td></tr> </table> | minOcc | 0 | | maxOcc | 1 | | content | simple | | | | |
| minOcc | 0 | | | | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | | | | |
| content | simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th><th>Value</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>minLength</td><td>6</td><td></td></tr> <tr> <td>maxLength</td><td>10</td><td></td></tr> <tr> <td>pattern</td><td>\d*[1-9]\d*</td><td></td></tr> </tbody> </table> | Kind | Value | Annotation | minLength | 6 | | maxLength | 10 | | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 6 | | | | | | | | | | | | |
| maxLength | 10 | | | | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</p> | | | | | | | | | | | | |
| source | <pre><xs:element name="HS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | |

element **Wagons/GoodsInWagon/EWC_Key**

| | |
|------------|---|
| diagram |  Numeric key according to the European Waste Catalogue |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 2 maxLength 6 pattern \d* |
| annotation | documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC |
| source | <pre><xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **WagonStatusMessages**

| | |
|------------|---|
| diagram |  Always MANDATORY, independent whether only one or more messages are in the file |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | MessageHeader WagonStatusMessage |
| annotation | documentation Always MANDATORY, independent whether only one or more messages are in the file |

| | |
|--------|---|
| source | <pre> <xs:element name="WagonStatusMessages"> <xs:annotation> <xs:documentation>Always MANDATORY, independent whether only one or more messages are in the file </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element name="WagonStatusMessage" maxOccurs="500"> <xs:annotation> <xs:documentation>used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Wagon Status Message</xs:documentation> </xs:annotation> <xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:documentation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="WagonNumberFreight"/> <xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EventType"/> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> <xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> </pre> |
|--------|---|

```

        <xs:element name="EventLocation"
type="LocationIdent" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Location where the event
happend</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="Position" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Geo coordinates of the wagon
event location in WGS84 as used in the CRD</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Latitude"
type="xs:decimal"/>
                    <xs:element name="Longitude"
type="xs:decimal"/>
                </xs:sequence>
            </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element name="LoadingStatus" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Loading status of the equipment. 0=Empty,
1=Loaded</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:integer">
                <xs:enumeration value="0"/>
                <xs:enumeration value="1"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingLocation" type="LocationIdent"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Shipping Station ( TAF location code with
optional SLC type 42 or 36)</xs:documentation>
            <xs:documentation>use here the station code of the station
the wagon has started its transport run</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="DestinationLocation" type="LocationIdent"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Destination Station ( TAF location code
with optional SLC type 42 or 36)</xs:documentation>
            <xs:documentation>use here the station code of the station
the wagon shall terminate its transport run </xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="Train" minOccurs="0">

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="OperationalTrainNumberIdentifier">
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="OperationalTrainNumber"/>
          <xs:element ref="ScheduledTimeAtHandover"
minOccurs="0"/>
          <xs:element ref="ScheduledDateTimeAtTransfer"
minOccurs="0"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="TrainOperatingRU" type="CompanyCode"
minOccurs="0"/>
    <xs:element ref="TrainOperationalIdentification"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>TAF TrainID of the related
train</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="TrainDepartureDate" type="xs:date"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Out only: Departure Date of the
Train </xs:documentation>
        <xs:documentation>use here the date the train left
origin using this train number</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:sequence>
      <xs:complexType>
    </xs:element>
    <xs:element name="ConsignmentIdentification" minOccurs="0"
maxOccurs="unbounded">
      <xs:annotation>
        <xs:documentation>List of Identifications for the
consignment In order to identify the consignment(s) on the wagon, the
ControlLabel and or DossierNumber for each consignment must be present if
the wagon is loaded and the Consignment Note is already
available</xs:documentation>
        <xs:documentation>consignment note number (without carrier
(due to history))</xs:documentation>
      </xs:annotation>
      <xs:complexType>
        <xs:sequence>
          <xs:element name="ControlLabel" minOccurs="0">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="ShippingCountry">
                  <xs:annotation>
                    <xs:documentation>Forwarding UIC Country
Code</xs:documentation>
                  </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="2"/>

```

```

          <xs:annotation>
            <xs:documentation>= 2N = UIC country code
according to UIC leaflet 920-14</xs:documentation>
          </xs:annotation>
          </xs:length>
          <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingStationCode">
      <xs:annotation>
        <xs:documentation>UIC Code of the shipping
station</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="5"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingStationName"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Name of the shipping
station</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="24"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingCarrier"
type="CompanyCode" minOccurs="0">
      <xs:annotation>
        <xs:documentation>RICS Code of the RU who
created the consignment identification (not necessarily the first carrier in
the transport chain)</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="AcceptanceDate" type="xs:date"
minOccurs="0">
      <xs:annotation>
        <xs:documentation>Forwarding
Date</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ConsignmentNumber"
type="ConsignmentIdent"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="DossierNumber" type="xs:string"
minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

```
</xs:element>
<xs:element ref="Routing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Route information. Keep the sequence of each part of the route!</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CarriersInvolved" minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Carrier" maxOccurs="20">
                <xs:annotation>
                    <xs:documentation>Carrier(s) involved</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="RU" type="CompanyCode">
                            <xs:annotation>
                                <xs:documentation>Carrier (Railway Code)</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="WagonJourneyIrregularity" minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded">
                <xs:annotation>
                    <xs:documentation>List of Damage Codes according to description in GCU Appendix 9 Annex 1</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="DamageCodePosition1">
                            <xs:simpleType>
                                <xs:restriction base="xs:short">
                                    <xs:minInclusive value="1"/>
                                    <xs:maxInclusive value="99"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                        <xs:element name="DamageCodePosition2" minOccurs="0">
                            <xs:simpleType>
                                <xs:restriction base="xs:short">
                                    <xs:minInclusive value="1"/>
                                    <xs:maxInclusive value="99"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

| | |
|--|--|
| | <pre><xs:element name="DamageCodePosition3" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition4" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **WagonStatusMessages/WagonStatusMessage**

| | |
|------------|---|
| diagram | <p>WagonStatusMessage </p> <p>used to describe one event of one wagon (all bounded elements are bounded to to obligations of legacy systems)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 1 maxOcc 500 content complex |
| children | ReportingRU MessageCreationDateTime WagonNumberFreight Event LoadingStatus ShippingLocation DestinationLocation Train ConsignmentIdentification Routing CarriersInvolved WagonJourneyIrregularity |

| | <u>Destination</u> <u>Location</u> <u>Train</u> <u>Consignment</u> <u>Identification</u> <u>Routing</u> <u>Carriers</u> <u>Involved</u> <u>Wagon</u> <u>Journey</u> <u>Irregularity</u> |
|------------|---|
| annotation | documentation used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems) |
| source | <pre> <xs:element name="WagonStatusMessage" maxOccurs="500"> <xs:annotation> <xs:documentation>used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:annotation> <xs:documentation>Wagon Status Message</xs:documentation> </xs:annotation> <xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:annotation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="WagonNumberFreight"/> <xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EventType"/> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> <xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happened</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

```

        </xs:element>
        <xs:element name="Position" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Latitude" type="xs:decimal"/>
                    <xs:element name="Longitude" type="xs:decimal"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="LoadingStatus" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction base="xs:integer">
                    <xs:enumeration value="0"/>
                    <xs:enumeration value="1"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="ShippingLocation" type="LocationIdent" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Shipping Station ( TAF location code with optional SLC type 42 or 36)</xs:documentation>
                <xs:documentation>use here the station code of the station the wagon has started its transport run</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="DestinationLocation" type="LocationIdent" minOccurs="0">
            <xs:annotation>
                <xs:documentation>Destination Station ( TAF location code with optional SLC type 42 or 36)</xs:documentation>
                <xs:documentation>use here the station code of the station the wagon shall terminate its transport run </xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="Train" minOccurs="0">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="OperationalTrainNumberIdentifier">
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element ref="OperationalTrainNumber"/>
                                <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/>
                                <xs:element ref="ScheduledDateTimeAtTransfer">

```

```

minOccurs="0"/>
    </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element name="TrainOperatingRU" type="CompanyCode"
minOccurs="0"/>
    <xs:element ref="TrainOperationalIdentification" minOccurs="0">
        <xs:annotation>
            <xs:documentation>TAF TrainID of the related
train</xs:documentation>
        </xs:annotation>
        </xs:element>
        <xs:element name="TrainDepartureDate" type="xs:date"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Out only: Departure Date of the Train
</xs:documentation>
            <xs:documentation>use here the date the train left origin
using this train number</xs:documentation>
        </xs:annotation>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="ConsignmentIdentification" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>List of Identifications for the consignment In
order to identify the consignment(s) on the wagon, the ControlLabel and or
DossierNumber for each consignment must be present if the wagon is loaded
and the Consignment Note is already available</xs:documentation>
            <xs:documentation>consignment note number (without carrier (due to
history))</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="ControlLabel" minOccurs="0">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="ShippingCountry">
                                <xs:annotation>
                                    <xs:documentation>Forwarding UIC Country
Code</xs:documentation>
                                </xs:annotation>
                                <xs:simpleType>
                                    <xs:restriction base="xs:string">
                                        <xs:length value="2">
                                            <xs:annotation>
                                                <xs:documentation>= 2N = UIC country code
according to UIC leaflet 920-14</xs:documentation>
                                            </xs:annotation>
                                        </xs:length>
                                        <xs:pattern value="\d*[1-9]\d*"/>
                                    </xs:restriction>
                                </xs:simpleType>
                            </xs:element>
                            <xs:element name="ShippingStationCode">
                                <xs:annotation>

```

```

        <xs:documentation>UIC Code of the shipping
station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="5"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingStationName" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Name of the shipping
station</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="24"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ShippingCarrier" type="CompanyCode"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>RICS Code of the RU who created the
consignment identification (not necessarily the first carrier in the
transport chain)</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="AcceptanceDate" type="xs:date"
minOccurs="0">
        <xs:annotation>
            <xs:documentation>Forwarding Date</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="ConsignmentNumber"
type="ConsignmentIdent"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="DossierNumber" type="xs:string"
minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element ref="Routing" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Route information. Keep the sequence of each
part of the route!</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="CarriersInvolved" minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Carrier" maxOccurs="20">
                <xs:annotation>
                    <xs:documentation>Carrier(s) involved</xs:documentation>

```

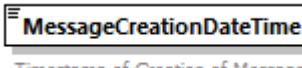
```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="RU" type="CompanyCode">
      <xs:annotation>
        <xs:documentation>Carrier (Railway
Code)</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element ref="CarrierStatus" minOccurs="0"/>
  </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="WagonJourneyIrregularity" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DamageCodes" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>List of Damage Codes according to
description in GCU Appendix 9 Annex 1</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DamageCodePosition1">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DamageCodePosition2" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DamageCodePosition3" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DamageCodePosition4" minOccurs="0">
              <xs:simpleType>
                <xs:restriction base="xs:short">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

| | |
|--|---|
| | <pre> </xs:element> <xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

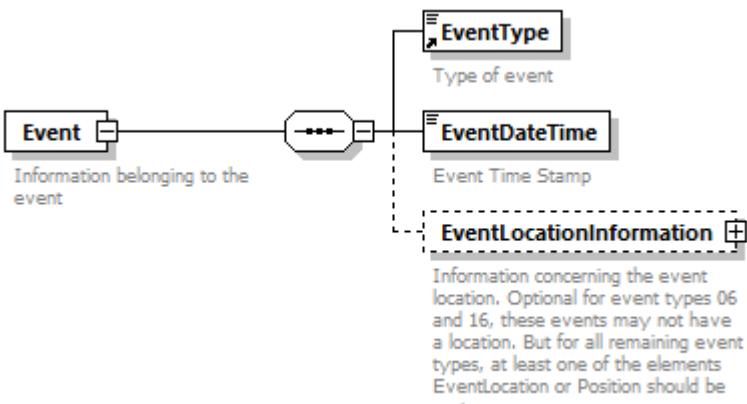
element **WagonStatusMessages/WagonStatusMessage/ReportingRU**

| diagram | | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Company (RICS) Code of the RU who is reporting the event</p> | | | | | | | | | | | | |
| source | <pre> <xs:element name="ReportingRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Company (RICS) Code of the RU who is reporting the event</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | | | | |

element **WagonStatusMessages/WagonStatusMessage/MessageCreationDateTime**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | <p>documentation Timestamp of Creation of Message documentation</p> <p>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</p> |
| source | <pre><xs:element name="MessageCreationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Timestamp of Creation of Message</xs:documentation> <xs:documentation>the timestamp is created by the originally sending RU, it remains unchanged, when forwarded by the central ISR application</xs:documentation> </xs:annotation> </xs:element></pre> |

element **WagonStatusMessages/WagonStatusMessage/Event**

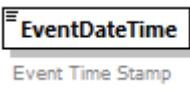
| | |
|------------|--|
| diagram |  <p>The diagram illustrates the structure of the Event element. It consists of three main components: EventType, EventDateTime, and EventLocationInformation. The Event element has a solid line connecting it to EventType. There is a dashed line connecting Event to EventDateTime. A dashed box encloses EventLocationInformation, which is connected to Event by a dashed line.</p> <p>Information belonging to the event</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | EventType EventDateTime EventLocationInformation |
| annotation | <p>documentation</p> <p>Information belonging to the event</p> |
| source | <pre><xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging to the event</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="EventType"/> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

```

        </xs:annotation>
    </xs:element>
    <xs:element name="EventLocationInformation" minOccurs="0">
        <xs:annotation>
            <xs:documentation>Information concerning the event location.
Optional for event types 06 and 16, these events may not have a location.
But for all remaining event types, at least one of the elements
EventLocation or Position should be sent</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element name="EventLocation" type="LocationIdent"
minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Location where the event
happend</xs:documentation>
                    </xs:annotation>
                </xs:element>
                <xs:element name="Position" minOccurs="0">
                    <xs:annotation>
                        <xs:documentation>Geo coordinates of the wagon event
location in WGS84 as used in the CRD</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="Latitude" type="xs:decimal"/>
                            <xs:element name="Longitude" type="xs:decimal"/>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **WagonStatusMessages/WagonStatusMessage/Event/EventDateTime**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:dateTime |
| properties | content simple |
| annotation | documentation Event Time Stamp |
| source | <pre> <xs:element name="EventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Event Time Stamp </xs:documentation> </xs:annotation> </xs:element> </pre> |

element **WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation**

| | |
|------------|--|
| diagram | <p>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | EventLocation Position |
| annotation | <p>documentation</p> <p>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</p> |
| source | <pre><xs:element name="EventLocationInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Information concerning the event location. Optional for event types 06 and 16, these events may not have a location. But for all remaining event types, at least one of the elements EventLocation or Position should be sent</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happened</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLocation

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | <u>LocationIdent</u> |
| properties | minOcc 0 maxOcc 1 content complex |
| children | <u>CountryCodeISO</u> <u>LocationPrimaryCode</u> <u>PrimaryLocationName</u> <u>LocationSubsidiaryIdentification</u> |
| annotation | documentation Location where the event happend |
| source | <pre><xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happend</xs:documentation> </xs:annotation> </xs:element></pre> |

element WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | <u>Latitude</u> <u>Longitude</u> |
| annotation | documentation Geo coordinates of the wagon event location in WGS84 as used in the CRD |
| source | <pre><xs:element name="Position" minOccurs="0"> <xs:annotation> <xs:documentation>Geo coordinates of the wagon event location in WGS84 as used in the CRD</xs:documentation> </xs:annotation> <xs:complexType></pre> |

| | |
|--|--|
| | <pre><xs:sequence> <xs:element name="Latitude" type="xs:decimal"/> <xs:element name="Longitude" type="xs:decimal"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position/Latitude

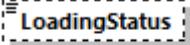
| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:decimal |
| properties | content simple |
| used by | element GeographicCoordinates |
| source | <code><xs:element name="Latitude" type="xs:decimal"/></code> |

element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position/Longitude

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:decimal |
| properties | content simple |
| used by | element GeographicCoordinates |
| source | <code><xs:element name="Longitude" type="xs:decimal"/></code> |

element WagonStatusMessages/WagonStatusMessage>LoadingStatus

| | |
|------------|--|
| diagram |  Loading status of the equipment. 0=Empty, 1=Loaded |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | minOcc 0 maxOcc 1 content simple |
| used by | elements ILU Details ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails WagonInformation |
| facets | Kind Value Annotation enumeration 0 enumeration 1 |

| | |
|------------|---|
| annotation | documentation Loading status of the equipment. 0=Empty, 1=Loaded |
| source | <pre><xs:element name="LoadingStatus" minOccurs="0"> <xs:annotation> <xs:documentation>Loading status of the equipment. 0=Empty, 1=Loaded</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **WagonStatusMessages/WagonStatusMessage/ShippingLocation**

| | |
|------------|--|
| diagram | <pre> classDiagram class ShippingLocation { <<LocationIdent>> <<TAF location code with optional SLC type 42 or 36>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode { <<Location Name in an officiation language of the Country using the ISO Unicode alphabet>> } class PrimaryLocationName { <<Location Name in an officiation language of the Country using the ISO Unicode alphabet>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } ShippingLocation "0..1" *-- "1..1" CountryCodeISO ShippingLocation "0..1" *-- "1..1" LocationPrimaryCode ShippingLocation "0..1" *-- "1..1" PrimaryLocationName ShippingLocation "0..1" *-- "1..1" LocationSubsidiaryIdentification </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | minOcc 0 maxOcc 1 content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation Shipping Station (TAF location code with optional SLC type 42 or 36)</p> <p>documentation use here the station code of the station the wagon has started its transport run</p> |
| source | <pre><xs:element name="ShippingLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Shipping Station (TAF location code with optional SLC type 42 or 36)</xs:documentation> <xs:documentation>use here the station code of the station the wagon has started its transport run</xs:documentation> </xs:annotation> </xs:element></pre> |

element **WagonStatusMessages/WagonStatusMessage/DestinationLocation**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LocationIdent |
| properties | minOcc 0 maxOcc 1 content complex |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| annotation | <p>documentation Destination Station (TAF location code with optional SLC type 42 or 36)</p> <p>documentation use here the station code of the station the wagon shall terminate its transport run</p> |
| source | <pre><xs:element name="DestinationLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Destination Station (TAF location code with optional SLC type 42 or 36)</xs:documentation> <xs:documentation>use here the station code of the station the wagon shall terminate its transport run </xs:documentation> </xs:annotation> </xs:element></pre> |

element **WagonStatusMessages/WagonStatusMessage/Train**

| | |
|-----------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

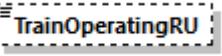
| | |
|------------|---|
| properties | minOcc 0 maxOcc 1 content complex |
| children | OperationalTrainNumberIdentifier TrainOperatingRU TrainOperationalIdentification TrainDepartureDate |
| source | <pre> <xs:element name="Train" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"> <xs:annotation> <xs:documentation>TAF TrainID of the related train</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TrainDepartureDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Out only: Departure Date of the Train</xs:documentation> </xs:annotation> </xs:element> <xs:annotation> <xs:documentation>use here the date the train left origin using this train number</xs:documentation> </xs:annotation> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier**

| | |
|------------|---|
| diagram | <p>The diagram illustrates the structure of the OperationalTrainNumberIdentifier element. It consists of three components: OperationalTrainNumber, ScheduledTimeAtHandover, and ScheduledDateTimeAtTransfer. The OperationalTrainNumberIdentifier class is shown with a solid line connecting it to each of the three components. The OperationalTrainNumber component is described as identifying the train for traffic management purposes by the Dispatcher, GSMR services, etc. The ScheduledTimeAtHandover component is described as the referenced date and time of departure or entrance at the border between two different IMs. The ScheduledDateTimeAtTransfer component is described as the referenced date and time of arrival or exit at the border between two different IMs.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer |

| | |
|---------|--|
| used by | elements AffectedLocation AffectedSection ChangeofTrackMessage ReferenceOTN TrainAtLocation TrainCompositionMessage TrainDelayCauseMessage TrainJourneyModificationMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage |
| source | <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumber"/> <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/> <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> |

element **WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| source | <xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/> |

element **WagonStatusMessages/WagonStatusMessage/Train/TrainDepartureDate**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Out only: Departure Date of the Train documentation use here the date the train left origin using this train number |
| source | <xs:element name="TrainDepartureDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Out only: Departure Date of the Train </xs:documentation> <xs:documentation>use here the date the train left origin using this train number</xs:documentation> </xs:annotation> |

| | |
|--|---------------|
| | </xs:element> |
|--|---------------|

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification**

| | |
|------------|---|
| diagram | <pre> sequenceDiagram participant CI as ConsignmentIdentification participant CL as ControlLabel participant DN as DossierNumber CI->>CL: CI-->>DN: Note over CI: 0..∞ </pre> <p>List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc unbounded content complex |
| children | ControlLabel DossierNumber |
| annotation | <p>documentation</p> <p>List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available</p> <p>documentation</p> <p>consignment note number (without carrier (due to history))</p> |
| source | <pre> <xs:element name="ConsignmentIdentification" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of Identifications for the consignment In order to identify the consignment(s) on the wagon, the ControlLabel and or DossierNumber for each consignment must be present if the wagon is loaded and the Consignment Note is already available</xs:documentation> <xs:documentation>consignment note number (without carrier (due to history))</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ControlLabel" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="ShippingCountry"> <xs:annotation> <xs:documentation>Forwarding UIC Country Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"> <xs:annotation> <xs:documentation>= 2N = UIC country code according to UIC leaflet 920-14</xs:documentation> </xs:annotation> </xs:length> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |

```
</xs:simpleType>
</xs:element>
<xs:element name="ShippingStationCode">
    <xs:annotation>
        <xs:documentation>UIC Code of the shipping
station</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ShippingStationName" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of the shipping
station</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="24"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="ShippingCarrier" type="CompanyCode"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>RICS Code of the RU who created the
consignment identification (not necessarily the first carrier in the
transport chain)</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="AcceptanceDate" type="xs:date" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Forwarding Date</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ConsignmentNumber" type="ConsignmentIdent"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="DossierNumber" type="xs:string" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel**

| | |
|------------|--|
| diagram | <pre> classDiagram class ControlLabel class ShippingCountry class ShippingStationCode class ShippingStationName class ShippingCarrier class AcceptanceDate class ConsignmentNumber ControlLabel *--> ShippingCountry ControlLabel *--> ShippingStationCode ControlLabel *--> ShippingStationName ControlLabel *--> ShippingCarrier ControlLabel *--> AcceptanceDate ControlLabel ---> ConsignmentNumber </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | ShippingCountry ShippingStationCode ShippingStationName ShippingCarrier AcceptanceDate ConsignmentNumber |
| source | <pre> <xss:element name="ControlLabel" minOccurs="0"> <xss:complexType> <xss:sequence> <xss:element name="ShippingCountry"> <xss:annotation> <xss:documentation>Forwarding UIC Country Code</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:string"> <xss:length value="2"> <xss:annotation> <xss:documentation>= 2N = UIC country code according to UIC leaflet 920-14</xss:documentation> </xss:annotation> </xss:length> <xss:pattern value="\d*[1-9]\d*"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element name="ShippingStationCode"> <xss:annotation> <xss:documentation>UIC Code of the shipping station</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:string"> </pre> |

| | |
|--|---|
| | <pre> <xs:minLength value="1"/> <xsmaxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShippingStationName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xsmaxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShippingCarrier" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AcceptanceDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Forwarding Date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ConsignmentNumber" type="ConsignmentIdent"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCountry

| | | | | | | | | | | | | | |
|------------|--|---|-------|------------|--------|---|---------------|--|--|---|---------|-------------|--|
| diagram |  <p>Forwarding UIC Country Code</p> | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>length</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>= 2N = UIC country code according to UIC leaflet 920-14</td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </table> | Kind | Value | Annotation | length | 2 | documentation | | | = 2N = UIC country code according to UIC leaflet 920-14 | pattern | \d*[1-9]\d* | |
| Kind | Value | Annotation | | | | | | | | | | | |
| length | 2 | documentation | | | | | | | | | | | |
| | | = 2N = UIC country code according to UIC leaflet 920-14 | | | | | | | | | | | |
| pattern | \d*[1-9]\d* | | | | | | | | | | | | |
| annotation | documentation Forwarding UIC Country Code | | | | | | | | | | | | |
| source | <pre> <xs:element name="ShippingCountry"> <xs:annotation> <xs:documentation>Forwarding UIC Country Code</xs:documentation> </xs:annotation> </pre> | | | | | | | | | | | | |

| | |
|--|--|
| | <pre> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"> <xs:annotation> <xs:documentation>= 2N = UIC country code according to UIC leaflet 920-14</xs:documentation> </xs:annotation> </xs:length> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStationCode

| diagram | ShippingStationCode UIC Code of the shipping station | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 5 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 5 | | | | | | | | | |
| annotation | documentation UIC Code of the shipping station | | | | | | | | | |
| source | <pre> <xs:element name="ShippingStationCode"> <xs:annotation> <xs:documentation>UIC Code of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStationName

| | |
|-----------|---|
| diagram | ShippingStationName Name of the shipping station |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |

| | |
|------------|---|
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 1 maxLength 24 |
| annotation | documentation Name of the shipping station |
| source | <pre><xs:element name="ShippingStationName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the shipping station</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCarrier

| | |
|------------|---|
| diagram |  <p>RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | CompanyCode |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4} |
| annotation | documentation RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain) |
| source | <pre><xs:element name="ShippingCarrier" type="CompanyCode" minOccurs="0"> <xs:annotation> <xs:documentation>RICS Code of the RU who created the consignment identification (not necessarily the first carrier in the transport chain)</xs:documentation> </xs:annotation> </xs:element></pre> |

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/AcceptanceD

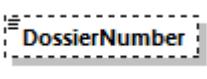
ate

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:date |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Forwarding Date |
| source | <pre><xs:element name="AcceptanceDate" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Forwarding Date</xs:documentation> </xs:annotation> </xs:element></pre> |

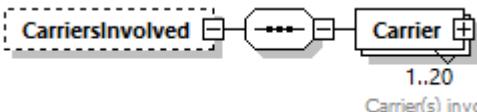
element**WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ConsignmentNumber**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | ConsignmentIdent |
| properties | content complex |
| used by | element WIMO Dataset/ConsignmentLevelData |
| source | <pre><xs:element name="ConsignmentNumber" type="ConsignmentIdent"/></pre> |

element WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/DossierNumber

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| source | <pre><xs:element name="DossierNumber" type="xs:string" minOccurs="0"/></pre> |

element WagonStatusMessages/WagonStatusMessage/CarriersInvolved

| | |
|---------|---|
| diagram |  |
|---------|---|

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | Carrier |
| source | <pre><xs:element name="CarriersInvolved" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="Carrier" maxOccurs="20"> <xs:annotation> <xs:documentation>Carrier(s) involved</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CarrierStatus" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier**

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 1 maxOcc 20 content complex |
| children | RU CarrierStatus |
| annotation | documentation Carrier(s) involved |

| | |
|--------|--|
| source | <pre><xs:element name="Carrier" maxOccurs="20"> <xs:annotation> <xs:documentation>Carrier(s) involved</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="CarrierStatus" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--------|--|

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier/RU**

| diagram |  | | | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|---|--|---------|-------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | CompanyCode | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 4 | | maxLength | 4 | | pattern | [0-9A-Z]{4} | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minLength | 4 | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | |
| pattern | [0-9A-Z]{4} | | | | | | | | | | | | |
| annotation | documentation Carrier (Railway Code) | | | | | | | | | | | | |
| source | <pre><xs:element name="RU" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier (Railway Code)</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity**

| | |
|------------|--|
| diagram | <pre> classDiagram class WagonJourneyIrregularity { <> DamageCodes <> IsAbleToRun } class DamageCodes { +<> 0..infinity } class IsAbleToRun { +<> 0..1 } WagonJourneyIrregularity "0..1" -- "0..infinity" DamageCodes WagonJourneyIrregularity "0..1" -- "0..1" IsAbleToRun </pre> <p>Detailed description: The diagram shows a UML class named 'WagonJourneyIrregularity' which is a complex type. It has two associations: one to 'DamageCodes' with multiplicity '0..infinity' and another to 'IsAbleToRun' with multiplicity '0..1'. The 'DamageCodes' class is enclosed in a dashed box and contains a plus sign icon. The 'IsAbleToRun' class is also enclosed in a dashed box.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc 1 content complex |
| children | DamageCodes IsAbleToRun |
| source | <pre> <xs:element name="WagonJourneyIrregularity" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of Damage Codes according to description in GCU Appendix 9 Annex 1</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DamageCodePosition1"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition2" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition3" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageCodePosition4" minOccurs="0"> </pre> |

| | |
|--|---|
| | <pre> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes**

| | | | | | | | |
|------------|--|--------|---|--------|-----------|---------|---------|
| diagram | <p>Diagram illustrating the structure of the 'DamageCodes' element. It shows a list of damage codes (0 to infinity) where each code is represented by a position (1 to 4) and a status ('old' or 'new').</p> | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| properties | <table border="1"> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> <tr> <td>content</td><td>complex</td></tr> </table> | minOcc | 0 | maxOcc | unbounded | content | complex |
| minOcc | 0 | | | | | | |
| maxOcc | unbounded | | | | | | |
| content | complex | | | | | | |
| children | DamageCodePosition1 DamageCodePosition2 DamageCodePosition3 DamageCodePosition4 DamageOldOrNew | | | | | | |
| annotation | <p>documentation</p> <p>List of Damage Codes according to description in GCU Appendix 9 Annex 1</p> | | | | | | |
| source | <pre> <xs:element name="DamageCodes" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>List of Damage Codes according to description in GCU Appendix 9 Annex 1</xs:documentation> </xs:annotation> </pre> | | | | | | |

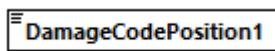
```

</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="DamageCodePosition1">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageCodePosition2" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageCodePosition3" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageCodePosition4" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="99"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DamageOldOrNew" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:short">
          <xs:enumeration value="0"/>
          <xs:enumeration value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

element

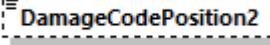
WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition1

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| type | restriction of xs:short |
| properties | content simple |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99 |
| source | <pre><xs:element name="DamageCodePosition1"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

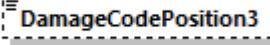
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition2

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:short |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99 |
| source | <pre><xs:element name="DamageCodePosition2" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element

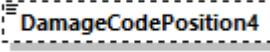
WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition3

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:short |
| properties | minOcc 0 maxOcc 1 content simple |

| | |
|--------|---|
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99 |
| source | <pre><xs:element name="DamageCodePosition3" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

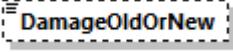
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition4

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:short |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99 |
| source | <pre><xs:element name="DamageCodePosition4" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

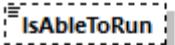
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageOldOrNew

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:short |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation enumeration 0 enumeration 1 |

| | |
|--------|---|
| source | <pre><xs:element name="DamageOldOrNew" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:short"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|---|

element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/IsAbleToRun**

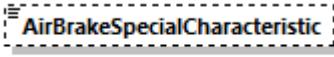
| | |
|------------|---|
| diagram |  <p>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, ...)</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, ...) |
| source | <pre><xs:element name="IsAbleToRun" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, . . .</xs:documentation> </xs:annotation> </xs:element></pre> |

element **WagonTechData**

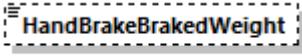
| | |
|-----------|--|
| diagram | <pre> graph LR WD[WagonTechData] --- LOB[LengthOverBuffers] WD --- WNA[WagonNumberOfAxles] WD --- ABT[AirBrakeType] WD --- BPVD[BrakingPowerVariationDevice] WD --- ASCH[AirBrakeSpecialCharacteristic] WD --- HBT[HandBrakeType] WD --- HBBW[HandBrakeBrakedWeight] WD --- PBF[ParkingBrakeForce] WD --- NLG[NormalLoadingGauge] WD --- CT[CouplingType] WD --- WWE[WagonWeightEmpty] WD --- TR[TechnicalRestrictions] </pre> <p>This element shows the wagon relevant technical data for the wagons within a running train</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|---|
| properties | content complex |
| children | LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty TechnicalRestrictions |
| used by | element WagonData |
| annotation | documentation This element shows the wagon relevant technical data for the wagons within a running train |
| source | <pre> <xs:element name="WagonTechData"> <xs:annotation> <xs:documentation>This element shows the wagon relevant technical data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LengthOverBuffers"/> <xs:element ref="WagonNumberOfAxles"/> <xs:element ref="AirBrakeType" minOccurs="0"/> <xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/> <xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="HandBrakeType" minOccurs="0"/> <xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> <xs:element ref="NormalLoadingGauge" minOccurs="0"/> <xs:element ref="CouplingType" minOccurs="0"/> <xs:element ref="WagonWeightEmpty"/> <xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **WagonTechData/AirBrakeSpecialCharacteristic**

| | |
|------------|---|
| diagram |  Coding in 404-2, chapter 1.8 |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 9 |
| annotation | documentation Coding in 404-2, chapter 1.8 |
| source | <pre><xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

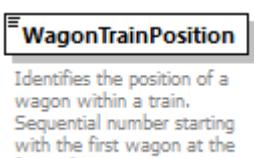
element **WagonTechData/HandBrakeBrakedWeight**

| | |
|------------|--|
| diagram |  Coding in 404-2, chapter 1.7 |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation minInclusive 000 maxInclusive 999 |
| annotation | documentation Coding in 404-2, chapter 1.7 |
| source | <pre><xs:element name="HandBrakeBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **WagonTechData/TechnicalRestrictions**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | Numeric2-2 |
| properties | minOcc 0 maxOcc 6 content simple |
| facets | Kind Value Annotation minInclusive 01 maxInclusive 99 |
| source | <pre><xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/></pre> |

element **WagonTrainPosition**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | content simple |
| used by | element WagonData |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 999 |
| annotation | documentation Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1. |
| source | <pre><xs:element name="WagonTrainPosition"> <xs:annotation> <xs:documentation>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

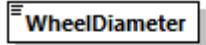
element **WagonWeightEmpty**

| diagram |  WagonWeightEmpty The weight of an empty wagon according to the entry in the rolling stock database | | | | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|--------|--|------------|----------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | WeightValueKilo | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| used by | elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 999999 | | whiteSpace | collapse | |
| Kind | Value | Annotation | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | |
| maxInclusive | 999999 | | | | | | | | | | | | |
| whiteSpace | collapse | | | | | | | | | | | | |
| annotation | documentation The weight of an empty wagon according to the entry in the rolling stock database | | | | | | | | | | | | |
| source | <pre><xs:element name="WagonWeightEmpty" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of an empty wagon according to the entry in the rolling stock database</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | | | | |

element **WeightOfSetOfCarriages**

| diagram |  WeightOfSetOfCarriages The calculated maximum weight of all carriages without the traction | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|---|--|--------------|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | WeightValueTonne | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| used by | element PlannedTrainTechnicalData | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| annotation | documentation The calculated maximum weight of all carriages without the traction | | | | | | | | | |
| source | <pre><xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"> <xs:annotation> <xs:documentation>The calculated maximum weight of all carriages without the traction</xs:documentation> </xs:annotation> </xs:element></pre> | | | | | | | | | |

element **WheelDiameter**

| | |
|------------|---|
| diagram |  WheelDiameter Diameter of wheels measured in mm. Reference wheel diameter at maximum. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| used by | element RollingStockDataset/DesignDataSet |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 9999 |
| annotation | documentation Diameter of wheels measured in mm. Reference wheel diameter at maximum. |
| source | <pre><xs:element name="WheelDiameter"> <xs:annotation> <xs:documentation>Diameter of wheels measured in mm. Reference wheel diameter at maximum.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **WheelsetGauge**

| | |
|------------|--|
| diagram |  WheelsetGauge Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| used by | element RollingStockDataset/DesignDataSet |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 9999 |
| annotation | documentation Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge |
| source | <pre><xs:element name="WheelsetGauge"> <xs:annotation></pre> |

| | |
|--|--|
| | <pre> <xs:documentation>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **Width**

| | |
|------------|---|
| diagram | <p>Width of ITU</p> |
| namespace | http://www.era.europa.eu/schemas/TAFTSI/3.4 |
| properties | content complex |
| children | Value Measure |
| used by | element Dimensions complexType DimensionValue |
| annotation | documentation Width of ITU |
| source | <pre> <xs:element name="Width"> <xs:annotation> <xs:documentation>Width of ITU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Value"/> <xs:element ref="Measure"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element **WIMO_Dataset**

| | |
|------------|---|
| diagram | <p>Comment describing your root element</p> |
| namespace | http://www.era.europa.eu/schemas/TAFTSI/3.4 |
| properties | content complex |
| children | ConsignmentLevelData EventLevelData RollingStockDataset |

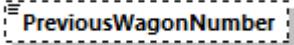
| | |
|------------|--|
| annotation | documentation Comment describing your root element |
| source | <pre> <xs:element name="WIMO_Dataset"> <xs:annotation> <xs:documentation>Comment describing your root element</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="RollingStockDataset"/> </xs:sequence> </xs:complexType> </xs:element> </pre> |

element WIMO_Dataset/ConsignmentLevelData

| | |
|-----------|--|
| diagram | <pre> classDiagram class ConsignmentLevelData { Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU } class Customer class ConsignmentNumber class Goods class AgreedTimeOfDelivery class Destination class WagonInformation class ContractNumber class DangerousGoodsIndication class SpecialTreatments class PreviousWagonNumber class PreviousConsignmentNumber class NextIntermediateDestination class PreviousResponsibleRU class NextResponsibleRU ConsignmentLevelData "1..2" Customer ConsignmentLevelData "1..2" ConsignmentNumber ConsignmentLevelData "1..2" Goods ConsignmentLevelData "1..2" AgreedTimeOfDelivery ConsignmentLevelData "1..2" Destination ConsignmentLevelData "1..2" WagonInformation ConsignmentLevelData "1..2" ContractNumber ConsignmentLevelData "1..2" DangerousGoodsIndication ConsignmentLevelData "1..2" SpecialTreatments ConsignmentLevelData "1..2" PreviousWagonNumber ConsignmentLevelData "1..2" PreviousConsignmentNumber ConsignmentLevelData "*" NextIntermediateDestination ConsignmentLevelData "*" PreviousResponsibleRU ConsignmentLevelData "*" NextResponsibleRU </pre> <p>The diagram illustrates the structure of the WIMO_Dataset/ConsignmentLevelData element. It consists of a central ConsignmentLevelData object (represented by a rectangle with a dashed border) associated with several other objects via lines with diamond endpoints. The associated objects are:</p> <ul style="list-style-type: none"> Customer: Consignor or Consignee (multiplicity 1..2) ConsignmentNumber: Reference number assigned to a consignment by a lead RU (multiplicity 1..2) Goods: Describes the goods inside the means of transport (multiplicity 1..2) AgreedTimeOfDelivery: The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer... (multiplicity 1..2) Destination: Destination Location (multiplicity 1..2) WagonInformation: This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon (multiplicity 1..2) ContractNumber: Number of agreement between LeadRU and Responsible RU (multiplicity 1..2) DangerousGoodsIndication: Identifies dangerous goods (multiplicity 1..2) SpecialTreatments: Special treatment (multiplicity 1..2) PreviousWagonNumber: (multiplicity 1..2) PreviousConsignmentNumber: This element shows the previous Reference number assigned to a consignment by a lead RU (multiplicity 1..2) NextIntermediateDestination: Identifies next stopping point on the route of a train (multiplicity *) PreviousResponsibleRU: This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point (multiplicity *) NextResponsibleRU: The RU who is responsible for the train operation on the next journey section. (multiplicity *) |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

| | |
|------------|--|
| properties | content complex |
| children | Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU |
| source | <pre><xs:element name="ConsignmentLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="Customer" maxOccurs="2"/> <xs:element ref="ConsignmentNumber"/> <xs:element ref="Goods"/> <xs:element ref="AgreedTimeOfDelivery"/> <xs:element ref="Destination"/> <xs:element ref="WagonInformation"/> <xs:element ref="ContractNumber" minOccurs="0"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element ref="SpecialTreatments" minOccurs="0"/> <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/> <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="NextIntermediateDestination"/> <xs:element ref="PreviousResponsibleRU"/> <xs:element ref="NextResponsibleRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **WIMO_Dataset/ConsignmentLevelData/PreviousWagonNumber**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | WagonIdent |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation maxLength 12 pattern [0-9]{12} |
| source | <pre><xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/></pre> |

element **WIMO_Dataset/EventLevelData**

| | |
|------------|--|
| diagram | <p>WagonEventInformation + This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p>VesselIndication + This element identifies to which extent the transportation unit is used</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | WagonEventInformation VesselIndication |
| source | <pre><xs:element name="EventLevelData"> <xs:complexType> <xs:sequence> <xs:element ref="WagonEventInformation"/> <xs:element ref="VesselIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **YardArrival**

| | |
|------------|--|
| diagram | <p>YardArrival + The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p> <p>Location + Identifies a Location using a LocationIdent</p> <p>ArrivalTimeAtLocationActual + The actual arrival date and time at the defined location</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location ArrivalTimeAtLocationActual |
| annotation | documentation The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider |
| source | <pre><xs:element name="YardArrival"> <xs:annotation> <xs:documentation>The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ArrivalTimeAtLocationActual"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **YardDeparture**

| | |
|------------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | Location DepartureTimeAtLocation |
| annotation | <p>documentation</p> <p>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p> |
| source | <pre><xs:element name="YardDeparture"> <xs:annotation> <xs:documentation>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element></pre> |

complexType **CargoCodeType**

| diagram | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | extension of FreeText | | | | | | | | | |
| properties | base FreeText | | | | | | | | | |
| facets | <table> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>255</td> <td></td> </tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 255 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 255 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Identification of the Cargo and the nomenclature used</p> | | | | | | | | | |
| source | <pre><xs:complexType name="CargoCodeType"> <xs:annotation> <xs:documentation>Identification of the Cargo and the nomenclature used</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="FreeText"/> </xs:simpleContent> </xs:complexType></pre> | | | | | | | | | |

complexType **CompositIdentifierOperationalType**

| | |
|------------|---|
| diagram | <pre> classDiagram class CompositIdentifierOperationalType { <<Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.>> } class ObjectType { <<Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR), Path Request (PR), Capacity Needs Announcements (CN), Capacity Model (CM), Catalogue Path (CP)>> } class Company { <<Identifies a railway company (RU or IM)>> } class Core { <<It is the main part of identifier and is determined by the company that creates it.>> } class Variant { <<The variant shows a relationship between two identifiers referring to the same business case>> } class TimetableYear { <<Refers to the timetable period in which the business will be carried out>> } class StartDate { <<Is only used in the operational phase and refers to the date where the single train will start the train journey>> } CompositIdentifierOperationalType < --> ObjectType CompositIdentifierOperationalType < --> Company CompositIdentifierOperationalType < --> Core CompositIdentifierOperationalType < --> Variant CompositIdentifierOperationalType < --> TimetableYear CompositIdentifierOperationalType < --> StartDate </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| children | ObjectType Company Core Variant TimetableYear StartDate |
| used by | elements RelatedTransportOperationalIdentifiers TrainID TransportOperationalIdentifiers |
| annotation | documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference. |
| source | <pre> <xss:complexType name="CompositIdentifierOperationalType"> <xss:annotation> <xss:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xss:documentation> </xss:annotation> <xss:sequence> <xss:element ref="ObjectType"/> <xss:element ref="Company"/> <xss:element ref="Core"/> <xss:element ref="Variant"/> </xss:sequence> </xss:complexType> </pre> |

| | |
|--|---|
| | <pre> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate"> <xs:annotation> <xs:documentation>Is only used in the operational phase and refers to the date where the single train will start the train journey</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre> |
|--|---|

complexType **CompositIdentifierPlannedType**

| | |
|------------|---|
| diagram | <pre> classDiagram class CompositIdentifierPlannedType { <<Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.>> } class ObjectType class Company class Core class Variant class TimetableYear class StartDate CompositIdentifierPlannedType < -- ObjectType CompositIdentifierPlannedType < -- Company CompositIdentifierPlannedType < -- Core CompositIdentifierPlannedType < -- Variant CompositIdentifierPlannedType < -- TimetableYear CompositIdentifierPlannedType < -- StartDate </pre> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| children | ObjectType Company Core Variant TimetableYear StartDate |
| used by | elements AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers |
| annotation | documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference. |
| source | <pre> <xs:complexType name="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> </pre> |

| | |
|--|--|
| | <p>in the messages such as train, path, path request or case reference.</p> <pre></xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> <xs:element ref="StartDate" minOccurs="0"/> </xs:sequence> </xs:complexType></pre> |
|--|--|

complexType ConsignmentIdent

| | |
|------------|---|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | extension of xs:string |
| properties | base xs:string |
| used by | element ConsignmentNumber in WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ConsignmentNumber PreviousConsignmentNumber |
| annotation | documentation Identifies a waybill by its number and type |
| source | <pre><xs:complexType name="ConsignmentIdent"> <xs:annotation> <xs:documentation>Identifies a waybill by its number and type</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="xs:string"/> </xs:simpleContent> </xs:complexType></pre> |

complexType CustomerCode

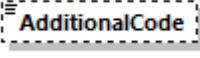
| | |
|-----------|--|
| diagram | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| children | CountryCodeISO PrimaryCode AdditionalCode |

| | |
|------------|---|
| used by | element Customer |
| annotation | documentation Identifies the railway customer |
| source | <pre><xs:complexType name="CustomerCode"> <xs:annotation> <xs:documentation>Identifies the railway customer</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="PrimaryCode" type="String1-14"/> <xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/> </xs:sequence> </xs:complexType></pre> |

element **CustomerCode/PrimaryCode**

| diagram |  | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | String1-14 | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>14</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 14 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 14 | | | | | | | | | |
| source | <pre><xs:element name="PrimaryCode" type="String1-14"/></pre> | | | | | | | | | |

element **CustomerCode/AdditionalCode**

| diagram |  | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|--------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | String1-7 | | | | | | | | | |
| properties | <table> <tbody> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></td> </tr> </tbody> </table> | minOcc | 0 | | maxOcc | 1 | | content | simple | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 7 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 7 | | | | | | | | | |
| source | <pre><xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/></pre> | | | | | | | | | |

complexType **DanGoodsType**

| | |
|-----------|---|
| diagram | <p>This element indicates the type of a dangerous load</p> <p>HazardIdentificationNumber This refers to RID 3.2 Table A. Definitions are in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</p> <p>UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerLabel 0..5 All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> <p>RID_Class The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</p> <p>PackingGroup The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <p>DangerousGoodsWeight The weight of the dangerous goods in Kilograms</p> <p>DangerousGoodsVolume The volume of the dangerous goods in cubic meters</p> <p>LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3.4 RID</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |

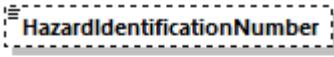
| | |
|------------|---|
| children | HazardIdentificationNumber UN Number DangerLabel RID Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator |
| used by | element DangerousGoodsIndication |
| annotation | documentation This element indicates the type of a dangerous load |
| source | <pre><xs:complexType name="DanGoodsType"> <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"></pre> |

| | |
|--|---|
| | <pre><xs:annotation> <xs:documentation>Explosive materials, division 1.4</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.5"> <xs:annotation> <xs:documentation>Explosive materials, division 1.5</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.6"> <xs:annotation> <xs:documentation>Explosive materials, division 1.6</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.1"> <xs:annotation> <xs:documentation>Flammable gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.2"> <xs:annotation> <xs:documentation>Non-flammable, non-toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.3"> <xs:annotation> <xs:documentation>Toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Flammable liquids</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Flammable solids , self-reactive substances and solid desensitized explosives</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Substances liable to spontaneous combustion</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Substances which, in contact with water, emit flammable gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5.1"> <xs:annotation></pre> |
|--|---|

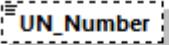
```
        <xs:documentation>Oxidizing substances</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
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        <xs:annotation>
            <xs:documentation>Organic peroxides</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
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        <xs:annotation>
            <xs:documentation>Toxic substances</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
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        <xs:annotation>
            <xs:documentation>Infectious substances</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
        <xs:annotation>
            <xs:documentation>Radioactive material</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
        <xs:annotation>
            <xs:documentation>Corrosive substances</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
        <xs:annotation>
            <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9A">
        <xs:annotation>
            <xs:documentation>Same as 9 but for Battery
Group.</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="PackingGroup" minOccurs="0"/>
<xs:element ref="DangerousGoodsWeight" minOccurs="0">
    <xs:annotation>
        <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="DangerousGoodsVolume" type="VolumeValue"
minOccurs="0">
    <xs:annotation>
        <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="LimitedQuantityIndicator" type="xs:boolean">
```

| | |
|--|---|
| | <pre><code>minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></code></pre> |
|--|---|

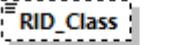
element **DanGoodsType/HazardIdentificationNumber**

| | | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---------|--------|-----------|---|--|
| diagram |  <p>This refers to RID 3.2 Table A. Definitions are in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</p> | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>minLength</td><td>2</td><td></td></tr> <tr> <td>maxLength</td><td>4</td><td></td></tr> </table> | Kind | Value | Annotation | minLength | 2 | | maxLength | 4 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 2 | | | | | | | | | |
| maxLength | 4 | | | | | | | | | |
| annotation | <p>documentation</p> <p>This refers to RID 3.2 Table A. Definitions are in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</p> | | | | | | | | | |
| source | <pre><code><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:annotation> <xs:documentation>This refers to RID 3.2 Table A. Definitions are in section 5.3.2.3.2 of RID for classes 2 to 9. Definitions are in sections 2.2.1.1.5 and 2.2.1.1.6 of RID for class 1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></code></pre> | | | | | | | | | |

element **DanGoodsType/UN_Number**

| | |
|------------|---|
| diagram |  UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING". |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| used by | element SummaryOfGoodsWithSameRID |
| facets | Kind Value Annotation length 4 pattern \d*[1-9]\d* |
| annotation | documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING". |
| source | <pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **DanGoodsType/RID_Class**

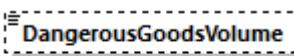
| | |
|------------|---|
| diagram |  RID_Class The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 |

| | content | simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---------|---|------|-------|------------|-----------|---|--|-----------|---|--|-------------|---|---------------|--|--|---|-------------|-----|---------------|--|--|-----------------------------------|-------------|-----|---------------|--|--|-----------------------------------|-------------|-----|---------------|--|--|-----------------------------------|-------------|-----|---------------|--|--|-----------------|-------------|-----|---------------|--|--|--------------------------------|-------------|-----|---------------|--|--|-------------|-------------|---|---------------|--|--|-------------------|-------------|-----|---------------|--|--|---|-------------|-----|---------------|--|--|---|-------------|-----|---------------|--|--|---|-------------|-----|---------------|--|--|----------------------|-------------|-----|---------------|--|--|-------------------|-------------|-----|---------------|--|--|------------------|-------------|-----|---------------|--|--|-----------------------|-------------|---|---------------|--|--|----------------------|-------------|---|---------------|--|--|----------------------|-------------|---|---------------|--|--|---|-------------|----|---------------|--|--|----------------------------------|--|
| facets | | <table> <tr><td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr><td>minLength</td><td>1</td><td></td></tr> <tr><td>maxLength</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>1</td><td>documentation</td></tr> <tr><td></td><td></td><td>Explosive materials, divisions 1.1, 1.2 and 1.3</td></tr> <tr><td>enumeration</td><td>1.4</td><td>documentation</td></tr> <tr><td></td><td></td><td>Explosive materials, division 1.4</td></tr> <tr><td>enumeration</td><td>1.5</td><td>documentation</td></tr> <tr><td></td><td></td><td>Explosive materials, division 1.5</td></tr> <tr><td>enumeration</td><td>1.6</td><td>documentation</td></tr> <tr><td></td><td></td><td>Explosive materials, division 1.6</td></tr> <tr><td>enumeration</td><td>2.1</td><td>documentation</td></tr> <tr><td></td><td></td><td>Flammable gases</td></tr> <tr><td>enumeration</td><td>2.2</td><td>documentation</td></tr> <tr><td></td><td></td><td>Non-flammable, non-toxic gases</td></tr> <tr><td>enumeration</td><td>2.3</td><td>documentation</td></tr> <tr><td></td><td></td><td>Toxic gases</td></tr> <tr><td>enumeration</td><td>3</td><td>documentation</td></tr> <tr><td></td><td></td><td>Flammable liquids</td></tr> <tr><td>enumeration</td><td>4.1</td><td>documentation</td></tr> <tr><td></td><td></td><td>Flammable solids , self-reactive substances and solid desensitized explosives</td></tr> <tr><td>enumeration</td><td>4.2</td><td>documentation</td></tr> <tr><td></td><td></td><td>Substances liable to spontaneous combustion</td></tr> <tr><td>enumeration</td><td>4.3</td><td>documentation</td></tr> <tr><td></td><td></td><td>Substances which, in contact with water, emit flammable gases</td></tr> <tr><td>enumeration</td><td>5.1</td><td>documentation</td></tr> <tr><td></td><td></td><td>Oxidizing substances</td></tr> <tr><td>enumeration</td><td>5.2</td><td>documentation</td></tr> <tr><td></td><td></td><td>Organic peroxides</td></tr> <tr><td>enumeration</td><td>6.1</td><td>documentation</td></tr> <tr><td></td><td></td><td>Toxic substances</td></tr> <tr><td>enumeration</td><td>6.2</td><td>documentation</td></tr> <tr><td></td><td></td><td>Infectious substances</td></tr> <tr><td>enumeration</td><td>7</td><td>documentation</td></tr> <tr><td></td><td></td><td>Radioactive material</td></tr> <tr><td>enumeration</td><td>8</td><td>documentation</td></tr> <tr><td></td><td></td><td>Corrosive substances</td></tr> <tr><td>enumeration</td><td>9</td><td>documentation</td></tr> <tr><td></td><td></td><td>Miscellaneous dangerous substances and articles</td></tr> <tr><td>enumeration</td><td>9A</td><td>documentation</td></tr> <tr><td></td><td></td><td>Same as 9 but for Battery Group.</td></tr> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 4 | | enumeration | 1 | documentation | | | Explosive materials, divisions 1.1, 1.2 and 1.3 | enumeration | 1.4 | documentation | | | Explosive materials, division 1.4 | enumeration | 1.5 | documentation | | | Explosive materials, division 1.5 | enumeration | 1.6 | documentation | | | Explosive materials, division 1.6 | enumeration | 2.1 | documentation | | | Flammable gases | enumeration | 2.2 | documentation | | | Non-flammable, non-toxic gases | enumeration | 2.3 | documentation | | | Toxic gases | enumeration | 3 | documentation | | | Flammable liquids | enumeration | 4.1 | documentation | | | Flammable solids , self-reactive substances and solid desensitized explosives | enumeration | 4.2 | documentation | | | Substances liable to spontaneous combustion | enumeration | 4.3 | documentation | | | Substances which, in contact with water, emit flammable gases | enumeration | 5.1 | documentation | | | Oxidizing substances | enumeration | 5.2 | documentation | | | Organic peroxides | enumeration | 6.1 | documentation | | | Toxic substances | enumeration | 6.2 | documentation | | | Infectious substances | enumeration | 7 | documentation | | | Radioactive material | enumeration | 8 | documentation | | | Corrosive substances | enumeration | 9 | documentation | | | Miscellaneous dangerous substances and articles | enumeration | 9A | documentation | | | Same as 9 but for Battery Group. | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minLength | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| maxLength | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Explosive materials, divisions 1.1, 1.2 and 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1.4 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Explosive materials, division 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1.5 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Explosive materials, division 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1.6 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Explosive materials, division 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2.1 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Flammable gases | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2.2 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Non-flammable, non-toxic gases | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2.3 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Toxic gases | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Flammable liquids | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4.1 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Flammable solids , self-reactive substances and solid desensitized explosives | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4.2 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Substances liable to spontaneous combustion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4.3 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Substances which, in contact with water, emit flammable gases | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5.1 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Oxidizing substances | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5.2 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Organic peroxides | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6.1 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Toxic substances | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6.2 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Infectious substances | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Radioactive material | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Corrosive substances | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Miscellaneous dangerous substances and articles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9A | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Same as 9 but for Battery Group. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | | <pre> <xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> <xs:annotation></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|---|
| | <pre><xs:documentation>Explosive materials, division 1.4</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.5"> <xs:annotation> <xs:documentation>Explosive materials, division 1.5</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.6"> <xs:annotation> <xs:documentation>Explosive materials, division 1.6</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.1"> <xs:annotation> <xs:documentation>Flammable gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.2"> <xs:annotation> <xs:documentation>Non-flammable, non-toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.3"> <xs:annotation> <xs:documentation>Toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Flammable liquids</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Flammable solids , self-reactive substances and solid desensitized explosives</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Substances liable to spontaneous combustion</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Substances which, in contact with water, emit flammable gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5.1"> <xs:annotation> <xs:documentation>Oxidizing substances</xs:documentation></pre> |
|--|---|

| | |
|--|--|
| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="5.2"> <xs:annotation> <xs:documentation>Organic peroxides</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6.1"> <xs:annotation> <xs:documentation>Toxic substances</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6.2"> <xs:annotation> <xs:documentation>Infectious substances</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Radioactive material</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Corrosive substances</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Miscellaneous dangerous substances and articles</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9A"> <xs:annotation> <xs:documentation>Same as 9 but for Battery Group.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **DanGoodsType/DangerousGoodsVolume**

| | |
|------------|--|
| diagram |  <p>The volume of the dangerous goods in cubic meters</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | VolumeValue |
| properties | minOcc 0 maxOcc 1 content simple |
| used by | element SummaryOfGoodsWithSameRID |

| | |
|------------|--|
| annotation | documentation The volume of the dangerous goods in cubic meters |
| source | <pre><xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre> |

element DanGoodsType/LimitedQuantityIndicator

| | |
|------------|--|
| diagram | <p>LimitedQuantityIndicator Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID |
| source | <pre><xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation> </xs:annotation> </xs:element></pre> |

complexType DimensionValue

| | |
|------------|---|
| diagram | <p>DimensionValue Measurement Values of Length, Height and Width</p> <ul style="list-style-type: none"> Length Height Width |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| children | Length Height Width |
| annotation | documentation Measurement Values of Length, Height and Width |
| source | <pre><xs:complexType name="DimensionValue"> <xs:annotation> <xs:documentation>Measurement Values of Length, Height and Width</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="Length"/></pre> |

| | |
|--|--|
| | <pre><xs:element ref="Height"/> <xs:element ref="Width"/> </xs:sequence> </xs:complexType></pre> |
|--|--|

complexType **IntermodalTransportDataType**

| | |
|------------|---|
| diagram | <p>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| children | TypeOfLoadUnit LoadUnitNumber |
| used by | element WagonData/IntermodalTransportData |
| annotation | <p>documentation</p> <p>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</p> |
| source | <pre><xs:complexType name="IntermodalTransportDataType"> <xs:annotation> <xs:documentation>Defines the type of LoadUnit – as a wide variety of loading units are used for Combined Transport within Europe. Containers and swap bodies are the most commonly used Load units</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/> <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/> </xs:sequence> </xs:complexType></pre> |

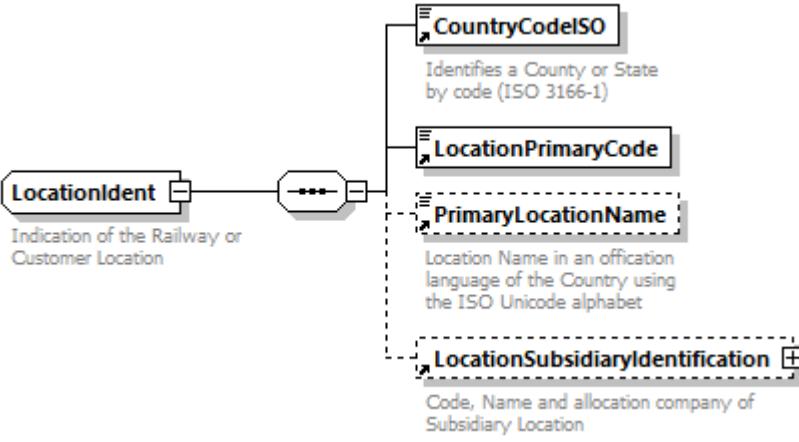
element **IntermodalTransportDataType/TypeOfLoadUnit**

| diagram | | | | | | | | | | | | | | | | | | | |
|-------------|--|-------------------------------|-------|------------|-------------|----|--------------------------|-------------|----|----------------------------|-------------|----|------------------------------|-------------|----|-------------------------------|-------------|----|------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | |
| type | TypeOfLoadUnitType | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation semitrailers</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation truck</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 00 | documentation unknown | enumeration | 01 | documentation Container | enumeration | 02 | documentation swap bodies | enumeration | 03 | documentation semitrailers | enumeration | 04 | documentation truck |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | |
| enumeration | 00 | documentation unknown | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation Container | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation swap bodies | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation semitrailers | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation truck | | | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/></pre> | | | | | | | | | | | | | | | | | | |

element **IntermodalTransportDataType/LoadUnitNumber**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | LoadUnitNumberType |
| properties | content simple |
| facets | Kind whiteSpace Value replace Annotation pattern [A-Za-z0-9]{11} |
| source | <xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/> |

complexType **LocationIdent**

| | |
|------------|---|
| diagram |  <p>LocationIdent — Indication of the Railway or Customer Location</p> <ul style="list-style-type: none"> CountryCodeISO — Identifies a County or State by code (ISO 3166-1) LocationPrimaryCode PrimaryLocationName — Location Name in an official language of the Country using the ISO Unicode alphabet LocationSubsidiaryIdentification — Code, Name and allocation company of Subsidiary Location |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| children | CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification |
| used by | <p>elements</p> <ul style="list-style-type: none"> TrainRunningData/Activities/ActivityLocationIdent_ArrivalTrackAtLocation AssociatedAttachedLocationIdent RID_Checking/CheckingLocation_DelayLocation DepartureJourneyTrack DepartureTrackAtLocation_Destination WagonStatusMessages/WagonStatusMessage/DestinationLocation ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint ConsignmentOrderMessage/COMS/COM/ChargingSections/End_EndLocationAffectedSection/EndOfSection WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLocation IntermediateDestination_JourneySectionDestination_JourneySectionOrigin_Location LocationActualTrack_LocationPlannedTrack_NetworkProjectedLocation/NextLocationNotes/NoteLocationIdent ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo TrainInformation/PathPlanningReferenceLocation_PlannedJourneyLocation ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo WagonStatusMessages/WagonStatusMessage/ShippingLocation ConsignmentOrderMessage/COMS/COM/ChargingSections/Start_StartLocationAffectedSection/StartOfSection_Station_TrainReadyMessage/TrainLocation_TransferPoint |
| annotation | documentation Indication of the Railway or Customer Location |

| | |
|--------|--|
| source | <pre><xs:complexType name="LocationIdent"> <xs:annotation> <xs:documentation>Indication of the Railway or Customer Location</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:element ref="PrimaryLocationName" minOccurs="0"/> <xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/> </xs:sequence> </xs:complexType></pre> |
|--------|--|

complexType TrainActivityType

| | |
|---------|--|
| | AssociatedAttachedTimingAtLocation AssociatedAttachedLocationIdent FreeTextField |
| used by | element TrainActivity |
| source | <pre><xs:complexType name="TrainActivityType"> <xss:sequence> <xs:element ref="TrainActivityType" /> <xs:element ref="AssociatedAttachedTrainID" minOccurs="0" /> <xs:element ref="AssociatedAttachedOTN" minOccurs="0" /> <xs:element ref="AssociatedAttachedTrainServiceNumber" minOccurs="0" /> <xs:element ref="AssociatedAttachedTimingAtLocation" minOccurs="0" /> <xs:element ref="AssociatedAttachedLocationIdent" minOccurs="0" /> <xs:element ref="FreeTextField" minOccurs="0" /> </xss:sequence> </xs:complexType></pre> |

complexType **WagonTelematics**

| | |
|-----------|--|
| diagram | <p>The diagram illustrates the UML class 'WagonTelematics' represented by a rounded rectangle. It has a single association named 'TelematicsOnBoard' leading to another class 'TelematicsOnBoard' represented by a rectangle with a small icon. The multiplicity at the 'WagonTelematics' end is 0..1. From the 'TelematicsOnBoard' class, there is another association named 'TelematicsDevice' leading to a class 'TelematicsDevice' represented by a rectangle with a plus sign. The multiplicity at the 'TelematicsDevice' end is 0..infinity. A note below the 'TelematicsDevice' class states: 'Detailed information about a specific telematics device.'</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| children | TelematicsOnBoard TelematicsDevice |
| used by | element RollingStockDataset/DesignDataSet/WagonTelematics |
| source | <pre><xs:complexType name="WagonTelematics"> <xss:sequence> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xss:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> </xss:sequence> </xs:complexType> </xs:element> </xss:sequence> </xs:complexType></pre> |

```
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ComponentMounted" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Superstructure"/>
      <xs:enumeration value="Tank"/>
      <xs:enumeration value="End wall"/>
      <xs:enumeration value="Side wall"/>
      <xs:enumeration value="Marking plate"/>
      <xs:enumeration value="Frame"/>
      <xs:enumeration value="Headstock"/>
      <xs:enumeration value="Saddle plate"/>
      <xs:enumeration value="Longitudinal beam"/>
      <xs:enumeration value="Latitudinal beam"/>
      <xs:enumeration value="Hitch"/>
      <xs:enumeration value="Bogie"/>
      <xs:enumeration value="Axle"/>
      <xs:enumeration value="Axle box"/>
      <xs:enumeration value="Lift off protection"/>
      <xs:enumeration value="Brake system"/>
      <xs:enumeration value="Brake blocks"/>
      <xs:enumeration value="Air pipes"/>
      <xs:enumeration value="Brake valves"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of where the
telematics unit is located on the component.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Side"/>
      <xs:enumeration value="Top"/>
      <xs:enumeration value="Bottom"/>
      <xs:enumeration value="Inside"/>
      <xs:enumeration value="Left"/>
      <xs:enumeration value="Right"/>
      <xs:enumeration value="Center"/>
      <xs:enumeration value="Below isolation"/>
      <xs:enumeration value="Hand brake end"/>
      <xs:enumeration value="Non brake end"/>
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
      <xs:enumeration value="3"/>
      <xs:enumeration value="4"/>
      <xs:enumeration value="5"/>
      <xs:enumeration value="6"/>
      <xs:enumeration value="7"/>
      <xs:enumeration value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

```

        </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ManufacturerName" minOccurs="0">
        <xs:annotation>
            <xs:documentation xml:lang="en">Name of the manufacturer of
the telematics device.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xsmaxLength value="255"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
        <xs:annotation>
            <xs:documentation xml:lang="en">Indication if the telematics
device is ATEX certified.</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
        <xs:annotation>
            <xs:documentation xml:lang="en">Indication of ATEX level (gas
and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB
T4 Gb or II 2D Ex ib IIIIC T135°C Db.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xsmaxLength value="50"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```

element WagonTelematics/TelematicsOnBoard

| | |
|------------|---|
| diagram |  <p>Indication if wagon is equipped with a telematics device.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | content simple |
| annotation | documentation Indication if wagon is equipped with a telematics device. |
| source | <pre> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </pre> |

| | |
|--|-----------------------------------|
| | </xs:annotation> </xs:element> |
|--|-----------------------------------|

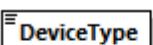
element **WagonTelematics/TelematicsDevice**

| | |
|------------|--|
| diagram | <pre> classDiagram class TelematicsDevice { <<Detailed information about a specific telematics device.>> } class DeviceType class ComponentMounted class MountedPosition class ManufacturerName class ATEXCertified class ATEXLevel TelematicsDevice "0..∞" --> DeviceType TelematicsDevice "0..∞" --> ComponentMounted TelematicsDevice "0..∞" --> MountedPosition TelematicsDevice "0..∞" --> ManufacturerName TelematicsDevice "0..∞" --> ATEXCertified TelematicsDevice "0..∞" --> ATEXLevel </pre> <p>Detailed information about a specific telematics device.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | minOcc 0 maxOcc unbounded content complex |
| children | DeviceType ComponentMounted MountedPosition ManufacturerName ATEXCertified ATEXLevel |
| annotation | <p>documentation</p> <p>Detailed information about a specific telematics device.</p> |
| source | <pre> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> </pre> |

```
<xs:restriction base="xs:string">
    <xs:enumeration value="Telematics Unit"/>
    <xs:enumeration value="Sensor"/gt;
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ComponentMounted" minOccurs="0">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="Superstructure"/gt;
            <xs:enumeration value="Tank"/gt;
            <xs:enumeration value="End wall"/gt;
            <xs:enumeration value="Side wall"/gt;
            <xs:enumeration value="Marking plate"/gt;
            <xs:enumeration value="Frame"/gt;
            <xs:enumeration value="Headstock"/gt;
            <xs:enumeration value="Saddle plate"/gt;
            <xs:enumeration value="Longitudinal beam"/gt;
            <xs:enumeration value="Latitudinal beam"/gt;
            <xs:enumeration value="Hitch"/gt;
            <xs:enumeration value="Bogie"/gt;
            <xs:enumeration value="Axe"/gt;
            <xs:enumeration value="Axe box"/gt;
            <xs:enumeration value="Lift off protection"/gt;
            <xs:enumeration value="Brake system"/gt;
            <xs:enumeration value="Brake blocks"/gt;
            <xs:enumeration value="Air pipes"/gt;
            <xs:enumeration value="Brake valves"/gt;
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
    <xs:annotation>
        <xs:documentation xml:lang="en">Indication of where the telematics
unit is located on the component.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="Side"/gt;
            <xs:enumeration value="Top"/gt;
            <xs:enumeration value="Bottom"/gt;
            <xs:enumeration value="Inside"/gt;
            <xs:enumeration value="Left"/gt;
            <xs:enumeration value="Right"/gt;
            <xs:enumeration value="Center"/gt;
            <xs:enumeration value="Below isolation"/gt;
            <xs:enumeration value="Hand brake end"/gt;
            <xs:enumeration value="Non brake end"/gt;
            <xs:enumeration value="1"/gt;
            <xs:enumeration value="2"/gt;
            <xs:enumeration value="3"/gt;
            <xs:enumeration value="4"/gt;
            <xs:enumeration value="5"/gt;
        </xs:restriction>
    </xs:simpleType>
</xs:element>
```

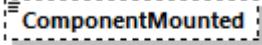
| | |
|--|---|
| | <pre> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre> |
|--|---|

element **WagonTelematics/TelematicsDevice/DeviceType**

| diagram |  DeviceType Specification of type of telematics device. | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|-----------------|--|-------------|--------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Telematics Unit</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Sensor</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Telematics Unit | | enumeration | Sensor | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | Telematics Unit | | | | | | | | | |
| enumeration | Sensor | | | | | | | | | |
| annotation | documentation Specification of type of telematics device. | | | | | | | | | |
| source | <xs:element name="DeviceType"> | | | | | | | | | |

| | |
|--|--|
| | <pre> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **WagonTelematics/TelematicsDevice/ComponentMounted**

| diagram |  <p>Indication of the component to which the telematics unit is attached.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|----------------|--|-------------|------|--|-------------|----------|--|-------------|-----------|--|-------------|---------------|--|-------------|-------|--|-------------|-----------|--|-------------|--------------|--|-------------|-------------------|--|-------------|------------------|--|-------------|-------|--|-------------|-------|--|-------------|------|--|-------------|----------|--|-------------|---------------------|--|-------------|--------------|--|-------------|--------------|--|-------------|-----------|--|-------------|--------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc 1 content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Superstructure</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Tank</td> <td></td> </tr> <tr> <td>enumeration</td> <td>End wall</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Side wall</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Marking plate</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Frame</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Headstock</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Saddle plate</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Longitudinal beam</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Latitudinal beam</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Hitch</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Bogie</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Axle</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Axle box</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Lift off protection</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Brake system</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Brake blocks</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Air pipes</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Brake valves</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Superstructure | | enumeration | Tank | | enumeration | End wall | | enumeration | Side wall | | enumeration | Marking plate | | enumeration | Frame | | enumeration | Headstock | | enumeration | Saddle plate | | enumeration | Longitudinal beam | | enumeration | Latitudinal beam | | enumeration | Hitch | | enumeration | Bogie | | enumeration | Axle | | enumeration | Axle box | | enumeration | Lift off protection | | enumeration | Brake system | | enumeration | Brake blocks | | enumeration | Air pipes | | enumeration | Brake valves | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Superstructure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Tank | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | End wall | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Side wall | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Marking plate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Headstock | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Saddle plate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Longitudinal beam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Latitudinal beam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Hitch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Bogie | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Axle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Axle box | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Lift off protection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Brake system | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Brake blocks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Air pipes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Brake valves | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Indication of the component to which the telematics unit is attached.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="ComponentMounted" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

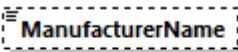
| | |
|--|---|
| | <pre> <xs:restriction base="xs:string"> <xs:enumeration value="Superstructure"/> <xs:enumeration value="Tank"/> <xs:enumeration value="End wall"/> <xs:enumeration value="Side wall"/> <xs:enumeration value="Marking plate"/> <xs:enumeration value="Frame"/> <xs:enumeration value="Headstock"/> <xs:enumeration value="Saddle plate"/> <xs:enumeration value="Longitudinal beam"/> <xs:enumeration value="Latitudinal beam"/> <xs:enumeration value="Hitch"/> <xs:enumeration value="Bogie"/> <xs:enumeration value="Axe"/> <xs:enumeration value="Axe box"/> <xs:enumeration value="Lift off protection"/> <xs:enumeration value="Brake system"/> <xs:enumeration value="Brake blocks"/> <xs:enumeration value="Air pipes"/> <xs:enumeration value="Brake valves"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **WagonTelematics/TelematicsDevice/MountedPosition**

| diagram | <p>MountedPosition 0..∞ Indication of where the telematics unit is located on the component.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|------|--|-------------|-----|--|-------------|--------|--|-------------|--------|--|-------------|------|--|-------------|-------|--|-------------|--------|--|-------------|-----------------|--|-------------|----------------|--|-------------|---------------|--|-------------|---|--|-------------|---|--|-------------|---|--|-------------|---|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | minOcc 0 maxOcc unbounded content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Side</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Top</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Bottom</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Inside</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Left</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Right</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Center</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Below isolation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Hand brake end</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Non brake end</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>4</td> <td></td> </tr> <tr> <td>enumeration</td> <td>5</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Side | | enumeration | Top | | enumeration | Bottom | | enumeration | Inside | | enumeration | Left | | enumeration | Right | | enumeration | Center | | enumeration | Below isolation | | enumeration | Hand brake end | | enumeration | Non brake end | | enumeration | 1 | | enumeration | 2 | | enumeration | 3 | | enumeration | 4 | | enumeration | 5 | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Side | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Top | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Bottom | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Inside | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Left | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Right | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Center | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Below isolation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Hand brake end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | Non brake end | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|------------|--|
| | enumeration 6 enumeration 7 enumeration 8 |
| annotation | documentation Indication of where the telematics unit is located on the component. |
| source | <pre><xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Indication of where the telematics unit is located on the component.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Side"/> <xs:enumeration value="Top"/> <xs:enumeration value="Bottom"/> <xs:enumeration value="Inside"/> <xs:enumeration value="Left"/> <xs:enumeration value="Right"/> <xs:enumeration value="Center"/> <xs:enumeration value="Below isolation"/> <xs:enumeration value="Hand brake end"/> <xs:enumeration value="Non brake end"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **WagonTelematics/TelematicsDevice/ManufacturerName**

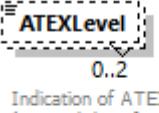
| | |
|------------|--|
| diagram |  <p>Name of the manufacturer of the telematics device.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation maxLength 255 |
| annotation | documentation Name of the manufacturer of the telematics device. |
| source | <pre><xs:element name="ManufacturerName" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation> </xs:annotation></pre> |

| | |
|--|---|
| | <pre><xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **WagonTelematics/TelematicsDevice/ATEXCertified**

| | |
|------------|---|
| diagram |  <p>Indication if the telematics device is ATEX certified.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:boolean |
| properties | minOcc 0 maxOcc 1 content simple |
| annotation | documentation Indication if the telematics device is ATEX certified. |
| source | <pre><xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0"> <xs:annotation> <xs:documentation xml:lang="en">Indication if the telematics device is ATEX certified.</xs:documentation> </xs:annotation> </xs:element></pre> |

element **WagonTelematics/TelematicsDevice/ATEXLevel**

| | |
|------------|---|
| diagram |  <p>Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 2 content simple |
| facets | Kind Value Annotation maxLength 50 |
| annotation | documentation Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db. |
| source | <pre><xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> </xs:element></pre> |

| | |
|--|---|
| | <pre></xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

simpleType CommunicationRefID

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
|------------|---|------------|-------|------------|-----------|---|--|-----------|----|--|
| type | restriction of xs:string | | | | | | | | | |
| properties | base xs:string | | | | | | | | | |
| used by | elements eMail FaxNumber PhoneNumber TrainContactDetails | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 70 | |
| Kind | Value | Annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 70 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)</p> | | | | | | | | | |
| source | <pre><xs:simpleType name="CommunicationRefID"> <xs:annotation> <xs:documentation>Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="70"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | |

simpleType CompanyCode

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of String4-4 |
| properties | base String4-4 |
| used by | <p>elements</p> <ul style="list-style-type: none"> AllocationCompany RID Checking/CheckingBody/BodyID ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode Wagons/WagonDetails/FormalReports/CarrierCode Wagons/WagonDetails/Examination/CarrierCode ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode Company CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU Declaration/DeclaringRU IM Partner ImpactedRU ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode LeadRU NextResponsibleRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM/Header/ReceivingRU Recipient WagonStatusMessages/WagonStatusMessage/ReportingRU ResponsibleApplicant ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode ResponsibleIM ResponsibleRU WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier/RU Partner |

| | | | |
|------------|---|-------------|------------|
| | ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode Sender ConsignmentOrderMessage/COMS/COM Header/SendingRU WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCarrier TrafficType/TrafficTypeNetwork WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU TransfereeIM | | |
| facets | Kind | Value | Annotation |
| | minLength | 4 | |
| | maxLength | 4 | |
| | pattern | [0-9A-Z]{4} | |
| annotation | documentation Identifies the RU, IM or other company involved in the Rail Transport Chain | | |
| source | <pre><xs:simpleType name="CompanyCode"> <xs:annotation> <xs:documentation>Identifies the RU, IM or other company involved in the Rail Transport Chain</xs:documentation> </xs:annotation> <xs:restriction base="String4-4"> <xs:pattern value="[0-9A-Z]{4}" /> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **CountryIdentISO**

| | | | |
|------------|--|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| used by | element Customers/Country s ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode CountryCodeISO ILU Details/DepartureCountry ITU Details/DepartureCountry RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries OriginCountry RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry RollingStockDataset/AdministrativeDataSet/RegistrationCountry UltimateDestinationCountry | | |
| facets | Kind | Value | Annotation |
| | minLength | 2 | |
| | maxLength | 2 | |
| annotation | documentation ISO 3166-1 alpha code (2 positions) | | |
| source | <pre><xs:simpleType name="CountryIdentISO"> <xs:annotation> <xs:documentation>ISO 3166-1 alpha code (2 positions)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType CurrencyCode_Type

| | | | |
|------------|---|-----------------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| used by | elements ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode | | |
| facets | Kind | Value | Annotation |
| | pattern | [A-Z][A-Z][A-Z] | |
| annotation | documentation CODE: ISO Currency code (ISO-4217) | | |
| source | <pre><xs:simpleType name="CurrencyCode_Type"> <xs:annotation> <xs:documentation>CODE: ISO Currency code (ISO-4217)</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="[A-Z][A-Z][A-Z]" /> </xs:restriction> </xs:simpleType></pre> | | |

simpleType DeltaTime

| | | | |
|------------|--|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| used by | AgainstBooked AgainstReferenced | | |
| facets | Kind | Value | Annotation |
| | length | 5 | |
| annotation | documentation Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric | | |
| source | <pre><xs:simpleType name="DeltaTime"> <xs:annotation> <xs:documentation>Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="5" /> </xs:restriction> </xs:simpleType></pre> | | |

simpleType DerailmentDetectionDevice

| | | | |
|------------|---|---------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| used by | RollingStockDataset/DesignDataSet/DerailmentDetectionDevice | | |
| facets | Kind | Value | Annotation |
| | enumeration | EDT 101 | |

| | |
|------------|--|
| | enumeration MDV 100 enumeration Non coded device |
| annotation | documentation Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device |
| source | <pre><xs:simpleType name="DerailmentDetectionDevice"> <xs:annotation> <xs:documentation>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EDT 101"/> <xs:enumeration value="MDV 100"/> <xs:enumeration value="Non coded device"/> </xs:restriction> </xs:simpleType></pre> |

simpleType EquipmentNumberType

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | base xs:string |
| used by | elements GoodsInWagon/ContainerNumber ITU Details/Number |
| facets | Kind Value Annotation minLength 1 maxLength 13 |
| annotation | documentation Number of ITU |
| source | <pre><xs:simpleType name="EquipmentNumberType"> <xs:annotation> <xs:documentation>Number of ITU</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="13"/> </xs:restriction> </xs:simpleType></pre> |

simpleType EquipmentTypeType

| | |
|-----------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |

| properties | base xs:token | | | | | | | | | | | | |
|-------------|---|--|-------|------------|-------------|----|----------------------------|-------------|----|----------------------------|-------------|----|--|
| used by | element ITU Type | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>cn</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>sw</td> <td>documentation swap body</td> </tr> <tr> <td>enumeration</td> <td>te</td> <td>documentation Trailer (RollingRoad)</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | cn | documentation Container | enumeration | sw | documentation swap body | enumeration | te | documentation Trailer (RollingRoad) |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | cn | documentation Container | | | | | | | | | | | |
| enumeration | sw | documentation swap body | | | | | | | | | | | |
| enumeration | te | documentation Trailer (RollingRoad) | | | | | | | | | | | |
| annotation | documentation Type of equipment | | | | | | | | | | | | |
| source | <pre><xs:simpleType name="EquipmentTypeType"> <xs:annotation> <xs:documentation>Type of equipment</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="cn"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="sw"> <xs:annotation> <xs:documentation>swap body</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="te"> <xs:annotation> <xs:documentation>Trailer (RollingRoad)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | |

simpleType ForwardingRestrictionType

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | base xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>07</td> <td></td> </tr> <tr> <td>enumeration</td> <td>08</td> <td></td> </tr> <tr> <td>enumeration</td> <td>09</td> <td></td> </tr> <tr> <td>enumeration</td> <td>11</td> <td></td> </tr> <tr> <td>enumeration</td> <td>12</td> <td></td> </tr> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>15</td> <td></td> </tr> <tr> <td>enumeration</td> <td>16</td> <td></td> </tr> <tr> <td>enumeration</td> <td>41</td> <td></td> </tr> <tr> <td>enumeration</td> <td>42</td> <td></td> </tr> <tr> <td>enumeration</td> <td>61</td> <td></td> </tr> <tr> <td>enumeration</td> <td>62</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 07 | | enumeration | 08 | | enumeration | 09 | | enumeration | 11 | | enumeration | 12 | | enumeration | 13 | | enumeration | 15 | | enumeration | 16 | | enumeration | 41 | | enumeration | 42 | | enumeration | 61 | | enumeration | 62 | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|------------|--|
| | enumeration 63 enumeration 70 enumeration 71 enumeration 92 enumeration 94 enumeration |
| annotation | documentation Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load |
| source | <pre><xs:simpleType name="ForwardingRestrictionType"> <xs:annotation> <xs:documentation>Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="92"/> <xs:enumeration value="94"/> <xs:enumeration value="" /> </xs:restriction> </xs:simpleType></pre> |

simpleType FreeText

| | | | |
|------------|--|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| used by | elements AdditionalInstruction Address Comments ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference MessageSenderReference Name Notes/Note PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TrainReadyMessage/TrainReadyStatus TrainNotReadyDescription TransportInstruction NetworkSpecificParameter/Value CargoCodeType | | |
| facets | Kind | Value | Annotation |
| | minLength | 1 | |

| | |
|------------|---|
| | maxLength 255 |
| annotation | documentation Clear Text in ISO Unicode character set |
| source | <pre><xs:simpleType name="FreeText"> <xs:annotation> <xs:documentation>Clear Text in ISO Unicode character set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre> |

simpleType LoadUnitNumberType

| | | | | | | | | | | | | |
|------------|---|------------|--|------|-------|------------|------------|---------|--|---------|-----------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | |
| properties | base xs:string | | | | | | | | | | | |
| used by | elements ILU Details/LoadUnitNumber_IntermodalTransportDataType/LoadUnitNumber | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>whiteSpace</td> <td>replace</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Za-z0-9]{11}</td> <td></td> </tr> </table> | | | Kind | Value | Annotation | whiteSpace | replace | | pattern | [A-Za-z0-9]{11} | |
| Kind | Value | Annotation | | | | | | | | | | |
| whiteSpace | replace | | | | | | | | | | | |
| pattern | [A-Za-z0-9]{11} | | | | | | | | | | | |
| annotation | documentation The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit | | | | | | | | | | | |
| source | <pre><xs:simpleType name="LoadUnitNumberType"> <xs:annotation> <xs:documentation>The Type consists of three parts, first 4A the owner key, second 6N registration number, third 1N control digit</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:whiteSpace value="replace"/> <xs:pattern value="[A-Za-z0-9]{11}" /> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | |

simpleType Money_Type

| | | | | | | | | | |
|-------------|---|------------|--|------|-------|------------|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | |
| type | restriction of xs:decimal | | | | | | | | |
| properties | base xs:decimal | | | | | | | | |
| used by | elements ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> </table> | | | Kind | Value | Annotation | totalDigits | 18 | |
| Kind | Value | Annotation | | | | | | | |
| totalDigits | 18 | | | | | | | | |

| | |
|------------|--|
| | fractionDigits 2 |
| annotation | documentation Type for all payments |
| source | <pre><xs:simpleType name="Money_Type"> <xs:annotation> <xs:documentation>Type for all payments</xs:documentation> </xs:annotation> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="2"/> </xs:restriction> </xs:simpleType></pre> |

simpleType Name

| | | |
|------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | |
| type | restriction of xs:string | |
| properties | base xs:string | |
| used by | element VesselName | |
| facets | Kind Value Annotation maxLength 254 | |
| annotation | documentation Name in Free Text | |
| source | <pre><xs:simpleType name="Name"> <xs:annotation> <xs:documentation>Name in Free Text</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="254"/> </xs:restriction> </xs:simpleType></pre> | |

simpleType NHMCodeType

| | | |
|------------|--|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | |
| type | restriction of xs:string | |
| properties | base xs:string | |
| used by | elements NHM Code ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCodeGoods/PreviousLoadedGood Wagons/GoodsInWagon/PreviousLoadedGood | |
| facets | Kind Value Annotation length 6 pattern \d*[1-9]\d* | |
| annotation | documentation NHM Code | |
| source | <pre><xs:simpleType name="NHMCodeType"> <xs:annotation> <xs:documentation>NHM Code</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="6"/> </xs:restriction> </xs:simpleType></pre> | |

| | |
|--|---|
| | <pre><xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType></pre> |
|--|---|

simpleType Numeric1-5

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:positiveInteger |
| properties | base xs:positiveInteger |
| used by | elements RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase_LocationPrimaryCode RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 99999 |
| source | <pre><xs:simpleType name="Numeric1-5"> <xs:restriction base="xs:positiveInteger"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre> |

simpleType Numeric1-6

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:int |
| properties | base xs:int |
| facets | Kind Value Annotation minInclusive 1 maxInclusive 999999 |
| source | <pre><xs:simpleType name="Numeric1-6"> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType></pre> |

simpleType Numeric2-2

| | |
|------------|---|
| namespac e | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | base xs:integer |
| used by | element RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecogniz edBody RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions |

| | | | |
|------------|--|-------|------------|
| | <u>RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN CI InstanceNumber</u> | | |
| attribut e | Kind | Value | Annotation |
| facets | minInclusive | 01 | |
| | maxInclusive | 99 | |
| source | <pre><xs:simpleType name="Numeric2-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType Numeric3-3

| | | | |
|------------|--|--|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:integer | | |
| properties | base xs:integer | | |
| used by | elements | <u>AirBrake/LoadChangeDevice/AirBrakedMassLoaded</u> | |
| | simpleType | <u>AirBrake/LoadChangeDevice/ChangeOverWeight</u> | |
| | Speed | | |
| facets | Kind | Value | Annotation |
| | minInclusive | 001 | |
| | maxInclusive | 999 | |
| source | <pre><xs:simpleType name="Numeric3-3"> <xs:restriction base="xs:integer"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType Numeric4-4

| | | | |
|------------|--|---|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:integer | | |
| properties | base xs:integer | | |
| used by | elements | <u>LengthOfSetOfCarriages</u> | |
| | | <u>RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength</u> | |
| facets | Kind | Value | Annotation |
| | minInclusive | 0001 | |
| | maxInclusive | 9999 | |
| source | <pre><xs:simpleType name="Numeric4-4"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0001"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType Percentage

| | | | |
|------------|--|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:float | | |
| properties | base xs:float | | |
| used by | element NetworkProjectedLocation/ProportionOfDistanceBetweenLocations | | |
| facets | Kind | Value | Annotation |
| | minInclusive | 0 | |
| | maxInclusive | 100 | |
| annotation | documentation decimal value between 0 and 100 | | |
| source | <pre><xs:simpleType name="Percentage"> <xs:annotation> <xs:documentation>decimal value between 0 and 100</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType Speed

| | | | |
|------------|--|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | Numeric3-3 | | |
| properties | base Numeric3-3 | | |
| used by | elements GNSS DynamicPosition/CurrentSpeed HighestPlannedSpeed PlannedSpeed TrainMaxSpeed | | |
| facets | Kind | Value | Annotation |
| | minInclusive | 001 | |
| | maxInclusive | 999 | |
| annotation | documentation Shown in Km/h | | |
| source | <pre><xs:simpleType name="Speed"> <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation> <xs:restriction base="Numeric3-3"/> </xs:simpleType></pre> | | |

simpleType String1-10

| | | | |
|------------|--|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| used by | element LocationSubsidiaryCode | | |
| facets | Kind | Value | Annotation |
| | minLength | 1 | |
| | maxLength | 10 | |

| | |
|--------|--|
| source | <pre><xs:simpleType name="String1-10"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="10" fixed="false"/> </xs:restriction> </xs:simpleType></pre> |
|--------|--|

simpleType String1-14

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | |
|------------|--|------------|--|------|-------|------------|-----------|---|--|-----------|----|--|
| type | restriction of xs:string | | | | | | | | | | | |
| properties | base xs:string | | | | | | | | | | | |
| used by | element CustomerCode/PrimaryCode | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>14</td> <td></td> </tr> </tbody> </table> | | | Kind | Value | Annotation | minLength | 1 | | maxLength | 14 | |
| Kind | Value | Annotation | | | | | | | | | | |
| minLength | 1 | | | | | | | | | | | |
| maxLength | 14 | | | | | | | | | | | |
| source | <pre><xs:simpleType name="String1-14"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="14"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | |

simpleType String1-5

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | |
|------------|--|------------|--|------|-------|------------|-----------|---|--|-----------|---|--|
| type | restriction of xs:string | | | | | | | | | | | |
| properties | base xs:string | | | | | | | | | | | |
| used by | element DelayMinutes | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table> | | | Kind | Value | Annotation | minLength | 1 | | maxLength | 5 | |
| Kind | Value | Annotation | | | | | | | | | | |
| minLength | 1 | | | | | | | | | | | |
| maxLength | 5 | | | | | | | | | | | |
| source | <pre><xs:simpleType name="String1-5"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | |

simpleType String1-7

| | | | |
|------------|---|--|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| used by | element CustomerCode/AdditionalCode | | |

| | |
|--------|--|
| facets | Kind Value Annotation minLength 1 maxLength 7 |
| source | <xs:simpleType name="String1-7"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> |

simpleType String1-8

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | base xs:string |
| used by | elements AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber OperationalTrainNumber |
| facets | Kind Value Annotation minLength 1 maxLength 8 |
| source | <xs:simpleType name="String1-8"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType> |

simpleType String4-4

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | base xs:string |
| used by | simpleType CompanyCode |
| facets | Kind Value Annotation minLength 4 maxLength 4 |
| source | <xs:simpleType name="String4-4"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> |

simpleType String5-5

| | |
|-----------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |

| | |
|------------|--|
| properties | base xs:string |
| facets | Kind Value Annotation minLength 5 maxLength 5 |
| source | <pre><xs:simpleType name="String5-5"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType></pre> |

simpleType String5-8

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | base xs:string |
| facets | Kind Value Annotation minLength 5 maxLength 8 |
| source | <pre><xs:simpleType name="String5-8"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType></pre> |

simpleType Time

| | |
|------------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:time |
| properties | base xs:time |
| annotation | documentation Time expressed in HH:MM:SS |
| source | <pre><xs:simpleType name="Time"> <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation> <xs:restriction base="xs:time"/> </xs:simpleType></pre> |

simpleType VolumeValue

| | |
|------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | xs:float |
| properties | base xs:float |
| used by | elements DangerousGoodsVolume Wagons/GoodsInWagon/RID/DangerousGoodsVolume DanGoodsType/DangerousGoodsVolume Volume |

| | |
|------------|--|
| annotation | documentation Volume value of the load units by cbm |
| source | <pre><xs:simpleType name="VolumeValue"> <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"/> </xs:simpleType></pre> |

simpleType WagonIdent

| | | |
|------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | |
| type | restriction of xs:string | |
| properties | base xs:string | |
| used by | elements WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight | |
| facets | Kind Value Annotation maxLength 12 pattern [0-9]{12} | |
| annotation | documentation Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa. | |
| source | <pre><xs:simpleType name="WagonIdent"> <xs:annotation> <xs:documentation>Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="12"/> <xs:pattern value="[0-9]{12}" /> </xs:restriction> </xs:simpleType></pre> | |

simpleType WeightValueKilo

| | | |
|------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | |
| type | restriction of xs:integer | |
| properties | base xs:integer | |
| used by | elements DangerousGoodsWeight GrossWeight MaxGrossWeight ILU Details/TareWeight ITU Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty Wagons/GoodsInWagon/RID/WeightNettoExplosiveMass | |
| facets | Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse | |
| annotation | documentation In Kilograms | |

| | |
|--------|---|
| source | <pre><xs:simpleType name="WeightValueKilo"> <xs:annotation> <xs:documentation>In Kilograms</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:whiteSpace value="collapse"/> </xs:restriction> </xs:simpleType></pre> |
|--------|---|

simpleType WeightValueTonne

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|-------|--|
| type | restriction of xs:int | | | | | | | | | |
| properties | base xs:int | | | | | | | | | |
| used by | elements TractionWeight TrainWeight WeightOfSetOfCarriages | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 99999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 99999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>In Tonnes</p> | | | | | | | | | |
| source | <pre><xs:simpleType name="WeightValueTonne"> <xs:annotation> <xs:documentation>In Tonnes</xs:documentation> </xs:annotation> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | |

attribute CI_InstanceNumber

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
|--------------|---|------------|-------|------------|--------------|----|--|--------------|----|--|
| type | Numeric2-2 | | | | | | | | | |
| used by | elements Recipient Sender | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 01 | | maxInclusive | 99 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 01 | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Number of a Common Interface Instance for the same Company</p> | | | | | | | | | |
| source | <pre><xs:attribute name="CI_InstanceNumber" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of a Common Interface Instance for the same Company</xs:documentation> </xs:annotation> </xs:attribute></pre> | | | | | | | | | |

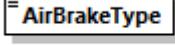
XML Schema documentation generated by [XMLSpy](#) Schema Editor <http://www.altova.com/xmlspy>

3. Schema taf_cat_codelists.xsd

schema location: [taf_cat_codelists.xsd](#)
attributeFormDefault: **unqualified**
elementFormDefault: **qualified**
targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.4>

| Elements | Simple types | Attributes |
|---|---|--|
| AirBrakeType | ConsignmentTypeCode | LocationSubsidiaryTypeCode |
| BrakeSpecialCharacteristics | DelayCode | TimingQualifierCode |
| BrakeType | InfoIndex | |
| BrakingPowerVariationDevice | MessageCode | |
| CodeOfCause | RestrictionCodes | |
| CombinedTrafficLoadProfile | RunningStatus | |
| CommercialSpecificationCode | TrainCC_SystemCode | |
| ConsignmentOrderType | TypeOfIMHarmonizationCode | |
| ConsignorDeclarationCode | TypeOfInformationCode | |
| CouplingType | TypeOfLoadUnitType | |
| CustomerType | TypeOfRequestCode | |
| DangerLabel | TypeOfRUHarmonizationCode | |
| EmptyPackingCode | UnitType | |
| HandBrakeType | | |
| ILU_TypeDetail | | |
| IncotermCode | | |
| InfoOnGoodsShapeTypeDanger | | |
| InteropCapability | | |
| JourneyLocationTypeCode | | |
| LivestockOrPeopleIndicator | | |
| LoadTableStars | | |
| MessageStatus | | |
| MRN_Type | | |
| NormalLoadingGauge | | |
| PackingGroup | | |
| PrepaidcodeCarrier | | |
| PrepaidCodeCustomer | | |
| ProcessType | | |
| ReasonOfReference | | |
| RefusalCode | | |
| RollingRoadUnitType | | |
| RouteClass | | |
| RU_DeclarationCode | | |
| TractionMode | | |
| TractionType | | |

[TrainRadioSystem](#)[TrainRunningInterruptionStatus](#)[TrainType](#)[TypeOfRemovableAccessories](#)[TypeOfUsedHybridPowerunit](#)[WheelSetTransformationMethod](#)element **AirBrakeType**

| | | | | |
|------------|--|-------|----------------------------|--|
| diagram |  AirBrakeType Classification of air brake. | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | |
| type | restriction of xs:token | | | |
| properties | content simple | | | |
| facets | Kind | Value | Annotation | |
| | enumeration | 0 | documentation | |
| | | | Through pipe | |
| | enumeration | 1 | documentation | |
| | | | G system only | |
| | enumeration | 2 | documentation | |
| | | | P system only | |
| | enumeration | 3 | documentation | |
| | | | G/P combined system | |
| | enumeration | 8 | documentation | |
| | | | No air brake or brake pipe | |
| | enumeration | 9 | documentation | |
| | | | Non coded system | |
| annotation | documentation Classification of air brake. | | | |
| source | <pre> <xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Through pipe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>G system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>P system only</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> </pre> | | | |

| | |
|--|---|
| | <pre> <xs:documentation>G/P combined system</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>No air brake or brake pipe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Non coded system</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **BrakeSpecialCharacteristics**

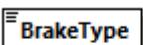
| diagram |  <p>General brake characteristics. The values refer to UIC leaflet 920-13.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--|-------|------------|-------------|---|---------------|--|--|------------------------|-------------|---|---------------|--|--|------------|-------------|---|---------------|--|--|----------------|-------------|---|---------------|--|--|--|-------------|---|---------------|--|--|--|-------------|---|---------------|--|--|----------------|-------------|---|---------------|--|--|-----------------|-------------|---|---------------|--|--|----------------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Cast Iron Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Disc Brake</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>K-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Cast Iron Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Composite Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>L-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>LL-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Unknown or non-coded information</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation | | | Cast Iron Brake Blocks | enumeration | 1 | documentation | | | Disc Brake | enumeration | 2 | documentation | | | K-Brake Blocks | enumeration | 3 | documentation | | | Cast Iron Brake Blocks, single release brake | enumeration | 4 | documentation | | | Composite Brake Blocks, single release brake | enumeration | 5 | documentation | | | L-Brake Blocks | enumeration | 6 | documentation | | | LL-Brake Blocks | enumeration | 9 | documentation | | | Unknown or non-coded information |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Cast Iron Brake Blocks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Disc Brake | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | K-Brake Blocks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Cast Iron Brake Blocks, single release brake | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Composite Brake Blocks, single release brake | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L-Brake Blocks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | LL-Brake Blocks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Unknown or non-coded information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>General brake characteristics. The values refer to UIC leaflet 920-13.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> General brake characteristics. The values refer to UIC leaflet 920-13. </xs:documentation> </xs:annotation> <xs:simpleType> </pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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      <xs:documentation>Cast Iron Brake Blocks</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1">
    <xs:annotation>
      <xs:documentation>Disc Brake</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2">
    <xs:annotation>
      <xs:documentation>K-Brake Blocks</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
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    <xs:annotation>
      <xs:documentation>Cast Iron Brake Blocks, single release
brake</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4">
    <xs:annotation>
      <xs:documentation>Composite Brake Blocks, single release
brake</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5">
    <xs:annotation>
      <xs:documentation>L-Brake Blocks</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="6">
    <xs:annotation>
      <xs:documentation>LL-Brake Blocks</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="9">
    <xs:annotation>
      <xs:documentation>Unknown or non-coded
information</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **BrakeType**

| | |
|-----------|---|
| diagram |  BrakeType Type of braking system. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |

| properties | content | simple |
|------------|---------|--|
| facets | | <p>Kind Value Annotation</p> <p>enumeration 0 documentation</p> <p>G: "Goods" for freight services with slow application and release times</p> <p>enumeration 1 documentation</p> <p>P: "Passenger" for passenger and freight services with quick application and release times.</p> <p>enumeration 2 documentation</p> <p>X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.</p> <p>enumeration 3 documentation</p> <p>R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances</p> <p>enumeration 4 documentation</p> <p>G+E: brake position G with additional brake=electro-dynamic brake</p> <p>enumeration 5 documentation</p> <p>G+H: brake position G with additional brake=hydro-dynamic brake</p> <p>enumeration 6 documentation</p> <p>P+E: brake position P with additional brake=electro-dynamic brake</p> <p>enumeration 7 documentation</p> <p>P+H: brake position P with additional brake=hydro-dynamic brake</p> <p>enumeration 8 documentation</p> <p>P+Mg: brake position P with additional brake=magnetic track brake</p> <p>enumeration 9 documentation</p> <p>R+E: brake position R with additional brake=electro-dynamic brake</p> <p>enumeration 10 documentation</p> <p>R+H: brake position R with additional brake=hydro-dynamic brake</p> <p>enumeration 11 documentation</p> <p>R+Mg: brake position R with additional brake=magnetic track brake</p> <p>enumeration 12 documentation</p> <p>R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse)</p> <p>enumeration 13 documentation</p> <p>R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake</p> <p>enumeration 14 documentation</p> <p>R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake</p> |
| annotation | | <p>documentation</p> <p>Type of braking system.</p> |
| source | | <pre><xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Type of braking system.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>G: "Goods" for freight services with slow application and release times</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>P: "Passenger" for passenger and freight services with quick application and release times.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation></pre> |

```
<xs:documentation>X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning.</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
<xs:annotation>
<xs:documentation>R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
<xs:annotation>
<xs:documentation>G+E: brake position G with additional brake=electro-dynamic brake</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
<xs:annotation>
<xs:documentation>G+H: brake position G with additional brake=hydro-dynamic brake</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
<xs:annotation>
<xs:documentation>P+E: brake position P with additional brake=electro-dynamic brake</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
<xs:annotation>
<xs:documentation>P+H: brake position P with additional brake=hydro-dynamic brake</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
<xs:annotation>
<xs:documentation>P+Mg: brake position P with additional brake=magnetic track brake</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
<xs:annotation>
<xs:documentation>R+E: brake position R with additional brake=electro-dynamic brake</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
<xs:annotation>
<xs:documentation>R+H: brake position R with additional brake=hydro-dynamic brake</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
<xs:annotation>
<xs:documentation>R+Mg: brake position R with additional brake=magnetic track brake</xs:documentation>
```

| | |
|--|--|
| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **BrakingPowerVariationDevice**

| diagram | | | | | | | | | | | | | | | | | | | |
|-------------|--|---|-------|------------|-------------|---|--|-------------|---|---|-------------|---|---|-------------|---|---|-------------|---|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation no braked weight variation device</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation empty/loaded manual or automatic device with one changeover weight</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation empty/loaded manual or automatic device with two or three changeover weights</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation linear auto continuous device with indication of maximum braked weight</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation non-codable variation device</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation no braked weight variation device | enumeration | 1 | documentation empty/loaded manual or automatic device with one changeover weight | enumeration | 2 | documentation empty/loaded manual or automatic device with two or three changeover weights | enumeration | 8 | documentation linear auto continuous device with indication of maximum braked weight | enumeration | 9 | documentation non-codable variation device |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | |
| enumeration | 0 | documentation no braked weight variation device | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation empty/loaded manual or automatic device with one changeover weight | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation empty/loaded manual or automatic device with two or three changeover weights | | | | | | | | | | | | | | | | | |
| enumeration | 8 | documentation linear auto continuous device with indication of maximum braked weight | | | | | | | | | | | | | | | | | |
| enumeration | 9 | documentation non-codable variation device | | | | | | | | | | | | | | | | | |
| annotation | documentation Coding in 404-2, chapter 1.8 | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="BrakingPowerVariationDevice"> <xs:annotation> <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>no braked weight variation device</xs:documentation> </pre> | | | | | | | | | | | | | | | | | | |

| | |
|--|--|
| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with one changeover weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with two or three changeover weights</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>linear auto continuous device with indication of maximum braked weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>non-codable variation device</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **CodeOfCause**

| diagram |  Code of reason for extension | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|---|-------|------------|-------------|---|---|-------------|---|---|-------------|---|---|-------------|---|---|-------------|---|--|-------------|---|---|-------------|---|--|-------------|---|---|-------------|---|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Examination of the consignment (CIM Article11)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Amendment of the contract of carriage (CIM Article 18)</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Circumstances preventing carriage (CIM Article 20)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Circumstances preventing delivery (CIM Article21)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Attention to be given to the consignment</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Rectification of the load following unsatisfactory loading by the consignor</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation Transhipment following unsatisfactory loading by the consignor</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15) | enumeration | 2 | documentation Examination of the consignment (CIM Article11) | enumeration | 3 | documentation Amendment of the contract of carriage (CIM Article 18) | enumeration | 4 | documentation Circumstances preventing carriage (CIM Article 20) | enumeration | 5 | documentation Circumstances preventing delivery (CIM Article21) | enumeration | 6 | documentation Attention to be given to the consignment | enumeration | 7 | documentation Rectification of the load following unsatisfactory loading by the consignor | enumeration | 8 | documentation Transhipment following unsatisfactory loading by the consignor | enumeration | 9 | documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation Examination of the consignment (CIM Article11) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation Amendment of the contract of carriage (CIM Article 18) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | documentation Circumstances preventing carriage (CIM Article 20) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | documentation Circumstances preventing delivery (CIM Article21) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | documentation Attention to be given to the consignment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | documentation Rectification of the load following unsatisfactory loading by the consignor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | documentation Transhipment following unsatisfactory loading by the consignor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|------------|---|
| | Other causes: ... |
| annotation | documentation Code of reason for extension |
| source | <pre> <xs:element name="CodeOfCause"> <xs:annotation> <xs:documentation>Code of reason for extension</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Completion of formalities required by customs or other administrative authorities (CIM Article 15)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Examination of the consignment (CIM Article11)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Amendment of the contract of carriage (CIM Article 18)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Circumstances preventing carriage (CIM Article 20)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Circumstances preventing delivery (CIM Article21)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Attention to be given to the consignment</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Rectification of the load following unsatisfactory loading by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Transhipment following unsatisfactory loading by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

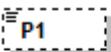
| | |
|--|--|
| | <pre> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Other causes: ...</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **CombinedTrafficLoadProfile**

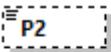
| | |
|------------|---|
| diagram | <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); <p>The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | P1 P2 C1 C2 |
| annotation | <p>documentation</p> <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); <p>The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.</p> |
| source | <pre> <xs:element name="CombinedTrafficLoadProfile"> <xs:annotation> <xs:documentation>This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer); • The other option refers to "C" (Swap body); The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load </pre> |

| | |
|--|--|
| | <p>Profile can be seen in the UIC 596-6 Leaflet.</p> <pre></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="P2" minOccurs="0"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |
|--|--|

element **CombinedTrafficLoadProfile/P1**

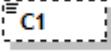
| | |
|------------|--|
| diagram |  P1 P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation pattern \d{3} |
| annotation | documentation P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. |
| source | <pre><xs:element name="P1" minOccurs="0"> <xs:annotation> <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}" /> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **CombinedTrafficLoadProfile/P2**

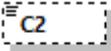
| | |
|------------|--|
| diagram |  P2 P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |
| properties | minOcc 0 maxOcc 1 content simple |
| facets | Kind Value Annotation pattern \d{3} |
| annotation | documentation P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm |
| source | <pre><xs:element name="P2" minOccurs="0"> <xs:annotation> <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}" /> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **CombinedTrafficLoadProfile/C1**

| | | | | | | | |
|------------|---|------------|-------|------------|---------|--------------------|--------|
| diagram |  | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of <code>xs:string</code> | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | simple | | | | | | |
| facets | <table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>pattern</td><td><code>\d{3}</code></td><td></td></tr> </table> | Kind | Value | Annotation | pattern | <code>\d{3}</code> | |
| Kind | Value | Annotation | | | | | |
| pattern | <code>\d{3}</code> | | | | | | |
| source | <pre><xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}" /> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | |

element **CombinedTrafficLoadProfile/C2**

| | | | | | | | |
|------------|---|------------|-------|------------|---------|--------------------|--------|
| diagram |  C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of <code>xs:string</code> | | | | | | |
| properties | <table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </table> | minOcc | 0 | maxOcc | 1 | content | simple |
| minOcc | 0 | | | | | | |
| maxOcc | 1 | | | | | | |
| content | simple | | | | | | |
| facets | <table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>pattern</td><td><code>\d{3}</code></td><td></td></tr> </table> | Kind | Value | Annotation | pattern | <code>\d{3}</code> | |
| Kind | Value | Annotation | | | | | |
| pattern | <code>\d{3}</code> | | | | | | |
| annotation | documentation C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm | | | | | | |
| source | <pre><xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}" /> </xs:restriction> </xs:simpleType></pre> | | | | | | |

| | |
|--|----------------------------------|
| | <code></xs:element></code> |
|--|----------------------------------|

element **CommercialSpecificationCode**

| diagram |  | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|---|----------------------------|-------------|---|-----------------------------------|-------------|---|---|-------------|---|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | |
| type | restriction of <code>xs:token</code> | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Route ...</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Traffic flow ...</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Carriers mandated to perform the carriage, section, status</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Defined frontier stations..... (for exceptional consignments)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | documentation Route ... | enumeration | 2 | documentation Traffic flow ... | enumeration | 3 | documentation Carriers mandated to perform the carriage, section, status | enumeration | 4 | documentation Defined frontier stations..... (for exceptional consignments) | enumeration | 5 | documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.) |
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| enumeration | 5 | documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.) | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation Commercial specifications code</p> | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="CommercialSpecificationCode"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Route ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Traffic flow ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Carriers mandated to perform the carriage, section, status</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Defined frontier stations..... (for exceptional consignments)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Other conditions requested....(for example: EDI</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | | | | | | | |

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| | <pre>contract number if an electronic consignment note is used.)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **ConsignmentOrderType**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--|-------|------------|-------------|-----|---|-------------|------|--|-------------|-----|--|-------------|------|---|-------------|------|--|-------------|--------|--|-------------|-----|--|-------------|------|---|-------------|------|---|-------------|------|---|
| diagram | <p>ConsignmentOrderType</p> <p>Preliminary list of messages, by now restricted on different types of consignment orders.</p> <p>Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table border="0"> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>ECN</td> <td>documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable).</td> </tr> <tr> <td>enumeration</td> <td>NACK</td> <td>documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable</td> </tr> <tr> <td>enumeration</td> <td>PRN</td> <td>documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)</td> </tr> <tr> <td>enumeration</td> <td>INFE</td> <td>documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.</td> </tr> <tr> <td>enumeration</td> <td>INFP</td> <td>documentation Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.</td> </tr> <tr> <td>enumeration</td> <td>CANCEL</td> <td>documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.</td> </tr> <tr> <td>enumeration</td> <td>DEL</td> <td>documentation This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled.</td> </tr> <tr> <td>enumeration</td> <td>ECTD</td> <td>documentation Basic message type for transports accompanied by a paper consignment note message.</td> </tr> <tr> <td>enumeration</td> <td>EUTD</td> <td>documentation Basic update message type for transports accompanied by a paper consignment note message</td> </tr> <tr> <td>enumeration</td> <td>EDTD</td> <td>documentation Basic deletion message type for transports accompanied by a paper consignment note message</td> </tr> </table> | Kind | Value | Annotation | enumeration | ECN | documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable). | enumeration | NACK | documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable | enumeration | PRN | documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN) | enumeration | INFE | documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN. | enumeration | INFP | documentation Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport. | enumeration | CANCEL | documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport. | enumeration | DEL | documentation This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled. | enumeration | ECTD | documentation Basic message type for transports accompanied by a paper consignment note message. | enumeration | EUTD | documentation Basic update message type for transports accompanied by a paper consignment note message | enumeration | EDTD | documentation Basic deletion message type for transports accompanied by a paper consignment note message |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ECN | documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | NACK | documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | PRN | documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | INFE | documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | INFP | documentation Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CANCEL | documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | DEL | documentation This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ECTD | documentation Basic message type for transports accompanied by a paper consignment note message. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | EUTD | documentation Basic update message type for transports accompanied by a paper consignment note message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | EDTD | documentation Basic deletion message type for transports accompanied by a paper consignment note message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | <p>enumeration ECOM note message. documentation Electronic consignment order message for carriers in role 3.Used for paperless transport only.</p> <p>enumeration ECOU documentation Update message for ECOM</p> <p>enumeration ECOD documentation Deletion message for ECOM</p> |
| annotation | <p>documentation Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.</p> |
| source | <pre><xs:element name="ConsignmentOrderType"> <xs:annotation> <xs:documentation>Preliminary list of messages, by now restricted on different types of consignment orders. Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="ECN"> <xs:annotation> <xs:documentation>ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable). </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="NACK"> <xs:annotation> <xs:documentation>NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="PRN"> <xs:annotation> <xs:documentation>At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="INFE"> <xs:annotation> <xs:documentation>Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="INFP"> <xs:annotation> <xs:documentation>Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|---|
| | <pre>transport.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CANCEL"> <xs:annotation> <xs:documentation>The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DEL"> <xs:annotation> <xs:documentation>This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECTD"> <xs:annotation> <xs:documentation>Basic message type for transports accompanied by a paper consignment note message.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="EUTD"> <xs:annotation> <xs:documentation>Basic update message type for transports accompanied by a paper consignment note message</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="EDTD"> <xs:annotation> <xs:documentation>Basic deletion message type for transports accompanied by a paper consignment note message.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECOM"> <xs:annotation> <xs:documentation>Electronic consignment order message for carriers in role 3. Used for paperless transport only.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECOU"> <xs:annotation> <xs:documentation>Update message for ECOM</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ECOD"> <xs:annotation> <xs:documentation>Deletion message for ECOM</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |
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element **ConsignorDeclarationCode**

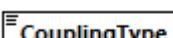
| diagram |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--|-------|------------|-------------|---|--|-------------|---|---|-------------|---|---|-------------|---|--|-------------|---|--|-------------|---|---|-------------|---|---|-------------|---|---|-------------|---|---|-------------|----|---|-------------|----|---|-------------|----|---|-------------|----|--|-------------|----|---|-------------|----|--|-------------|----|--|-------------|----|---|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Consignee not-authorised to take control of the goods</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Authorised consignee (within the meaning of customs law)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Escort(s) ... [name(s), first name(s)]</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c)</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Emergency telephone number for irregularities or accidents with dangerous goods</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Not to be passed to a substitute carrier</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Loading by the carrier</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation Unloading by the carrier</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation Agreed transit period: ...</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Completion of administrative formalities: ... (see CIM Article 15)</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved)</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s)</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation If the carrier's straps are used: number of straps and abbreviation for the carrier</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.)</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation Shipment details for port traffic: ...</td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.)</td> </tr> <tr> <td>enumeration</td> <td>24</td> <td>documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit.</td> </tr> <tr> <td>enumeration</td> <td>25</td> <td>documentation Wagon keeper according to article 17 AVV (Name)</td> </tr> <tr> <td>enumeration</td> <td>31</td> <td>documentation CH import declaration by DB Cargo</td> </tr> <tr> <td>enumeration</td> <td>32</td> <td>documentation CH import declaration by SBB Cargo</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | documentation Consignee not-authorised to take control of the goods | enumeration | 2 | documentation Authorised consignee (within the meaning of customs law) | enumeration | 3 | documentation Escort(s) ... [name(s), first name(s)] | enumeration | 4 | documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c) | enumeration | 5 | documentation Emergency telephone number for irregularities or accidents with dangerous goods | enumeration | 6 | documentation Not to be passed to a substitute carrier | enumeration | 7 | documentation Loading by the carrier | enumeration | 8 | documentation Unloading by the carrier | enumeration | 9 | documentation Agreed transit period: ... | enumeration | 10 | documentation Completion of administrative formalities: ... (see CIM Article 15) | enumeration | 11 | documentation Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved) | enumeration | 12 | documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool | enumeration | 13 | documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool | enumeration | 14 | documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s) | enumeration | 15 | documentation If the carrier's straps are used: number of straps and abbreviation for the carrier | enumeration | 16 | documentation Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.) | enumeration | 17 | documentation Shipment details for port traffic: ... | enumeration | 18 | documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.) | enumeration | 24 | documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit. | enumeration | 25 | documentation Wagon keeper according to article 17 AVV (Name) | enumeration | 31 | documentation CH import declaration by DB Cargo | enumeration | 32 | documentation CH import declaration by SBB Cargo |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation Consignee not-authorised to take control of the goods | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation Authorised consignee (within the meaning of customs law) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation Escort(s) ... [name(s), first name(s)] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | documentation Emergency telephone number for irregularities or accidents with dangerous goods | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | documentation Not to be passed to a substitute carrier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | documentation Loading by the carrier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | documentation Unloading by the carrier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | documentation Agreed transit period: ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation Completion of administrative formalities: ... (see CIM Article 15) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | documentation If the carrier's straps are used: number of straps and abbreviation for the carrier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | documentation Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 17 | documentation Shipment details for port traffic: ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 18 | documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 24 | documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 25 | documentation Wagon keeper according to article 17 AVV (Name) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 31 | documentation CH import declaration by DB Cargo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 32 | documentation CH import declaration by SBB Cargo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|------------|---|
| | enumeration 33 documentation CH import declaration by third parties |
| annotation | documentation Carrier declaration code. |
| source | <pre> <xs:element name="ConsignorDeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Consignee not-authorised to take control of the goods</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Authorised consignee (within the meaning of customs law)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Escort(s) ... [name(s), first name(s)]</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Emergency telephone number for irregularities or accidents with dangerous goods</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Not to be passed to a substitute carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Loading by the carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Unloading by the carrier</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|---|
| | <pre><xs:enumeration value="9"> <xs:annotation> <xs:documentation>Agreed transit period: ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Completion of administrative formalities: ... (see CIM Article 15)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>If the carrier's straps are used: number of straps and abbreviation for the carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>Shipment details for port traffic: ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation></pre> |
|--|---|

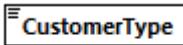
| | |
|--|---|
| | <pre> <xs:documentation>Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="24"> <xs:annotation> <xs:documentation>Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>Wagon keeper according to article 17 AVV (Name)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation>CH import declaration by DB Cargo</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="32"> <xs:annotation> <xs:documentation>CH import declaration by SBB Cargo</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="33"> <xs:annotation> <xs:documentation>CH import declaration by third parties</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **CouplingType**

| diagram |  <p>CouplingType</p> <p>Classification of coupling</p> | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|---|-------------------------------|-------------|---|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation without coupler</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation non-reinforced coupler less than 85t</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation reinforced coupler equals to 85t</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation without coupler | enumeration | 1 | documentation non-reinforced coupler less than 85t | enumeration | 2 | documentation reinforced coupler equals to 85t |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | 0 | documentation without coupler | | | | | | | | | | | |
| enumeration | 1 | documentation non-reinforced coupler less than 85t | | | | | | | | | | | |
| enumeration | 2 | documentation reinforced coupler equals to 85t | | | | | | | | | | | |

| | |
|------------|--|
| | enumeration 3 documentation ultra-reinforced coupler greater than 85t enumeration 4 documentation automatic coupling |
| annotation | documentation Classification of coupling |
| source | <pre><xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Classification of coupling</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>without coupler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>non-reinforced coupler less than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>reinforced coupler equals to 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>ultra-reinforced coupler greater than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>automatic coupling</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **CustomerType**

| | |
|------------|--|
| diagram |  Type of participation |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | content simple |
| facets | Kind Value Annotation enumeration CR documentation |

| | |
|------------|--|
| | <p>enumeration CE Consignor documentation</p> <p>enumeration FPCR Consignee documentation</p> <p>enumeration FPCE Freight payer documentation</p> <p>Freight payer CE</p> |
| annotation | documentation Type of participation |
| source | <pre><xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"> <xs:annotation> <xs:documentation>Consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CE"> <xs:annotation> <xs:documentation>Consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCR"> <xs:annotation> <xs:documentation>Freight payer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCE"> <xs:annotation> <xs:documentation>Freight payer CE</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element **DangerLabel**

| diagram | <p>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</p> | | | | | | | | | |
|-------------|---|---|-------|------------|-------------|---|---------------|--|-----|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td>1.4</td> <td>Explosive materials, divisions 1.1, 1.2 and 1.3 documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | documentation | | 1.4 | Explosive materials, divisions 1.1, 1.2 and 1.3 documentation |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 1 | documentation | | | | | | | | |
| | 1.4 | Explosive materials, divisions 1.1, 1.2 and 1.3 documentation | | | | | | | | |

| | | |
|--|-------------------------|--|
| | | Explosive materials, division 1.4 documentation |
| | enumeration 1.5 | Explosive materials, division 1.5 documentation |
| | enumeration 1.6 | Explosive materials, division 1.6 documentation |
| | enumeration 2.1 | Flammable gases documentation |
| | enumeration 2.2 | Non-flammable, non-toxic gases documentation |
| | enumeration 2.3 | Toxic gases documentation |
| | enumeration 3 | Flammable liquids documentation |
| | enumeration 4.1 | Flammable solids , self-reactive substances and solid desensitized explosives documentation |
| | enumeration 4.2 | Substances liable to spontaneous combustion documentation |
| | enumeration 4.3 | Substances which, in contact with water, emit flammable gases documentation |
| | enumeration 5.1 | Oxidizing substances documentation |
| | enumeration 5.2 | Organic peroxides documentation |
| | enumeration 6.1 | Toxic substances documentation |
| | enumeration 6.2 | Infectious substances documentation |
| | enumeration 7A | Radioactive material, category I documentation |
| | enumeration 7B | Radioactive material, category II documentation |
| | enumeration 7C | Radioactive material, category III documentation |
| | enumeration 7D | (obsolete) should be used for general information about class 7 documentation |
| | enumeration 7E | Fissile radioactive material documentation |
| | enumeration 8 | Corrosive substances documentation |
| | enumeration 9 | Miscellaneous dangerous substances and articles documentation |
| | enumeration 9A | |
| | enumeration 1 (+13) | |
| | enumeration 1 (+15) | |
| | enumeration 1.4+6.1 | |
| | enumeration 1.4+6.1+8 | |
| | enumeration 1.4+8 | |
| | enumeration 1+6.1 | |
| | enumeration 1+6.1 (+13) | |
| | enumeration 1+6.1 (+15) | |
| | enumeration 1+6.1+8 | |
| | enumeration 1+8 | |
| | enumeration 2.1 (+13) | |
| | enumeration 2.1+6.1 | |
| | enumeration 2.1+6.1+8 | |
| | enumeration 2.1+6.1 | |
| | enumeration 2.1+8 | |
| | enumeration 2.2 (+13) | |

| | |
|------------|---|
| | enumeration 2.2+5.1+6.1 enumeration 2.2+5.1+6.1+8 enumeration 2.2+5.1+8 enumeration 2.2+6.1 enumeration 2.2+6.1+8 enumeration 2.2+5.1 enumeration 2.2+5.1 (+13) enumeration 2.2+6.1 enumeration 2.2+8 enumeration 2.3 (+13) enumeration 2.3+2.1 enumeration 2.3+2.1 (+13) enumeration 2.3+2.1+8 enumeration 2.3+2.1+8 (+13) enumeration 2.3+5.1 enumeration 2.3+5.1 (+13) enumeration 2.3+5.1+8 enumeration 2.3+5.1+8 (+13) enumeration 2.3+8 enumeration 2.3+8 (+13) enumeration 4.1+1 enumeration 5.2+1 enumeration 6.1+4.1 enumeration 6.1+8 enumeration 6.2+2.2 enumeration 7X enumeration 7X+7E enumeration 8+6.1 enumeration 9+2.2 |
| annotation | documentation All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification). |
| source | <pre> <xs:element name="DangerLabel"> <xs:annotation> <xs:documentation>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> <xs:annotation> <xs:documentation>Explosive materials, division 1.4</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |

| | |
|--|---|
| | <pre><xs:enumeration value="1.5"> <xs:annotation> <xs:documentation>Explosive materials, division 1.5</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.6"> <xs:annotation> <xs:documentation>Explosive materials, division 1.6</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.1"> <xs:annotation> <xs:documentation>Flammable gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.2"> <xs:annotation> <xs:documentation>Non-flammable, non-toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2.3"> <xs:annotation> <xs:documentation>Toxic gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Flammable liquids</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Flammable solids , self-reactive substances and solid desensitized explosives</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Substances liable to spontaneous combustion</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Substances which, in contact with water, emit flammable gases</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5.1"> <xs:annotation> <xs:documentation>Oxidizing substances</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5.2"> <xs:annotation></pre> |
|--|---|

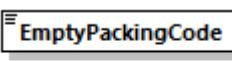
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</xs:annotation>
</xs:enumeration>
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<xs:annotation>
<xs:documentation>Toxic substances</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="6.2">
<xs:annotation>
<xs:documentation>Infectious substances</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="7A">
<xs:annotation>
<xs:documentation>Radioactive material, category
I</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="7B">
<xs:annotation>
<xs:documentation>Radioactive material, category
II</xs:documentation>
</xs:annotation>
</xs:enumeration>
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<xs:documentation>Radioactive material, category
III</xs:documentation>
</xs:annotation>
</xs:enumeration>
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information about class 7</xs:documentation>
</xs:annotation>
</xs:enumeration>
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<xs:annotation>
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</xs:annotation>
</xs:enumeration>
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articles</xs:documentation>
</xs:annotation>
</xs:enumeration>
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<xs:enumeration value="1 (+15)"/>
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<xs:enumeration value="1.4+6.1+8"/>
```

```

<xs:enumeration value="1.4+8"/>
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<xs:enumeration value="1+6.1 (+13)"/>
<xs:enumeration value="1+6.1 (+15)"/>
<xs:enumeration value="1+6.1+8"/>
<xs:enumeration value="1+8"/>
<xs:enumeration value="2.1 (+13)"/>
<xs:enumeration value="2.1+6.1"/>
<xs:enumeration value="2.1+6.1+8"/>
<xs:enumeration value="2.1+6.1"/>
<xs:enumeration value="2.1+8"/>
<xs:enumeration value="2.2 (+13)"/>
<xs:enumeration value="2.2+5.1+6.1"/>
<xs:enumeration value="2.2+5.1+6.1+8"/>
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<xs:enumeration value="2.2+5.1 (+13)"/>
<xs:enumeration value="2.2+6.1"/>
<xs:enumeration value="2.2+8"/>
<xs:enumeration value="2.3 (+13)"/>
<xs:enumeration value="2.3+2.1"/>
<xs:enumeration value="2.3+2.1 (+13)"/>
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<xs:enumeration value="2.3+2.1+8 (+13)"/>
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<xs:enumeration value="2.3+5.1 (+13)"/>
<xs:enumeration value="2.3+5.1+8"/>
<xs:enumeration value="2.3+5.1+8 (+13)"/>
<xs:enumeration value="2.3+8"/>
<xs:enumeration value="2.3+8 (+13)"/>
<xs:enumeration value="4.1+1"/>
<xs:enumeration value="5.2+1"/>
<xs:enumeration value="6.1+4.1"/>
<xs:enumeration value="6.1+8"/>
<xs:enumeration value="6.2+2.2"/>
<xs:enumeration value="7X"/>
<xs:enumeration value="7X+7E"/>
<xs:enumeration value="8+6.1"/>
<xs:enumeration value="9+2.2"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **EmptyPackingCode**

| | |
|------------|--|
| diagram |  EmptyPackingCode Code of empty packing as described in RID 5.4.1.1.6.2 |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | content simple |

| | | | |
|------------|--|-------------|--|
| facets | Kind enumeration | Value 01 | Annotation documentation EMPTY PACKAGING |
| | enumeration | 02 | documentation EMPTY CONTAINER |
| | enumeration | 03 | documentation EMPTY IBC |
| | enumeration | 04 | documentation EMPTY LARGE PACKAGING |
| | enumeration | 05 | documentation EMPTY TANK-VEHICLE |
| | enumeration | 06 | documentation EMPTY TANK-WAGON |
| | enumeration | 07 | documentation EMPTY DETACHABLE TANK |
| | enumeration | 08 | documentation EMPTY DEMOUNTABLE TANK |
| | enumeration | 09 | documentation EMPTY TANK-CONTAINER |
| | enumeration | 10 | documentation EMPTY PORTABLE TANK |
| | enumeration | 11 | documentation EMPTY BATTERY-VEHICLE |
| | enumeration | 12 | documentation EMPTY BATTERY-WAGON |
| | enumeration | 13 | documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS |
| | enumeration | 14 | documentation EMPTY VEHICLE |
| | enumeration | 15 | documentation EMPTY WAGON |
| | enumeration | 16 | documentation EMPTY RECEPTACLE le 1000L |
| | enumeration | 17 | documentation EMPTY RECEPTACLE gt 1000L |
| | enumeration | 18 | documentation EMPTY |
| annotation | documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. | | |
| source | <pre> <xs:element name="EmptyPackingCode"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>EMPTY PACKAGING</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>EMPTY CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> | | |

```
</xs:enumeration>
<xs:enumeration value="03">
  <xs:annotation>
    <xs:documentation>EMPTY IBC</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="04">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="05">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="06">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="07">
  <xs:annotation>
    <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="08">
  <xs:annotation>
    <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="09">
  <xs:annotation>
    <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
```

| | |
|--|---|
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|--|---|

element **HandBrakeType**

| diagram |  <p>Classification of hand brake</p> | | | | | | | | | | | | |
|-------------|--|---|-------|------------|-------------|---|--------------------------------|-------------|---|---|-------------|---|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation No hand brake</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Ground-operated hand brake</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Platform-operated hand brake</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation No hand brake | enumeration | 1 | documentation Ground-operated hand brake | enumeration | 2 | documentation Platform-operated hand brake |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | 0 | documentation No hand brake | | | | | | | | | | | |
| enumeration | 1 | documentation Ground-operated hand brake | | | | | | | | | | | |
| enumeration | 2 | documentation Platform-operated hand brake | | | | | | | | | | | |
| annotation | <p>documentation Classification of hand brake</p> | | | | | | | | | | | | |
| source | <pre> <xs:element name="HandBrakeType"> <xs:annotation> <xs:documentation>Classification of hand brake</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>No hand brake</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | |

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|--|--|
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|--|--|

element **ILU_TypeDetail**

| diagram |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>BX</td><td></td></tr> <tr><td>enumeration</td><td>BK</td><td></td></tr> <tr><td>enumeration</td><td>FL</td><td></td></tr> <tr><td>enumeration</td><td>HT</td><td></td></tr> <tr><td>enumeration</td><td>HC</td><td></td></tr> <tr><td>enumeration</td><td>IN</td><td></td></tr> <tr><td>enumeration</td><td>OT</td><td></td></tr> <tr><td>enumeration</td><td>HH</td><td></td></tr> <tr><td>enumeration</td><td>PW</td><td></td></tr> <tr><td>enumeration</td><td>OS</td><td></td></tr> <tr><td>enumeration</td><td>RF</td><td></td></tr> <tr><td>enumeration</td><td>SD</td><td></td></tr> <tr><td>enumeration</td><td>SL</td><td></td></tr> <tr><td>enumeration</td><td>VE</td><td></td></tr> <tr><td>enumeration</td><td>TC</td><td></td></tr> <tr><td>enumeration</td><td>RH</td><td></td></tr> </tbody> </table> | Kind | Value | Annotation | enumeration | BX | | enumeration | BK | | enumeration | FL | | enumeration | HT | | enumeration | HC | | enumeration | IN | | enumeration | OT | | enumeration | HH | | enumeration | PW | | enumeration | OS | | enumeration | RF | | enumeration | SD | | enumeration | SL | | enumeration | VE | | enumeration | TC | | enumeration | RH | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | BX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | BK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | FL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | HT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | HC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | IN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | OT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | HH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | PW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | OS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | RF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | SD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | SL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | VE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | TC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | RH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | |
|--|---|
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|--|---|

element **IncotermCode**

| diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|-----|---------------------------------------|-------------|-----|--------------------------------|-------------|-----|--|-------------|-----|-----------------------------------|-------------|-----|--|-------------|-----|------------------------|-------------|-----|----------------------------|-------------|-----|----------------------------------|-------------|-----|-------------------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>CIP</td> <td>Carriage Insurance Paid documentation</td> </tr> <tr> <td>enumeration</td> <td>CPT</td> <td>Carriage Paid To documentation</td> </tr> <tr> <td>enumeration</td> <td>DAF</td> <td>Delivered At Frontier (deprecated in 2011-01-01) documentation</td> </tr> <tr> <td>enumeration</td> <td>DDP</td> <td>Delivered Duty Paid documentation</td> </tr> <tr> <td>enumeration</td> <td>DDU</td> <td>Delivered Duty Unpaid (deprecated in 2011-01-01) documentation</td> </tr> <tr> <td>enumeration</td> <td>EXW</td> <td>EX Works documentation</td> </tr> <tr> <td>enumeration</td> <td>FCA</td> <td>Free Carrier documentation</td> </tr> <tr> <td>enumeration</td> <td>DAP</td> <td>Delivered At Place documentation</td> </tr> <tr> <td>enumeration</td> <td>DAT</td> <td>Delivered At Terminal documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | CIP | Carriage Insurance Paid documentation | enumeration | CPT | Carriage Paid To documentation | enumeration | DAF | Delivered At Frontier (deprecated in 2011-01-01) documentation | enumeration | DDP | Delivered Duty Paid documentation | enumeration | DDU | Delivered Duty Unpaid (deprecated in 2011-01-01) documentation | enumeration | EXW | EX Works documentation | enumeration | FCA | Free Carrier documentation | enumeration | DAP | Delivered At Place documentation | enumeration | DAT | Delivered At Terminal documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CIP | Carriage Insurance Paid documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CPT | Carriage Paid To documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | DAF | Delivered At Frontier (deprecated in 2011-01-01) documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | DDP | Delivered Duty Paid documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | DDU | Delivered Duty Unpaid (deprecated in 2011-01-01) documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | EXW | EX Works documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | FCA | Free Carrier documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | DAP | Delivered At Place documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | DAT | Delivered At Terminal documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | documentation Incoterm (given by the client) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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element **InfoOnGoodsShapeTypeDanger**

| | |
|------------|--|
| diagram |  InfoOnGoodsShapeTypeDanger Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1 |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | content simple |

| | | | |
|------------|--|----------|--|
| facets | Kind enumeration | Value 01 | Annotation documentation |
| | enumeration | 02 | Container documentation |
| | enumeration | 03 | Other intermodal traffic documentation |
| | enumeration | 06 | Rolling road (RR) documentation |
| | enumeration | 10 | Semi-Trailer on bogies documentation |
| | enumeration | 14 | 1 - danger of explosion (subclass 1.1, 1.2, 1.3) documentation |
| | enumeration | 15 | 1.4 - danger of explosion (subclass 1.4) documentation |
| | enumeration | 16 | 1.5 - danger of explosion (subclass 1.5) documentation |
| | enumeration | 21 | 1.6 - danger of explosion (subclass 1.6) documentation |
| | enumeration | 22 | 2.1 - inflammable gases documentation |
| | enumeration | 23 | 2.2 - non inflammable,non-toxic gases documentation |
| | enumeration | 30 | 2.3 - toxic gases documentation |
| | enumeration | 41 | 3 - fire hazard (inflammable liquids) documentation |
| | enumeration | 42 | 4.1 - fire hazard (inflammable solids) documentation |
| | enumeration | 43 | 4.2 - spontaneously inflammable documentation |
| | enumeration | 51 | 4.3 - gives off inflammable gas on contact with water documentation |
| | enumeration | 52 | 5.1 - combustible substance documentation |
| | enumeration | 61 | 5.2 - organic peroxide documentation |
| | enumeration | 62 | 6.1 - toxic substance documentation |
| | enumeration | 71 | 6.2 - infectious substance documentation |
| | enumeration | 72 | 7A - radioactive substance in category I packing WHITE documentation |
| | enumeration | 73 | 7B - radioactive substance in category II packing YELLOW documentation |
| | enumeration | 74 | 7C - radioactive substance in category III packing YELLOW documentation |
| | enumeration | 75 | 7D - Common label for radioactive substances included under 7A, 7B + 7C documentation |
| | enumeration | 76 | 7E - fissile substance documentation |
| | enumeration | 80 | 8 - corrosive substance documentation |
| | enumeration | 90 | Various dangerous substance and objects not covered by the other classes documentation |
| | enumeration | 96 | Environmentally hazardous substance (RID 5.2.1.8) documentation |
| | enumeration | 97 | More than 8 tons of dangerous goods packaged in limited quantities (LQ) documentation |
| | enumeration | 98 | Livestock documentation |
| | enumeration | 99 | Perishables documentation |
| annotation | Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1 | | |

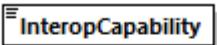
| | |
|--------|--|
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| | |
|--|---|
| | <pre></xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|---|

element **InteropCapability**

| diagram |  <p>Identification of the general interoperability capability of the wagon.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|---|--|-------------|---|---------------------------|-------------|---|--|-------------|---|----------------------|-------------|---|----------------------|-------------|---|-------------------------|-------------|---|-------------------------|-------------|---|--------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation National</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Bi-/Multilateral (with agreement or authorisation grid)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation RIV</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation TEN</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation TEN-GE</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation TEN-CW</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation TEN RIV</td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 2 | | enumeration | 1 | documentation National | enumeration | 2 | documentation Bi-/Multilateral (with agreement or authorisation grid) | enumeration | 3 | documentation RIV | enumeration | 5 | documentation TEN | enumeration | 6 | documentation TEN-GE | enumeration | 7 | documentation TEN-CW | enumeration | 8 | documentation TEN RIV |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| totalDigits | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation National | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation Bi-/Multilateral (with agreement or authorisation grid) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation RIV | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | documentation TEN | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | documentation TEN-GE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | documentation TEN-CW | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | documentation TEN RIV | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Identification of the general interoperability capability of the wagon.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre><xs:element name="InteropCapability"> <xs:annotation> <xs:documentation>Identification of the general interoperability capability of the wagon.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="2"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>National</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bi-/Multilateral (with agreement or authorisation grid)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>RIV</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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element **JourneyLocationTypeCode**

| diagram |  JourneyLocationTypeCode | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|---|-------|------------|-------------|----|-------------------------|-------------|----|-------------------------------|-------------|----|------------------------------|-------------|----|---------------------------|-------------|----|------------------------------|-------------|----|---|-------------|----|-------------------------------|-------------|----|-----------------------|-------------|----|---------------------------------|-------------|----|-----------------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>01</td> <td>documentation Origin</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation Intermediate</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation Destination</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation Handover</td> </tr> <tr> <td>enumeration</td> <td>05</td> <td>documentation Interchange</td> </tr> <tr> <td>enumeration</td> <td>06</td> <td>documentation Handover and Interchange</td> </tr> <tr> <td>enumeration</td> <td>07</td> <td>documentation State Border</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation None</td> </tr> <tr> <td>enumeration</td> <td>09</td> <td>documentation Network border</td> </tr> <tr> <td>enumeration</td> <td>99</td> <td>documentation Mutually Defined</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 01 | documentation Origin | enumeration | 02 | documentation Intermediate | enumeration | 03 | documentation Destination | enumeration | 04 | documentation Handover | enumeration | 05 | documentation Interchange | enumeration | 06 | documentation Handover and Interchange | enumeration | 07 | documentation State Border | enumeration | 08 | documentation None | enumeration | 09 | documentation Network border | enumeration | 99 | documentation Mutually Defined |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation Origin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation Intermediate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation Destination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation Handover | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 05 | documentation Interchange | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 06 | documentation Handover and Interchange | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 07 | documentation State Border | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 08 | documentation None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 09 | documentation Network border | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 99 | documentation Mutually Defined | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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element **LivestockOrPeopleIndicator**

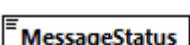
| diagram |  LivestockOrPeopleIndicator | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|---|--|-------------|---|--|
| | Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.' | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | | enumeration | 1 | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 0 | | | | | | | | | |
| enumeration | 1 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</p> | | | | | | | | | |
| source | <pre><xs:element name="LivestockOrPeopleIndicator"> <xs:annotation> <xs:documentation>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | |

element **LoadTableStars**

| diagram |  LoadTableStars | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|---|--|-------------|---|---------------|--|--|--|
| | Number of load table stars. | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Authorised to run in trains up to 100 km/h with a brake that does not meet all the</td> </tr> </tbody> </table> | Kind | Value | Annotation | totalDigits | 1 | | enumeration | 1 | documentation | | | Authorised to run in trains up to 100 km/h with a brake that does not meet all the |
| Kind | Value | Annotation | | | | | | | | | | | |
| totalDigits | 1 | | | | | | | | | | | | |
| enumeration | 1 | documentation | | | | | | | | | | | |
| | | Authorised to run in trains up to 100 km/h with a brake that does not meet all the | | | | | | | | | | | |

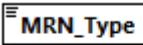
| | |
|------------|---|
| | <p>enumeration 2 requirements for S (100 km/h) conditions. documentation</p> <p>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</p> <p>enumeration 3 documentation</p> <p>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</p> |
| annotation | documentation Number of load table stars. |
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element **MessageStatus**

| diagram |  <p>Assigned by the Sender 1=creation, 2=modification, 3=deletion</p> | | | | | | |
|-------------|--|---------------|-------|------------|-------------|---|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | |
| type | restriction of xs:token | | | | | | |
| properties | content simple | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | documentation |
| Kind | Value | Annotation | | | | | |
| enumeration | 1 | documentation | | | | | |

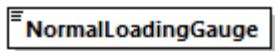
| | |
|------------|--|
| | <p>enumeration 2 creation documentation modification</p> <p>enumeration 3 documentation deletion</p> |
| annotation | documentation Assigned by the Sender 1=creation, 2=modification, 3=deletion |
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element **MRN_Type**

| | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|-------|--|-------------|-------|--|-------------|--------|---|-------------|---------|---|-------------|---------|--|
| diagram |  <p>Type of MRN given, CODE: CIT GLV-CIM appendix 2</p> | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>MRN-E</td> <td>documentation if an EXPORT declaration has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-T</td> <td>documentation if a TRANSIT declaration has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-TS</td> <td>documentation if a TRANSIT declaration with SECURITY data has been lodged</td> </tr> <tr> <td>enumeration</td> <td>MRN-EXS</td> <td>documentation if the EXIT SUMMARY declaration has been made separately by the consignor</td> </tr> <tr> <td>enumeration</td> <td>MRN-ENS</td> <td>documentation if the ENTRY SUMMARY declaration has been made separately by the consignor</td> </tr> </table> | Kind | Value | Annotation | enumeration | MRN-E | documentation if an EXPORT declaration has been lodged | enumeration | MRN-T | documentation if a TRANSIT declaration has been lodged | enumeration | MRN-TS | documentation if a TRANSIT declaration with SECURITY data has been lodged | enumeration | MRN-EXS | documentation if the EXIT SUMMARY declaration has been made separately by the consignor | enumeration | MRN-ENS | documentation if the ENTRY SUMMARY declaration has been made separately by the consignor |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | |
| enumeration | MRN-E | documentation if an EXPORT declaration has been lodged | | | | | | | | | | | | | | | | | |
| enumeration | MRN-T | documentation if a TRANSIT declaration has been lodged | | | | | | | | | | | | | | | | | |
| enumeration | MRN-TS | documentation if a TRANSIT declaration with SECURITY data has been lodged | | | | | | | | | | | | | | | | | |
| enumeration | MRN-EXS | documentation if the EXIT SUMMARY declaration has been made separately by the consignor | | | | | | | | | | | | | | | | | |
| enumeration | MRN-ENS | documentation if the ENTRY SUMMARY declaration has been made separately by the consignor | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation Type of MRN given, CODE: CIT GLV-CIM appendix 2</p> | | | | | | | | | | | | | | | | | | |

| | |
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element **NormalLoadingGauge**

| | |
|---------|--|
| diagram |  |
| | <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used....</p> |

namespace <http://www.era.europa.eu/schemes/TAFTSI/3.4>

| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>G1</td><td></td></tr> <tr><td>enumeration</td><td>G2</td><td></td></tr> <tr><td>enumeration</td><td>GA</td><td></td></tr> <tr><td>enumeration</td><td>GB</td><td></td></tr> <tr><td>enumeration</td><td>GC</td><td></td></tr> <tr><td>enumeration</td><td>GB1</td><td></td></tr> <tr><td>enumeration</td><td>GB2</td><td></td></tr> <tr><td>enumeration</td><td>GB-M6</td><td></td></tr> <tr><td>enumeration</td><td>GHE16</td><td></td></tr> <tr><td>enumeration</td><td>W6-A</td><td></td></tr> <tr><td>enumeration</td><td>SEa</td><td></td></tr> </tbody> </table> | Kind | Value | Annotation | enumeration | G1 | | enumeration | G2 | | enumeration | GA | | enumeration | GB | | enumeration | GC | | enumeration | GB1 | | enumeration | GB2 | | enumeration | GB-M6 | | enumeration | GHE16 | | enumeration | W6-A | | enumeration | SEa | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | G2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | GA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | GB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | GC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | GB1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | GB2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | GB-M6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | GHE16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | W6-A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | SEa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="NormalLoadingGauge"> <xs:annotation> <xs:documentation> All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273- 2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G1"/> <xs:enumeration value="G2"/> <xs:enumeration value="GA"/> <xs:enumeration value="GB"/> <xs:enumeration value="GC"/> <xs:enumeration value="GB1"/> <xs:enumeration value="GB2"/> <xs:enumeration value="GB-M6"/> <xs:enumeration value="GHE16"/> <xs:enumeration value="W6-A"/> <xs:enumeration value="SEa"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

element **PackingGroup**

| diagram |  <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> | | | | | | | | | | | | |
|-------------|---|--------------------------------|-------|------------|-------------|---|------------------------------|-------------|----|--------------------------------|-------------|-----|-----------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>I</td> <td>documentation High danger</td> </tr> <tr> <td>enumeration</td> <td>II</td> <td>documentation Medium danger</td> </tr> <tr> <td>enumeration</td> <td>III</td> <td>documentation Low danger</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | I | documentation High danger | enumeration | II | documentation Medium danger | enumeration | III | documentation Low danger |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | I | documentation High danger | | | | | | | | | | | |
| enumeration | II | documentation Medium danger | | | | | | | | | | | |
| enumeration | III | documentation Low danger | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> | | | | | | | | | | | | |
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| | |
|--|---|
| | <pre></xs:simpleType> </xs:element></pre> |
|--|---|

element **PrepaidcodeCarrier**

| diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--|-------|------------|-------------|----|----------------------------------|-------------|----|---|-------------|----|---|-------------|----|--|-------------|----|---|-------------|----|---|-------------|----|--|-------------|----|---|-------------|----|------------------------------------|-------------|----|-------------------------------|-------------|----|--------------------------------------|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|-------------------------------------|-------------|----|------------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td>documentation prepaid freight</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation prepaid freight including...</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation prepaid freight including...up to border of origin country</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation prepaid freight including...up to exit border of last transit country</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation prepaid freight including...up to exit border of other countries</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation prepaid freight up to border of origin country</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation prepaid freight up to exit border of last transit country</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>documentation prepaid freight up to exit border of other countries</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>documentation prepaid all costs</td> </tr> <tr> <td>enumeration</td> <td>42</td> <td>documentation Free carrier</td> </tr> <tr> <td>enumeration</td> <td>43</td> <td>documentation Carriage paid to...</td> </tr> <tr> <td>enumeration</td> <td>44</td> <td>documentation Delivered duty unpaid</td> </tr> <tr> <td>enumeration</td> <td>45</td> <td>documentation Carriage insurance paid</td> </tr> <tr> <td>enumeration</td> <td>46</td> <td>documentation Delivered at terminal</td> </tr> <tr> <td>enumeration</td> <td>47</td> <td>documentation Delivered at place</td> </tr> <tr> <td>enumeration</td> <td>90</td> <td>documentation not prepaid</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 10 | documentation prepaid freight | enumeration | 11 | documentation prepaid freight including... | enumeration | 12 | documentation prepaid freight including...up to border of origin country | enumeration | 13 | documentation prepaid freight including...up to exit border of last transit country | enumeration | 14 | documentation prepaid freight including...up to exit border of other countries | enumeration | 15 | documentation prepaid freight up to border of origin country | enumeration | 16 | documentation prepaid freight up to exit border of last transit country | enumeration | 17 | documentation prepaid freight up to exit border of other countries | enumeration | 20 | documentation prepaid all costs | enumeration | 42 | documentation Free carrier | enumeration | 43 | documentation Carriage paid to... | enumeration | 44 | documentation Delivered duty unpaid | enumeration | 45 | documentation Carriage insurance paid | enumeration | 46 | documentation Delivered at terminal | enumeration | 47 | documentation Delivered at place | enumeration | 90 | documentation not prepaid |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation prepaid freight | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation prepaid freight including... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | documentation prepaid freight including...up to border of origin country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation prepaid freight including...up to exit border of last transit country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | documentation prepaid freight including...up to exit border of other countries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | documentation prepaid freight up to border of origin country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | documentation prepaid freight up to exit border of last transit country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 17 | documentation prepaid freight up to exit border of other countries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 20 | documentation prepaid all costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 42 | documentation Free carrier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 43 | documentation Carriage paid to... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 44 | documentation Delivered duty unpaid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 45 | documentation Carriage insurance paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 46 | documentation Delivered at terminal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 47 | documentation Delivered at place | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 90 | documentation not prepaid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | documentation Prepaidcode (given by the railway) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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    </xs:annotation>
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last transit country </xs:documentation>
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other countries </xs:documentation>
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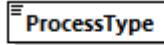
element **PrepaidCodeCustomer**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|-------|--|-------|------------|--|--|----|----------------------------------|--|-------------|----|---|--|-------------|----|---|--|-------------|----|--|--|-------------|----|---|--|-------------|----|---|--|-------------|----|--|--|-------------|----|---|--|-------------|----|------------------------------------|
| diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <tbody> <tr> <td>Kind</td> <td>enumeration</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td></td> <td></td> <td>10</td> <td>documentation prepaid freight</td> </tr> <tr> <td></td> <td>enumeration</td> <td>11</td> <td>documentation prepaid freight including...</td> </tr> <tr> <td></td> <td>enumeration</td> <td>12</td> <td>documentation prepaid freight including...up to border of origin country</td> </tr> <tr> <td></td> <td>enumeration</td> <td>13</td> <td>documentation prepaid freight including...up to exit border of last transit country</td> </tr> <tr> <td></td> <td>enumeration</td> <td>14</td> <td>documentation prepaid freight including...up to exit border of other countries</td> </tr> <tr> <td></td> <td>enumeration</td> <td>15</td> <td>documentation prepaid freight up to border of origin country</td> </tr> <tr> <td></td> <td>enumeration</td> <td>16</td> <td>documentation prepaid freight up to exit border of last transit country</td> </tr> <tr> <td></td> <td>enumeration</td> <td>17</td> <td>documentation prepaid freight up to exit border of other countries</td> </tr> <tr> <td></td> <td>enumeration</td> <td>20</td> <td>documentation prepaid all costs</td> </tr> </tbody> </table> | Kind | enumeration | Value | Annotation | | | 10 | documentation prepaid freight | | enumeration | 11 | documentation prepaid freight including... | | enumeration | 12 | documentation prepaid freight including...up to border of origin country | | enumeration | 13 | documentation prepaid freight including...up to exit border of last transit country | | enumeration | 14 | documentation prepaid freight including...up to exit border of other countries | | enumeration | 15 | documentation prepaid freight up to border of origin country | | enumeration | 16 | documentation prepaid freight up to exit border of last transit country | | enumeration | 17 | documentation prepaid freight up to exit border of other countries | | enumeration | 20 | documentation prepaid all costs |
| Kind | enumeration | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10 | documentation prepaid freight | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 11 | documentation prepaid freight including... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 12 | documentation prepaid freight including...up to border of origin country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 13 | documentation prepaid freight including...up to exit border of last transit country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 14 | documentation prepaid freight including...up to exit border of other countries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 15 | documentation prepaid freight up to border of origin country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 16 | documentation prepaid freight up to exit border of last transit country | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 17 | documentation prepaid freight up to exit border of other countries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | enumeration | 20 | documentation prepaid all costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|------------|--|--|
| | enumeration 42 documentation Free carrier | |
| | enumeration 43 documentation Carriage paid to... | |
| | enumeration 44 documentation Delivered duty unpaid | |
| | enumeration 45 documentation Carriage insurance paid | |
| | enumeration 46 documentation Delivered at terminal | |
| | enumeration 47 documentation Delivered at place | |
| | enumeration 90 documentation not prepaid | |
| annotation | documentation Prepaidcode (given by the customer) | |
| source | <pre><xs:element name="PrepaidCodeCustomer"> <xs:annotation> <xs:documentation>Prepaidcode (given by the customer)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>prepaid freight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>prepaid freight including... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>prepaid freight including...up to border of origin country</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of last transit country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of other countries </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>prepaid freight up to border of origin country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>prepaid freight up to exit border of last </pre> | |

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element **ProcessType**

| diagram |  Business process type to further distinguish among type of requests. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|-------|------------|-------------|---|---|-------------|---|--|-------------|---|---|-------------|---|---|-------------|---|--|-------------|---|---|-------------|---|--|-------------|---|---|-------------|---|---|-------------|----|--|-------------|----|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation New Path Request and allocation process for annual timetable</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Late Path Request and allocation process for annual timetable</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Ad hoc path request and allocation process</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Rolling Planning path request and allocation process</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Feasibility Study process</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Path Modification process (triggered by applicant)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Path Alteration process (triggered by IM)</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Pre-arranged Path publication by RFC</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation Catalogue Path publication by IM</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Path Cancellation process</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Path Utilisation notification process</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation New Path Request and allocation process for annual timetable | enumeration | 1 | documentation Late Path Request and allocation process for annual timetable | enumeration | 2 | documentation Ad hoc path request and allocation process | enumeration | 3 | documentation Rolling Planning path request and allocation process | enumeration | 4 | documentation Feasibility Study process | enumeration | 5 | documentation Path Modification process (triggered by applicant) | enumeration | 6 | documentation Path Alteration process (triggered by IM) | enumeration | 7 | documentation Pre-arranged Path publication by RFC | enumeration | 8 | documentation Catalogue Path publication by IM | enumeration | 10 | documentation Path Cancellation process | enumeration | 11 | documentation Path Utilisation notification process |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | documentation New Path Request and allocation process for annual timetable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation Late Path Request and allocation process for annual timetable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation Ad hoc path request and allocation process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation Rolling Planning path request and allocation process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | documentation Feasibility Study process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | documentation Path Modification process (triggered by applicant) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | 7 | documentation Pre-arranged Path publication by RFC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| enumeration | 10 | documentation Path Cancellation process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation Path Utilisation notification process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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element **ReasonOfReference**

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| annotation | | <p>documentation Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier.</p> <p>List of codes for element ReasonOfReference: 1000 = Same path offer is desired as for stated PathRequestMessage (Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible).</p> | |

| | |
|--|---|
| | <p>RPTID: All others PathRequestIDs).</p> <p>1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID).</p> <p>1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID).</p> <p>1003 = Partial replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to be changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).</p> <p>1004 = Reference to sub train of Y-train bundle (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)</p> <p>1005 = Reference to main train of Y-train bundle (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)</p> <p>1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)</p> <p>1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)</p> <p>1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).</p> <p>1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).</p> <p>1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path.</p> <p>New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)</p> <p>1013 = Replaced path after modification by ResponsibleApplicant (Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)</p> |
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| | <p>1014 = New Route (Additional information: Reference to previous Route replaced by the new Route)</p> <p>1015 = Updated Route (Additional information: Reference to the Route that is updated)</p> <p>5001 = Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes:</p> <p>DE01 = Reference to an associated empty/transfer train (Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)</p> <p>DE02 = Reference to an associated main run (Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)</p> <p>DE03 = Notice stated PathRequestMessage (Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.)</p> <p>DE04 = Replacement of stated train (Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)</p> <p>DE05 = Reference to a reserved capacity (Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)</p> <p>DE06 = Use of same OTN as of stated train (Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family. The trains have only slightly differences on various days. RPTID: TrainID.)</p> |
| source | <pre><xs:element name="ReasonOfReference"> <xs:annotation> <xs:documentation>Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier.</pre> <p>List of codes for element ReasonOfReference:</p> <p>1000 = Same path offer is desired as for stated PathRequestMessage (Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible). RPTID: All others PathRequestIDs).</p> <p>1001 = Same path is desired as for stated train/path (Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant (if it is possible) as for stated train/path (may be in a previous period). RPTID: TrainID or PathID).</p> <p>1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path</p> |

| | |
|--|---|
| | <p>doesn't exist anymore. RPTID: PathID).</p> <p>1003 = Partial replacement of stated previous path (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).</p> <p>1004 = Reference to sub train of Y-train bundle (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)</p> <p>1005 = Reference to main train of Y-train bundle (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)</p> <p>1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)</p> <p>1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)</p> <p>1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).</p> <p>1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).</p> <p>1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)</p> <p>1013 = Replaced path after modification by ResponsibleApplicant</p> |
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| | |
|--|---|
| | <p>(Additional information: Reference to replaced path when IM is making an offer after receiving PathRequestMessage sent by RA for modification of booked path. Code is used only in Path Modification process in PathDetailsMessage. RPTID: PathID.)</p> <p>1014 = New Route (Additional information: Reference to previous Route replaced by the new Route)</p> <p>1015 = Updated Route (Additional information: Reference to the Route that is updated) 5001 = Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes:</p> <p>DE01 = Reference to an associated empty/transfer train (Additional information: Stated train is a related train without passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)</p> <p>DE02 = Reference to an associated main run (Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)</p> <p>DE03 = Notice stated PathRequestMessage (Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.)</p> <p>DE04 = Replacement of stated train (Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)</p> <p>DE05 = Reference to a reserved capacity (Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)</p> <p>DE06 = Use of same OTN as of stated train (Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family. The trains have only slightly differences on various days. RPTID: TrainID.)</p> <pre></xs:documentation> </xs:annotation> <xss:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> <xs:enumeration value="1000"> <xs:annotation> <xs:documentation>Same path offer is desired as for stated PathRequestMessage</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1001"> <xs:annotation> <xs:documentation>Same path is desired as for stated train/path</xs:documentation> </xs:annotation></pre> |
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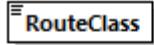
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| properties | content simple | | | | | | | | | |
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| enumeration | 1 | documentation Data not authorised by Wagon Keeper | | | | | | | | |
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element **RollingRoadUnitType**

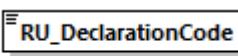
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| type | restriction of xs:token | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>HGZ</td> <td>documentation articulated lorry</td> </tr> <tr> <td>enumeration</td> <td>SAL</td> <td>documentation semi-trailer</td> </tr> <tr> <td>enumeration</td> <td>MW</td> <td>documentation motor vehicle</td> </tr> <tr> <td>enumeration</td> <td>ANH</td> <td>documentation trailer</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | HGZ | documentation articulated lorry | enumeration | SAL | documentation semi-trailer | enumeration | MW | documentation motor vehicle | enumeration | ANH | documentation trailer |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| enumeration | HGZ | documentation articulated lorry | | | | | | | | | | | | | | |
| enumeration | SAL | documentation semi-trailer | | | | | | | | | | | | | | |
| enumeration | MW | documentation motor vehicle | | | | | | | | | | | | | | |
| enumeration | ANH | documentation trailer | | | | | | | | | | | | | | |
| annotation | documentation <i>Type of Rolling Road unit on Wagon</i> | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="RollingRoadUnitType"> <xs:annotation> <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="HGZ"> <xs:annotation> <xs:documentation>articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAL"> <xs:annotation> <xs:documentation>semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MW"> <xs:annotation> <xs:documentation>motor vehicle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ANH"> <xs:annotation> <xs:documentation>trailer</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | | | | | | | |

element **RouteClass**

| diagram |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|------------|-------|------------|-----------|---|--|-----------|---|--|-------------|---|--|-------------|---|--|-------------|----|--|-------------|----|--|-------------|---|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|-----|--|-------------|-----|--|-------------|-----|--|-------------|----|--|-------------|---|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|---|--|-------------|----|--|-------------|----|--|-------------|----|--|-------------|---|--|-------------|---|--|
| | Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:string | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>minLength</td><td>1</td><td></td></tr> <tr><td>maxLength</td><td>3</td><td></td></tr> <tr><td>enumeration</td><td>A</td><td></td></tr> <tr><td>enumeration</td><td>B</td><td></td></tr> <tr><td>enumeration</td><td>B1</td><td></td></tr> <tr><td>enumeration</td><td>B2</td><td></td></tr> <tr><td>enumeration</td><td>C</td><td></td></tr> <tr><td>enumeration</td><td>C2</td><td></td></tr> <tr><td>enumeration</td><td>C3</td><td></td></tr> <tr><td>enumeration</td><td>C4</td><td></td></tr> <tr><td>enumeration</td><td>CM</td><td></td></tr> <tr><td>enumeration</td><td>CM2</td><td></td></tr> <tr><td>enumeration</td><td>CM3</td><td></td></tr> <tr><td>enumeration</td><td>CM4</td><td></td></tr> <tr><td>enumeration</td><td>CE</td><td></td></tr> <tr><td>enumeration</td><td>D</td><td></td></tr> <tr><td>enumeration</td><td>D2</td><td></td></tr> <tr><td>enumeration</td><td>D3</td><td></td></tr> <tr><td>enumeration</td><td>D4</td><td></td></tr> <tr><td>enumeration</td><td>D5</td><td></td></tr> <tr><td>enumeration</td><td>E</td><td></td></tr> <tr><td>enumeration</td><td>E4</td><td></td></tr> <tr><td>enumeration</td><td>E5</td><td></td></tr> <tr><td>enumeration</td><td>E6</td><td></td></tr> <tr><td>enumeration</td><td>F</td><td></td></tr> <tr><td>enumeration</td><td>G</td><td></td></tr> </tbody> </table> | Kind | Value | Annotation | minLength | 1 | | maxLength | 3 | | enumeration | A | | enumeration | B | | enumeration | B1 | | enumeration | B2 | | enumeration | C | | enumeration | C2 | | enumeration | C3 | | enumeration | C4 | | enumeration | CM | | enumeration | CM2 | | enumeration | CM3 | | enumeration | CM4 | | enumeration | CE | | enumeration | D | | enumeration | D2 | | enumeration | D3 | | enumeration | D4 | | enumeration | D5 | | enumeration | E | | enumeration | E4 | | enumeration | E5 | | enumeration | E6 | | enumeration | F | | enumeration | G | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minLength | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| maxLength | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | B1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | B2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | C2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | C3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | C4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CM2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CM3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CM4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | CE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | D2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | D3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | D4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | D5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | E4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | E5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | E6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--------|--|
| source | <pre> <xs:element name="RouteClass"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="3"/> <xs:enumeration value="A"/> <xs:enumeration value="B"/> <xs:enumeration value="B1"/> <xs:enumeration value="B2"/> <xs:enumeration value="C"/> <xs:enumeration value="C2"/> <xs:enumeration value="C3"/> <xs:enumeration value="C4"/> <xs:enumeration value="CM"/> <xs:enumeration value="CM2"/> <xs:enumeration value="CM3"/> <xs:enumeration value="CM4"/> <xs:enumeration value="CE"/> <xs:enumeration value="D"/> <xs:enumeration value="D2"/> <xs:enumeration value="D3"/> <xs:enumeration value="D4"/> <xs:enumeration value="D5"/> <xs:enumeration value="E"/> <xs:enumeration value="E4"/> <xs:enumeration value="E5"/> <xs:enumeration value="E6"/> <xs:enumeration value="F"/> <xs:enumeration value="G"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--------|--|

element RU_DeclarationCode

| diagram |  <p>Carrier declaration code.</p> | | | | | | | | | |
|-------------|--|----------------------------------|-------|------------|-------------|---|----------------------------------|-------------|---|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation Without packing</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | documentation Without packing | enumeration | 2 | documentation |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 1 | documentation Without packing | | | | | | | | |
| enumeration | 2 | documentation | | | | | | | | |

| | | |
|------------|-----------------|--|
| | enumeration 3 | Unsatisfactory packaging: ...(give details) documentation |
| | enumeration 4.1 | Insufficient packaging: ... (give details) documentation |
| | enumeration 4.2 | Goods clearly in poor condition: ... (give details) documentation |
| | enumeration 4.3 | Goods damaged:(give details) documentation |
| | enumeration 4.4 | Goods wet: ... (give details) documentation |
| | enumeration 5 | Goods frozen: ... (give details) documentation |
| | enumeration 6 | Loaded by the consignor documentation |
| | enumeration 7 | Loaded by the carrier in inclement weather at the request of the consignor documentation |
| | enumeration 8 | Unloaded by the consignee documentation |
| | enumeration 9.1 | Unloaded by the carrier in ... documentation |
| | enumeration 9.2 | Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather documentation |
| | enumeration 9.3 | Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU documentation |
| | enumeration 10 | Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible documentation |
| | enumeration 11 | Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor documentation |
| | enumeration 12 | Examination not made because of a shortage of resources: ... (give details) documentation |
| | enumeration 13 | Other reserves: ... (give details) documentation Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note. |
| annotation | | documentation Carrier declaration code. |
| source | | <pre> <xs:element name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory packaging: ...(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... (give </pre> |

```
details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.1">
    <xs:annotation>
        <xs:documentation>Goods clearly in poor condition: ... (give
details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.2">
    <xs:annotation>
        <xs:documentation>Goods damaged:(give details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.3">
    <xs:annotation>
        <xs:documentation>Goods wet: ... (give details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.4">
    <xs:annotation>
        <xs:documentation>Goods frozen: ... (give
details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
    <xs:annotation>
        <xs:documentation>Loaded by the consignor</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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        <xs:documentation>Loaded by the carrier in inclement weather at
the request of the consignor </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
    <xs:annotation>
        <xs:documentation>Unloaded by the consignee</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
    <xs:annotation>
        <xs:documentation>Unloaded by the carrier in
...</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.1">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of inclement weather </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.2">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
```

| | |
|--|--|
| | <pre> 11 section 3, because of sealing of the wagon or ITU </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.3"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Other reserves: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |
|--|--|

element **TractionMode**

| | |
|------------|---|
| diagram |  <p>Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role</p> |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:integer |
| properties | content simple |
| facets | Kind Value Annotation |

| | | | |
|--|--------------|----|--|
| | minInclusive | 11 | |
| | maxInclusive | 99 | |
| | enumeration | 11 | documentation Train traction - 1st traction unit in the group |
| | enumeration | 21 | documentation Intermediate traction - 1st traction unit in the group |
| | enumeration | 31 | documentation Banking locomotive - 1st traction unit in the group |
| | enumeration | 41 | documentation Banking locomotive not coupled - 1st traction unit in the group |
| | enumeration | 51 | documentation No Leading Engine - 1st traction unit in the group |
| | enumeration | 12 | documentation Train traction - 2nd traction unit in the group |
| | enumeration | 22 | documentation Intermediate traction - 2nd traction unit in the group |
| | enumeration | 32 | documentation Banking locomotive - 2nd traction unit in the group |
| | enumeration | 42 | documentation Banking locomotive not coupled - 2nd traction unit in the group |
| | enumeration | 52 | documentation No Leading Engine - 2nd traction unit in the group |
| | enumeration | 13 | documentation Train traction - 3rd traction unit in the group |
| | enumeration | 23 | documentation Intermediate traction - 3rd traction unit in the group |
| | enumeration | 33 | documentation Banking locomotive - 3rd traction unit in the group |
| | enumeration | 43 | documentation Banking locomotive not coupled - 3rd traction unit in the group |
| | enumeration | 53 | documentation No Leading Engine - 3rd traction unit in the group |
| | enumeration | 14 | documentation Train traction - 4th traction unit in the group |
| | enumeration | 24 | documentation Intermediate traction - 4th traction unit in the group |
| | enumeration | 34 | documentation Banking locomotive - 4th traction unit in the group |
| | enumeration | 44 | documentation Banking locomotive not coupled - 4th traction unit in the group |
| | enumeration | 54 | documentation No Leading Engine - 4th traction unit in the group |
| | enumeration | 15 | documentation Train traction - 5th traction unit in the group |
| | enumeration | 25 | documentation Intermediate traction - 5th traction unit in the group |
| | enumeration | 35 | documentation Banking locomotive - 5th traction unit in the group |
| | enumeration | 45 | documentation Banking locomotive not coupled - 5th traction unit in the group |
| | enumeration | 55 | documentation No Leading Engine - 5th traction unit in the group |
| | enumeration | 16 | documentation Train traction - 6th traction unit in the group |
| | enumeration | 26 | documentation Intermediate traction - 6th traction unit in the group |
| | enumeration | 36 | documentation Banking locomotive - 6th traction unit in the group |
| | enumeration | 46 | documentation Banking locomotive not coupled - 6th traction unit in the group |
| | enumeration | 56 | documentation No Leading Engine - 6th traction unit in the group |

| | |
|------------|---|
| annotation | <p>documentation Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role</p> |
| source | <pre><xs:element name="TractionMode"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction within a train First digit - traction role Second digit - position in group of traction units with the same role </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="11"/> <xs:maxInclusive value="99"/> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Train traction - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Intermediate traction - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="31"> <xs:annotation> <xs:documentation>Banking locomotive - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="41"> <xs:annotation> <xs:documentation>Banking locomotive not coupled - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation>No Leading Engine - 1st traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Train traction - 2nd traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation>Intermediate traction - 2nd traction unit in the group</xs:documentation> </xs:annotation> </xs:enumeration></pre> |

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    <xs:documentation>Banking locomotive - 2nd traction unit in the
group</xs:documentation>
  </xs:annotation>
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unit in the group</xs:documentation>
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group</xs:documentation>
  </xs:annotation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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unit in the group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
  </xs:annotation>
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group</xs:documentation>
```

```
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group</xs:documentation>
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unit in the group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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group</xs:documentation>
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unit in the group</xs:documentation>
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group</xs:documentation>
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</xs:enumeration>
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group</xs:documentation>
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</xs:enumeration>
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```

| | |
|--|---|
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|--|---|

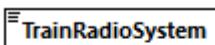
element **TractionType**

| | |
|------------|---|
| diagram | <p>TractionType</p> <p>Identifies the type of a locomotive:</p> <p>First digit:</p> <ul style="list-style-type: none"> "0" = not specified "1" = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) "2" = on-board traction power supply for traction without external electrical or other power supply available "3" = hybrid traction (both on-board or electric traction available) <p>Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014):</p> <ul style="list-style-type: none"> "0" = not specified "1" = locomotive or power unit "2" = trainset or multiple unit or railcar "3" = shunter "4" = on track machine or infrastructure inspection vehicle |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:token |
| properties | content simple |

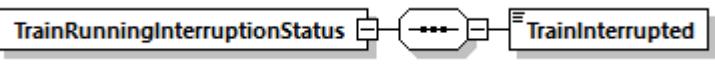
| | Kind | Value | Annotation |
|------------|---|-------|------------|
| facets | enumeration | 00 | |
| | enumeration | 01 | |
| | enumeration | 02 | |
| | enumeration | 03 | |
| | enumeration | 04 | |
| | enumeration | 10 | |
| | enumeration | 11 | |
| | enumeration | 12 | |
| | enumeration | 13 | |
| | enumeration | 14 | |
| | enumeration | 20 | |
| | enumeration | 21 | |
| | enumeration | 22 | |
| | enumeration | 23 | |
| | enumeration | 24 | |
| | enumeration | 30 | |
| | enumeration | 31 | |
| | enumeration | 32 | |
| | enumeration | 33 | |
| | enumeration | 34 | |
| annotation | <p>documentation Identifies the type of a locomotive: First digit: “0” = not specified “1” = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) “2” = on-board traction power supply for traction without external electrical or other power supply available “3” = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): “0” = not specified “1” = locomotive or power unit “2” = trainset or multiple unit or railcar “3” = shunter “4” = on track machine or infrastructure inspection vehicle</p> | | |
| source | <pre><xs:element name="TractionType"> <xs:annotation> <xs:documentation>Identifies the type of a locomotive: First digit: “0” = not specified “1” = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) “2” = on-board traction power supply for traction without external electrical or other power supply available “3” = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): “0” = not specified “1” = locomotive or power unit “2” = trainset or multiple unit or railcar “3” = shunter “4” = on track machine or infrastructure inspection vehicle </xs:documentation> </xs:annotation></pre> | | |

| | |
|--|--|
| | <pre> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

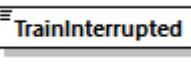
element **TrainRadioSystem**

| diagram |  <p>The on board radio system of the train in coded format</p> | | | | | | | | | |
|-------------|--|------------|-------|------------|-------------|---|--|-------------|---|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | | enumeration | 2 | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 1 | | | | | | | | | |
| enumeration | 2 | | | | | | | | | |
| annotation | <p>documentation</p> <p>The on board radio system of the train in coded format</p> | | | | | | | | | |
| source | <pre> <xs:element name="TrainRadioSystem"> <xs:annotation> <xs:documentation>The on board radio system of the train in coded format</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | | | | |

element **TrainRunningInterruptionStatus**

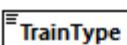
| | |
|------------|---|
| diagram |  |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| properties | content complex |
| children | TrainInterrupted |
| source | <pre><xs:element name="TrainRunningInterruptionStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> |

element **TrainRunningInterruptionStatus/TrainInterrupted**

| diagram |  | | | | | | | | | |
|-------------|--|----------------------------------|-------|------------|-------------|---|----------------------------------|-------------|---|---------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Not Interrupted</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation Not Interrupted | enumeration | 1 | documentation |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 0 | documentation Not Interrupted | | | | | | | | |
| enumeration | 1 | documentation | | | | | | | | |

| | | |
|--------|---------------|--|
| | enumeration 2 | Interrupted at location (default) documentation Will be interrupted, not yet at location |
| source | | <pre><xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Interrupted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Interrupted at location (default)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |

element TrainType

| diagram |  <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning.</p> | | | | | | | | | |
|-------------|---|----------------------------------|-------|------------|-------------|---|------------------------------|-------------|---|----------------------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
| type | restriction of xs:integer | | | | | | | | | |
| properties | content simple | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation Other train</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Passenger train</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 0 | documentation Other train | enumeration | 1 | documentation Passenger train |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | 0 | documentation Other train | | | | | | | | |
| enumeration | 1 | documentation Passenger train | | | | | | | | |

| | |
|------------|---|
| | <p>enumeration 2 documentation Freight train</p> <p>enumeration 3 documentation Light engine (locomotive train)</p> <p>enumeration 4 documentation Engineering train</p> <p>enumeration 5 documentation Emergency train</p> <p>enumeration 6 documentation Mixed train (passenger and freight train in combination)</p> |
| annotation | <p>documentation</p> <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:</p> <p>Transport of passengers</p> <p>Transport of freight/goods</p> <p>Transport of passengers and freight/goods</p> <p>Train only for run of traction unit/locomotive</p> <p>Train of the IM in case of emergency</p> <p>The element is not repeatable, and it does not support any overlapping meaning.</p> |
| source | <pre><xs:element name="TrainType"> <xs:annotation> <xs:documentation>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are: Transport of passengers Transport of freight/goods Transport of passengers and freight/goods Train only for run of traction unit/locomotive Train of the IM in case of emergency The element is not repeatable, and it does not support any overlapping meaning. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Other train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Passenger train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Freight train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Light engine (locomotive train)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Engineering train</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|--|--|
| | <pre> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Emergency train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Mixed train (passenger and freight train in combination)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

element **TypeOfRemovableAccessories**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|-------|--|-------|------------|--|----|--|---------------|--|----|--|---------------------|--|----|--|---------------|--|----|--|-----------------------------------|--|----|--|---------------|--|----|--|----------------------------------|--|----|--|---------------|--|----|--|---------------------|--|----|--|---------------|--|----|--|--|--|----|--|---------------|--|----|--|-----------------|--|----|--|---------------|--|----|--|--|--|----|--|---------------|--|----|--|--------------------------------------|--|----|--|---------------|--|----|--|-------------------------------|--|----|--|---------------|--|----|--|------------|--|----|--|---------------|--|----|--|-------------------|--|----|--|---------------|--|----|--|------------------|--|----|--|---------------|--|----|--|--|--|----|--|---------------|--|----|--|--|--|----|--|---------------|--|----|--|-------------------|--|----|--|---------------|--|----|--|---|
| diagram | <p>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <tbody> <tr> <td>Kind</td> <td>enumeration</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td></td> <td>01</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>02</td> <td></td> <td>Removable stanchion</td> </tr> <tr> <td></td> <td>03</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>04</td> <td></td> <td>Removable side flap of flat wagon</td> </tr> <tr> <td></td> <td>05</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>06</td> <td></td> <td>Removable end flap of flat wagon</td> </tr> <tr> <td></td> <td>07</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>08</td> <td></td> <td>Removable side rail</td> </tr> <tr> <td></td> <td>09</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>10</td> <td></td> <td>Removable intermediate upright for securing the load</td> </tr> <tr> <td></td> <td>11</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>12</td> <td></td> <td>Stanchion chain</td> </tr> <tr> <td></td> <td>13</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>14</td> <td></td> <td>Removable handle and wheel for winch on car-carrying wagon</td> </tr> <tr> <td></td> <td>15</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>16</td> <td></td> <td>Swivelling bolster (with stanchions)</td> </tr> <tr> <td></td> <td>17</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>18</td> <td></td> <td>Coupling rod (rigid coupling)</td> </tr> <tr> <td></td> <td>19</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>20</td> <td></td> <td>Ice bunker</td> </tr> <tr> <td></td> <td>21</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>22</td> <td></td> <td>Ice bunker screen</td> </tr> <tr> <td></td> <td>23</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>24</td> <td></td> <td>Ice bunker frame</td> </tr> <tr> <td></td> <td>25</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>26</td> <td></td> <td>Trestle or bar with hooks for hanging meat</td> </tr> <tr> <td></td> <td>27</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>28</td> <td></td> <td>Movable cross-member of wagon with low loading plane</td> </tr> <tr> <td></td> <td>29</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>30</td> <td></td> <td>Removable support</td> </tr> <tr> <td></td> <td>31</td> <td></td> <td>documentation</td> </tr> <tr> <td></td> <td>32</td> <td></td> <td>Mooring cross-member on wagon for special loads</td> </tr> </tbody> </table> | Kind | enumeration | Value | Annotation | | 01 | | documentation | | 02 | | Removable stanchion | | 03 | | documentation | | 04 | | Removable side flap of flat wagon | | 05 | | documentation | | 06 | | Removable end flap of flat wagon | | 07 | | documentation | | 08 | | Removable side rail | | 09 | | documentation | | 10 | | Removable intermediate upright for securing the load | | 11 | | documentation | | 12 | | Stanchion chain | | 13 | | documentation | | 14 | | Removable handle and wheel for winch on car-carrying wagon | | 15 | | documentation | | 16 | | Swivelling bolster (with stanchions) | | 17 | | documentation | | 18 | | Coupling rod (rigid coupling) | | 19 | | documentation | | 20 | | Ice bunker | | 21 | | documentation | | 22 | | Ice bunker screen | | 23 | | documentation | | 24 | | Ice bunker frame | | 25 | | documentation | | 26 | | Trestle or bar with hooks for hanging meat | | 27 | | documentation | | 28 | | Movable cross-member of wagon with low loading plane | | 29 | | documentation | | 30 | | Removable support | | 31 | | documentation | | 32 | | Mooring cross-member on wagon for special loads |
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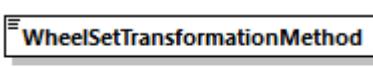
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| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>Metal cradles for rolls of metal sheeting</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation>Panel for covering markings</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="28"> <xs:annotation> <xs:documentation>Loading frame for special types of goods</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="29"> <xs:annotation> <xs:documentation>Headstock for "rolling roads"</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>Other wagon accessories</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **TypeOfUsedHybridPowerunit**

| diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|-------|------------|-------------|---|---------------|--|--|---------------------------------------|-------------|---|---------------|--|--|---|-------------|---|---------------|--|--|---------|-------------|---|---------------|--|--|----------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>electric (pantograph, conductor rail)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>liquid fuel (benzine, diesel, gasoline)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>battery</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>hydrogen</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 1 | documentation | | | electric (pantograph, conductor rail) | enumeration | 2 | documentation | | | liquid fuel (benzine, diesel, gasoline) | enumeration | 3 | documentation | | | battery | enumeration | 4 | documentation | | | hydrogen |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | electric (pantograph, conductor rail) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | liquid fuel (benzine, diesel, gasoline) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | battery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | hydrogen | | | | | | | | | | | | | | | | | | | | | | | | | | |
| annotation | documentation information about the type of power unit in case of using a hybrid locomotive | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| source | <xs:element name="TypeOfUsedHybridPowerunit"> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|---|
| | <pre> <xs:annotation> <xs:documentation>information about the type of power unit in case of using a hybrid locomotive</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>electric (pantograph, conductor rail)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>liquid fuel (benzine, diesel, gasoline)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>battery</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>hydrogen</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|---|

element **WheelSetTransformationMethod**

| | | | | | | | | | | | | | | | | |
|-------------|---|--------------------|-------|------------|-------------|---|---------------|--|--|-----------|-------------|---|---------------|--|--|--------------------|
| diagram |  <p>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</p> | | | | | | | | | | | | | | | |
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | |
| properties | content simple | | | | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Automatic</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Boogie/axle change</td> </tr> </table> | Kind | Value | Annotation | enumeration | 1 | documentation | | | Automatic | enumeration | 2 | documentation | | | Boogie/axle change |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| enumeration | 1 | documentation | | | | | | | | | | | | | | |
| | | Automatic | | | | | | | | | | | | | | |
| enumeration | 2 | documentation | | | | | | | | | | | | | | |
| | | Boogie/axle change | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</p> | | | | | | | | | | | | | | | |
| source | <pre> <xs:element name="WheelSetTransformationMethod"> <xs:annotation> <xs:documentation>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</xs:documentation> </xs:annotation> <xs:simpleType> </pre> | | | | | | | | | | | | | | | |

| | |
|--|--|
| | <pre> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Automatic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bogie/axle change</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre> |
|--|--|

simpleType ConsignmentTypeCode

| | | | | |
|------------|---|-------|---|--------------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | |
| type | restriction of xs:token | | | |
| properties | base xs:token | | | |
| facets | Kind | Value | Annotation | |
| | enumeration | CIM | documentation | |
| | | CIM | Convention Internationale Marchandises (OTIF) | Source: CIM (OTIF) |
| | enumeration | Other | | |
| annotation | documentation Identifies the type of a waybill. | | | |
| source | <pre> <xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType> </pre> | | | |

simpleType DelayCode

| | | | | |
|------------|---|-------|--|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | |
| type | restriction of xs:token | | | |
| properties | base xs:token | | | |
| facets | Kind | Value | Annotation | |
| | enumeration | 11 | documentation | |
| | | | Formation of trains if managed by infrastructure manager | |
| | enumeration | 10 | documentation | |
| | | | Timetable compilation | |
| | enumeration | 12 | documentation | |
| | | | Mistakes in operational procedures | |

| | | |
|--|----------------|--|
| | enumeration 13 | documentation Wrong application of priority rules |
| | enumeration 14 | |
| | enumeration 18 | documentation Staff |
| | enumeration 19 | documentation Other causes related to the operational planning and management |
| | enumeration 20 | documentation Signalling installations |
| | enumeration 21 | documentation Signalling installations at level crossings |
| | enumeration 22 | documentation Telecommunication installations |
| | enumeration 23 | documentation Power supply equipment |
| | enumeration 24 | documentation Track |
| | enumeration 25 | documentation Structures |
| | enumeration 28 | documentation Staff |
| | enumeration 29 | documentation Other causes related to infrastructure installations |
| | enumeration 31 | documentation Irregularities in execution of construction work |
| | enumeration 30 | documentation Planned construction work |
| | enumeration 32 | documentation Speed restrictions due to defective track |
| | enumeration 39 | documentation Other causes related to Civil engineering |
| | enumeration 40 | documentation Delay caused by next IM |
| | enumeration 41 | documentation Delay caused by previous IM |
| | enumeration 50 | documentation exceeding the stop time |
| | enumeration 51 | documentation Request of the RU |
| | enumeration 52 | documentation Loading operations |
| | enumeration 53 | documentation Loading irregularities |
| | enumeration 54 | documentation Commercial preparation of the train |
| | enumeration 58 | documentation Staff |
| | enumeration 59 | documentation Other causes related to commercial causes |
| | enumeration 60 | documentation Roster planning/re-rostering |
| | enumeration 61 | documentation Formation of trains by the RU |
| | enumeration 62 | documentation Problems affecting coaches |
| | enumeration 63 | documentation Problems affecting wagons |
| | enumeration 64 | documentation Problems affecting traction units |
| | enumeration 68 | documentation Staff |
| | enumeration 69 | documentation Other causes related to Rolling Stock |

| | | |
|------------|--|--|
| | enumeration 70 | documentation Delay caused by next RU |
| | enumeration 71 | documentation Delay caused by previous RU |
| | enumeration 80 | documentation Strike |
| | enumeration 81 | documentation Administrative formalites |
| | enumeration 82 | documentation Outside influence |
| | enumeration 83 | documentation Effects of weather and natural causes |
| | enumeration 84 | documentation Delay caused by external reasons on the next network |
| | enumeration 89 | documentation Other external causes |
| | enumeration 90 | documentation Dangerous incidents, accidents and hazards |
| | enumeration 91 | documentation Track occupation caused by the lateness of the same train |
| | enumeration 92 | documentation Track occupation caused by the lateness of another train |
| | enumeration 93 | documentation Turn round |
| | enumeration 94 | documentation Connection |
| | enumeration 95 | documentation Further investigation needed |
| annotation | documentation Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C. | |
| source | <pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Formation of trains if managed by infrastructure manager</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Timetable compilation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Mistakes in operational procedures</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Wrong application of priority rules</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"/> </xs:restriction> </pre> | |

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and management</xs:documentation>
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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Signalling installations at level
crossings</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
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  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
  <xs:annotation>
    <xs:documentation>Staff</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
  <xs:annotation>
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installations</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
  <xs:annotation>
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work</xs:documentation>
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track</xs:documentation>
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</xs:enumeration>
<xs:enumeration value="39">
    <xs:annotation>
        <xs:documentation>Other causes related to Civil
engineering</xs:documentation>
    </xs:annotation>
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        <xs:documentation>Delay caused by previous IM</xs:documentation>
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train</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="58">
    <xs:annotation>
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    </xs:annotation>
```

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</xs:enumeration>
<xs:enumeration value="69">
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    </xs:annotation>
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```

```
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</xs:enumeration>
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    <xs:annotation>
        <xs:documentation>Outside influence</xs:documentation>
    </xs:annotation>
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="93">
    <xs:annotation>
        <xs:documentation>Turn round</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="94">
    <xs:annotation>
        <xs:documentation>Connection</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="95">
    <xs:annotation>
```

| | |
|--|---|
| | <pre> <xs:documentation>Further investigation needed</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> |
|--|---|

simpleType InfoIndex

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|----|--|-------------|----|--|-------------|----|--|
| type | restriction of xs:string | | | | | | | | | | | | |
| properties | base xs:string | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>10</td> <td></td> </tr> <tr> <td>enumeration</td> <td>20</td> <td></td> </tr> <tr> <td>enumeration</td> <td>30</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 10 | | enumeration | 20 | | enumeration | 30 | |
| Kind | Value | Annotation | | | | | | | | | | | |
| enumeration | 10 | | | | | | | | | | | | |
| enumeration | 20 | | | | | | | | | | | | |
| enumeration | 30 | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>indicates additional information</p> | | | | | | | | | | | | |
| source | <pre> <xs:simpleType name="InfoIndex"> <xs:annotation> <xs:documentation>indicates additional information</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | |

simpleType MessageCode

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | |
|--------------|--|------------|-------|------------|--------------|---|--|--------------|------|--|
| type | restriction of xs:integer | | | | | | | | | |
| properties | base xs:integer | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | maxInclusive | 9999 | |
| Kind | Value | Annotation | | | | | | | | |
| minInclusive | 1 | | | | | | | | | |
| maxInclusive | 9999 | | | | | | | | | |
| annotation | <p>documentation</p> <p>Identifies the type of message</p> | | | | | | | | | |
| source | <pre> <xs:simpleType name="MessageCode"> <xs:annotation> <xs:documentation>Identifies the type of message</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | |

simpleType RestrictionCodes

| | | | |
|------------|---|-------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:token | | |
| properties | base xs:token | | |
| facets | Kind | Value | Annotation |
| | enumeration | 07 | documentation F - Shunt only when hand brake operable with ground staff |
| | enumeration | 08 | documentation F - Tank wagon loaded with liquid |
| | enumeration | 09 | documentation F - Wagon loaded with people |
| | enumeration | 11 | documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres |
| | enumeration | 12 | documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres |
| | enumeration | 13 | documentation F - Bogie wagon with distance between wheels of more than 17,50 metres |
| | enumeration | 15 | documentation F - Wagon not allowed over the hump |
| | enumeration | 16 | documentation F - Do not fly shunt or gravity shunt (3 red triangles) |
| | enumeration | 18 | documentation F - Must not use active braking equipment |
| | enumeration | 25 | documentation F - Gas carrying tank wagon with orange side stripe |
| | enumeration | 30 | documentation P (+F) - CCS fault (see CCS coding list) |
| | enumeration | 31 | documentation P (+F) - Braking system fault |
| | enumeration | 32 | documentation P (+F) - Wheelset, bogie fault |
| | enumeration | 33 | documentation P (+F) - Headlighting or back lighting fault |
| | enumeration | 34 | documentation P (+F) - Front glass broken |
| | enumeration | 35 | documentation P (+F) - Horn fault |
| | enumeration | 36 | documentation P (+F) - Radio fault |
| | enumeration | 37 | documentation P (+F) - Energy supply fault |
| | enumeration | 38 | documentation P (+F) - Traction or motor fault |
| | enumeration | 39 | documentation P - Access door fault |
| | enumeration | 41 | documentation F - Place this wagon at the front of the train |
| | enumeration | 42 | documentation F - Place this wagon at the rear of the train |
| | enumeration | 50 | documentation P (+F) - Speed restriction |
| | enumeration | 52 | documentation P (+F) - Diesel locomotive instead of electric locomotive |
| | enumeration | 61 | documentation F - Wagon forming part of a consignment of several wagons |
| | enumeration | 62 | documentation F - Wagon forming part of a group of wagons from which it must not be separated |
| | enumeration | 63 | documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one |

| | | |
|------------|---|--|
| | enumeration 68 | documentation F - First or last wagon of a wagon group from which it must not be separated |
| | enumeration 70 | documentation F - Shunt with care (1 red triangle) |
| | enumeration 71 | documentation F - Shunt with special care (2 red triangle) |
| | enumeration 90 | documentation P - Train planned with passengers operated without passengers |
| | enumeration 91 | documentation P - Train planned without passengers operated with passengers |
| | enumeration 92 | documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine) |
| | enumeration 94 | documentation F - Gas carrying wagon without orange side stripe |
| | enumeration 99 | documentation P - Other |
| annotation | documentation restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list. P = Passenger T = Technical D = Damage L = Load | All codes of Transport F = Freight |
| | Code F or P Description | |
| | | T D L |
| | 07 F | Shunt only when hand brake operable with ground staff |
| | 08 F | Tank wagon loaded with liquid |
| | 09 F | Wagon loaded with people |
| | 11 F | Wagon other than bogie wagon with wheelbase of more than 9 metres |
| | 12 F | Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres |
| | 13 F | Bogie wagon with distance between wheels of more than 17,50 metres |
| | 15 F | Wagon not allowed over the hump |
| | 16 F | Do not fly shunt or gravity shunt (3 red triangles) |
| | 18 F | Must not use active braking equipment |
| | 25 F | Gas carrying tank wagon with orange side stripe |

| | | | |
|----|----------|---|---------|
| | | | x |
| 30 | P (+F) | CCS fault (see CCS coding list) | |
| 31 | P (+F) | Braking system fault | x |
| 32 | P (+F) | Wheelset, bogie fault | x |
| 33 | P (+F) | Headlighting or back lighting fault | x |
| 34 | P (+F) | Front glass broken | x |
| 35 | P (+F) | Horn fault | x |
| 36 | P (+F) | Radio fault | x |
| 37 | P (+F) | Energy supply fault | x |
| 38 | P (+F) | Traction or motor fault | x |
| 39 | P | Access door fault | x |
| 41 | F | Place this wagon at the front of the train | x |
| 42 | X F | Place this wagon at the rear of the train | x x |
| 50 | X P (+F) | Speed restriction | x x |
| 52 | P (+F) | Diesel locomotive instead of electric locomotive | x x |
| 61 | F | Wagon forming part of a consignment of several wagons | x (X) F |
| 62 | F | Wagon forming part of a group of wagons from which it must not be separated | x |

| | | | | | | |
|--------|--|--------|--|---|---|---|
| | | | x | | | |
| | 63 | F (+P) | Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one | x | x | |
| | 68 | F | First or last wagon of a wagon group from which it must not be separated | x | x | |
| | 70 | F | Shunt with care (1 red triangle) | x | | |
| | 71 | F | Shunt with special care (2 red triangle) | x | x | x |
| | 90 | P | Train planned with passengers operated without passengers | x | x | |
| | 91 | P | Train planned without passengers operated with passengers | x | | |
| | 92 | P | Train planned with hauled rolling stock and operated without any coaches (light engine) | x | | |
| | 94 | F | Gas carrying wagon without orange side stripe | x | | |
| | 99 | P | Other | x | | |
| | | | x | | | |
| source | <pre><xs:simpleType name="RestrictionCodes"> <xs:annotation> <xs:documentation></pre> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.</p> <p>F = Freight</p> <p>P = Passenger</p> <p>T = Technical</p> <p>D = Damage</p> <p>L = Load</p> <p>Code F or P Description</p> | | | | | |
| | 07 | F | Shunt only when hand brake operable with ground staff | T | D | L |
| | 08 | F | Tank wagon loaded with liquid | x | | |
| | 09 | F | Wagon loaded with people | x | | |

| | | |
|----|--------|--|
| | | x |
| 11 | F | Wagon other than bogie wagon with wheelbase of more than 9 metres |
| 12 | F | Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres x |
| 13 | F | Bogie wagon with distance between wheels of more than 17,50 metres |
| 15 | F | Wagon not allowed over the hump x |
| 16 | F | Do not fly shunt or gravity shunt (3 red triangles) x x x |
| 18 | F | Must not use active braking equipment x x x |
| 25 | F | Gas carrying tank wagon with orange side stripe x |
| 30 | P (+F) | CCS fault (see CCS coding list) x |
| 31 | P (+F) | Braking system fault x |
| 32 | P (+F) | Wheelset, bogie fault x |
| 33 | P (+F) | Headlighting or back lighting fault x |
| 34 | P (+F) | Front glass broken x |
| 35 | P (+F) | Horn fault x |
| 36 | P (+F) | Radio fault x |
| 37 | P (+F) | Energy supply fault x |
| | | x |

| | | | |
|--|----|--|-------|
| | 38 | P (+F) Traction or motor fault | |
| | 39 | P Access door fault | x |
| | 41 | F Place this wagon at the front of the train | x |
| | 42 | F Place this wagon at the rear of the train | x x x |
| | 50 | P (+F) Speed restriction | x x x |
| | 52 | P (+F) Diesel locomotive instead of electric locomotive | x x |
| | 61 | F (X) F Wagon forming part of a consignment of several wagons | x |
| | 62 | F Wagon forming part of a group of wagons from which it must not be separated | x |
| | 63 | F (+P) Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one | x |
| | 68 | F First or last wagon of a wagon group from which it must not be separated | x |
| | 70 | F Shunt with care (1 red triangle) | x |
| | 71 | F Shunt with special care (2 red triangle) | x x x |
| | 90 | P Train planned with passengers operated without passengers | x x x |
| | 91 | P Train planned without passengers operated with passengers | x |
| | 92 | P Train planned with hauled rolling stock and operated without any coaches (light engine) | x x |
| | 94 | F Gas carrying wagon without orange side stripe | x x |

| | | | | |
|--|----|---|------------|---|
| | 99 | P | x Other | |
| | | | x | x |


```
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    </xs:annotation>
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  <xs:enumeration value="08">
    <xs:annotation>
      <xs:documentation>F - Tank wagon loaded with liquid</xs:documentation>
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  </xs:enumeration>
  <xs:enumeration value="09">
    <xs:annotation>
      <xs:documentation>F - Wagon loaded with people</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
      <xs:documentation>F - Wagon other than bogie wagon with wheelbase of more than 9 metres</xs:documentation>
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  <xs:enumeration value="12">
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    </xs:annotation>
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    <xs:annotation>
        <xs:documentation>F - Gas carrying tank wagon with orange side stripe</xs:documentation>
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
    <xs:annotation>
        <xs:documentation>P (+F) - Headlighting or back lighting fault</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="34">
    <xs:annotation>
        <xs:documentation>P (+F) - Front glass broken</xs:documentation>
    </xs:annotation>
</xs:enumeration>
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    <xs:annotation>
        <xs:documentation>P (+F) - Horn fault</xs:documentation>
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        <xs:documentation>P (+F) - Energy supply fault</xs:documentation>
    </xs:annotation>
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    <xs:annotation>
```

```
<xs:documentation>P (+F) - Traction or motor fault</xs:documentation>
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<xs:documentation>P (+F) - Diesel locomotive instead of electric locomotive</xs:documentation>
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| | |
|--|---|
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|--|---|

simpleType RunningStatus

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|------------------------|--|--|------|-------|------------|--|-------------|----|---------------|--|--|--|---------------|--|-------------|----|---------------|--|--|--|------------------------|--|-------------|----|---------------|--|--|--|---------------------|--|-------------|----|---------------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | base xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>00</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Not specified</td> <td></td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Arrival at destination</td> <td></td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Departure at origin</td> <td></td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation</td> <td></td> </tr> </table> | | | | Kind | Value | Annotation | | enumeration | 00 | documentation | | | | Not specified | | enumeration | 01 | documentation | | | | Arrival at destination | | enumeration | 02 | documentation | | | | Departure at origin | | enumeration | 03 | documentation | |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 00 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Not specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Arrival at destination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Departure at origin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|------------|---|---|
| | enumeration 04 | Intermediate arrival documentation |
| | enumeration 05 | Intermediate departure documentation |
| | enumeration 06 | Pass through documentation |
| | enumeration 07 | NEW CODES: Some IMs are transmitting these codes (6 - 9) |
| | enumeration 08 | |
| | enumeration 09 | |
| | enumeration 10 | documentation Not specified for wagon |
| | enumeration 11 | documentation Wagon arrival at its destination by train |
| | enumeration 12 | documentation Wagon departure from its station of origin by train |
| | enumeration 13 | documentation Wagon arrival at reporting point by train |
| | enumeration 14 | documentation Wagon departure from reporting point by train |
| | enumeration 15 | documentation Wagon run-through at reporting point by train |
| | enumeration 16 | documentation Wagon parked at reporting point |
| | enumeration 17 | documentation Wagon shunted at reporting point |
| | enumeration 18 | documentation Wagon arrived at reporting point |
| | enumeration 19 | documentation Wagon departure from reporting point |
| annotation | documentation | Identifies the status of a train related to the actual time at the reporting point. |
| source | <pre> <xs:simpleType name="RunningStatus"> <xs:annotation> <xs:documentation>Identifies the status of a train related to the actual time at the reporting point.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="00"> <xs:annotation> <xs:documentation>Not specified</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Arrival at destination</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Departure at origin</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Intermediate arrival</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"></pre> | |

```
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    <xs:documentation>Pass through</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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(6 - 9)</xs:documentation>
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  </xs:annotation>
</xs:enumeration>
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</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Wagon arrival at its destination by
train</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Wagon departure from its station of origin by
train</xs:documentation>
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train</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Wagon departure from reporting point by
train</xs:documentation>
  </xs:annotation>
```

```

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</xs:simpleType>

```

simpleType **TrainCC_SystemCode**

| | | | |
|------------|---|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:token | | |
| properties | base xs:token | | |
| facets | Kind | Value | Annotation |
| | enumeration | 01 | |
| | enumeration | 02 | |
| | enumeration | 03 | |
| | enumeration | 04 | |
| | enumeration | 05 | |
| | enumeration | 06 | |
| | enumeration | 07 | |
| | enumeration | 08 | |
| | enumeration | 09 | |
| | enumeration | 10 | |
| | enumeration | 11 | |
| | enumeration | 12 | |
| | enumeration | 13 | |

| | |
|------------|--|
| | enumeration 14 |
| | enumeration 15 |
| | enumeration 16 |
| | enumeration 17 |
| | enumeration 18 |
| | enumeration 19 |
| | enumeration 20 |
| | enumeration 21 |
| | enumeration 22 |
| | enumeration 23 |
| | enumeration 24 |
| | enumeration 25 |
| | enumeration 26 |
| | enumeration 27 |
| | enumeration 28 |
| | enumeration 29 |
| | enumeration 30 |
| | enumeration 31 |
| | enumeration 32 |
| | enumeration 33 |
| | enumeration 34 |
| | enumeration 35 |
| | enumeration 36 |
| | enumeration 37 |
| | enumeration 38 |
| | enumeration 39 |
| | enumeration 40 |
| | enumeration 41 |
| | enumeration 42 |
| | enumeration 43 |
| | enumeration 44 |
| | enumeration 45 |
| | enumeration 46 |
| | enumeration 47 |
| | enumeration 48 |
| | enumeration 49 |
| | enumeration 50 |
| | enumeration 51 |
| | enumeration 52 |
| | enumeration 53 |
| | enumeration 54 |
| annotation | <p>documentation</p> <p>Type of Train Control System</p> <p>Identifies the command control system of the train in coded values.</p> <ul style="list-style-type: none">1 ALSN2 ASFA3 ATB 1st Gen4 ATB Next Gen5 ATC6 ATP |

| | |
|--------|---|
| | 7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I) 8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) 9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II) 10 Crocodile 11 DAAT 12 EBICAB 700 13 EBICAB 900 14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA)) 15 ETCS L1 LS plus EuroZUB 16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d) 17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d) 18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0) 19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0) 20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0) 21 ETCS Level 0 22 ETCS Level 1 23 ETCS Level 2 24 ETCS Level 3 25 ETCS Level NSC 26 EVM 27 Indusi 54 28 Indusi 60 R 29 Indusi PZ 80 30 KBS-E 31 KCVB 32 KCVP 33 KVB 34 KVBP 35 LS 36 LS 90 37 LS I 38 LS III 39 LS IV 40 LZB 41 Mirel 42 NEXTEO 43 PZB 44 PZB90 45 SCMT 46 SHP 47 SIFA 48 STM ASFA 49 STM LZB 50 TBL 1 51 TBL 2 52 TVM 300 53 TVM 430 54 ZUB |
| source | <pre> <xs:simpleType name="TrainCC_SystemCode"> <xs:annotation> <xs:documentation>Type of Train Control System Identifies the command control system of the train in coded values. 1 ALSN 2 ASFA 3 ATB 1st Gen 4 ATB Next Gen 5 ATC 6 ATP 7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I) 8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) 9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II) 10 Crocodile </pre> |

| | |
|--|---|
| | 11 DAAT 12 EBICAB 700 13 EBICAB 900 14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA)) 15 ETCS L1 LS plus EuroZUB 16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d) 17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d) 18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0) 19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0) 20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0) 21 ETCS Level 0 22 ETCS Level 1 23 ETCS Level 2 24 ETCS Level 3 25 ETCS Level NSC 26 EVM 27 Indusi 54 28 Indusi 60 R 29 Indusi PZ 80 30 KBS-E 31 KCVB 32 KCVP 33 KVB 34 KVBP 35 LS 36 LS 90 37 LS I 38 LS III 39 LS IV 40 LZB 41 Mirel 42 NEXTEO 43 PZB 44 PZB90 45 SCMT 46 SHP 47 SIFA 48 STM ASFA 49 STM LZB 50 TBL 1 51 TBL 2 52 TVM 300 53 TVM 430 54 ZUB</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="05"/> <xs:enumeration value="06"/> |
|--|---|

| | |
|--|--|
| | <pre> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="17"/> <xs:enumeration value="18"/> <xs:enumeration value="19"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/> <xs:enumeration value="25"/> <xs:enumeration value="26"/> <xs:enumeration value="27"/> <xs:enumeration value="28"/> <xs:enumeration value="29"/> <xs:enumeration value="30"/> <xs:enumeration value="31"/> <xs:enumeration value="32"/> <xs:enumeration value="33"/> <xs:enumeration value="34"/> <xs:enumeration value="35"/> <xs:enumeration value="36"/> <xs:enumeration value="37"/> <xs:enumeration value="38"/> <xs:enumeration value="39"/> <xs:enumeration value="40"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="43"/> <xs:enumeration value="44"/> <xs:enumeration value="45"/> <xs:enumeration value="46"/> <xs:enumeration value="47"/> <xs:enumeration value="48"/> <xs:enumeration value="49"/> <xs:enumeration value="50"/> <xs:enumeration value="51"/> <xs:enumeration value="52"/> <xs:enumeration value="53"/> <xs:enumeration value="54"/> </xs:restriction> </xs:simpleType></pre> |
|--|--|

simpleType **TypeOfIMHarmonizationCode**

| | |
|-----------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 |
| type | restriction of xs:string |

| properties | base xs:string | | | | | | | | | |
|-------------|---|------------|-------|------------|-------------|------|--|-------------|------|--|
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | Full | | enumeration | Part | |
| Kind | Value | Annotation | | | | | | | | |
| enumeration | Full | | | | | | | | | |
| enumeration | Part | | | | | | | | | |
| annotation | documentation Enumeration of Type of IM harmonization: Full, Part | | | | | | | | | |
| source | <pre><xs:simpleType name="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | |

simpleType TypeOfInformationCode

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|------|-------|------------|--------------|---|--|--------------|----|--|-------------|---|---|-------------|---|---|-------------|---|---|-------------|---|--------------------------------|-------------|---|-------------------------------------|-------------|---|---|-------------|---|-------------------------------|-------------|---|--------------------------------------|-------------|---|------------------------------|-------------|----|--|-------------|----|---|-------------|----|---|-------------|----|--|-------------|----|--|-------------|----|--|-------------|----|---------------|
| type | restriction of xs:integer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| properties | base xs:integer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation harmonisation - in process</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation harmonisation - accepted</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation harmonisation - rejected</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Request ready</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation path study request</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation pre-arranged path/reserve capacity</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation create offer</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation coordination update</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation draft offer</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation draft alternative offer</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation observation - in process</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation observation - complete</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation preparation of final offer - in process</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation preparation of final offer - accepted</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation preparation of final offer - rejected</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation</td> </tr> </tbody> </table> | | | Kind | Value | Annotation | minInclusive | 0 | | maxInclusive | 99 | | enumeration | 1 | documentation harmonisation - in process | enumeration | 2 | documentation harmonisation - accepted | enumeration | 3 | documentation harmonisation - rejected | enumeration | 4 | documentation Request ready | enumeration | 5 | documentation path study request | enumeration | 6 | documentation pre-arranged path/reserve capacity | enumeration | 7 | documentation create offer | enumeration | 8 | documentation coordination update | enumeration | 9 | documentation draft offer | enumeration | 10 | documentation draft alternative offer | enumeration | 11 | documentation observation - in process | enumeration | 12 | documentation observation - complete | enumeration | 13 | documentation preparation of final offer - in process | enumeration | 14 | documentation preparation of final offer - accepted | enumeration | 15 | documentation preparation of final offer - rejected | enumeration | 16 | documentation |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| maxInclusive | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation harmonisation - in process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | documentation harmonisation - accepted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | documentation harmonisation - rejected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | documentation Request ready | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | documentation path study request | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | documentation pre-arranged path/reserve capacity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | documentation create offer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | documentation coordination update | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | documentation draft offer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | documentation draft alternative offer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | documentation observation - in process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 12 | documentation observation - complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 13 | documentation preparation of final offer - in process | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 14 | documentation preparation of final offer - accepted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | documentation preparation of final offer - rejected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | documentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|------------|--|--|
| | enumeration 17 | final offer documentation |
| | enumeration 18 | final offer - accepted documentation |
| | enumeration 19 | alternative offer accepted documentation |
| | enumeration 20 | pre-accepted offer documentation |
| | enumeration 21 | Final Offer rejected documentation |
| | enumeration 22 | no alternative available documentation |
| | enumeration 23 | booked documentation |
| | enumeration 24 | preparation of draft alternative offer is in progress documentation |
| | enumeration 25 | alternative offer triggered by IM documentation |
| | enumeration 26 | offer/final offer rejected (without revision) documentation |
| | enumeration 27 | alternative offer rejected (without revision) documentation |
| | enumeration 28 | offer/final offer rejected (revision required) documentation |
| | enumeration 29 | alternative offer rejected (revision required) documentation |
| | enumeration 30 | withdrawal documentation |
| | enumeration 31 | Create Dossier documentation |
| | enumeration 32 | Close Dossier documentation |
| | enumeration 33 | Path canceled full documentation |
| | enumeration 34 | Path canceled partial documentation |
| | enumeration 40 | Fully Assembled Path (FAP, constructed path) documentation |
| | enumeration 42 | Preparation of draft offer – accepted documentation |
| | enumeration 43 | Preparation of draft offer – rejected documentation |
| | enumeration 44 | Draft offer rejected documentation |
| | enumeration 45 | Draft no alternative available documentation |
| | enumeration 50 | activate path (utilisation notification) documentation |
| | enumeration 51 | deactivate path (utilisation notification) documentation |
| | enumeration 52 | confirmation of utilisation notification documentation |
| | enumeration 53 | Path and train cancelled documentation |
| | enumeration 65 | Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) documentation |
| | enumeration 66 | Booked after route update (used in PathDetailsMessage) documentation |
| annotation | documentation Enumeration indicating to which process step / process type in the planning does the message belong | |
| source | <pre><xs:simpleType name="TypeOfInformationCode"> <xs:annotation> <xs:documentation>Enumeration indicating to which process step / process</pre> | |

```
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</xs:enumeration>
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capacity</xs:documentation>
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<xs:enumeration value="8">
<xs:annotation>
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</xs:annotation>
</xs:enumeration>
<xs:enumeration value="9">
<xs:annotation>
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</xs:enumeration>
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```

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process</xs:documentation>
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accepted</xs:documentation>
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rejected</xs:documentation>
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IM</xs:documentation>
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revision)</xs:documentation>
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required)</xs:documentation>
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required)</xs:documentation>
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path)</xs:documentation>
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accepted</xs:documentation>
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rejected</xs:documentation>
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notification</xs:documentation>
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  <xs:annotation>
    <xs:documentation>Path and train cancelled </xs:documentation>
  </xs:annotation>
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|--|---|

simpleType TypeOfLoadUnitType

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | |
|-------------|---|-------------------------------|-------|------------|-------------|----|--------------------------|-------------|----|----------------------------|-------------|----|------------------------------|-------------|----|-------------------------------|-------------|----|------------------------|
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | |
| properties | base xs:token | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>00</td> <td>documentation unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation semitrailers</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation truck</td> </tr> </tbody> </table> | Kind | Value | Annotation | enumeration | 00 | documentation unknown | enumeration | 01 | documentation Container | enumeration | 02 | documentation swap bodies | enumeration | 03 | documentation semitrailers | enumeration | 04 | documentation truck |
| Kind | Value | Annotation | | | | | | | | | | | | | | | | | |
| enumeration | 00 | documentation unknown | | | | | | | | | | | | | | | | | |
| enumeration | 01 | documentation Container | | | | | | | | | | | | | | | | | |
| enumeration | 02 | documentation swap bodies | | | | | | | | | | | | | | | | | |
| enumeration | 03 | documentation semitrailers | | | | | | | | | | | | | | | | | |
| enumeration | 04 | documentation truck | | | | | | | | | | | | | | | | | |
| annotation | documentation 00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck | | | | | | | | | | | | | | | | | | |
| source | <pre> <xs:simpleType name="TypeOfLoadUnitType"> <xs:annotation> <xs:documentation>00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=truck</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="00"> <xs:annotation> <xs:documentation>unknown</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>swap bodies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>semitrailers</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> | | | | | | | | | | | | | | | | | | |

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|--|--|

simpleType TypeOfRequestCode

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | |
|--------------|--|-------------------------------|-------|------------|--------------|---|--|-------------|---|------------------------|-------------|---|--------------------------|-------------|---|-------------------------------|
| type | restriction of xs:short | | | | | | | | | | | | | | | |
| properties | base xs:short | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Study</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Request</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Modification</td> </tr> </tbody> </table> | Kind | Value | Annotation | minInclusive | 1 | | enumeration | 1 | documentation Study | enumeration | 2 | documentation Request | enumeration | 3 | documentation Modification |
| Kind | Value | Annotation | | | | | | | | | | | | | | |
| minInclusive | 1 | | | | | | | | | | | | | | | |
| enumeration | 1 | documentation Study | | | | | | | | | | | | | | |
| enumeration | 2 | documentation Request | | | | | | | | | | | | | | |
| enumeration | 3 | documentation Modification | | | | | | | | | | | | | | |
| annotation | <p>documentation</p> <p>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</p> | | | | | | | | | | | | | | | |
| source | <pre> <xs:simpleType name="TypeOfRequestCode"> <xs:annotation> <xs:documentation>Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)</xs:documentation> </xs:annotation> <xs:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Study</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Request</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Modification</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> | | | | | | | | | | | | | | | |

simpleType TypeOfRUHarmonizationCode

| | | | |
|------------|---|-------|------------|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:string | | |
| properties | base xs:string | | |
| facets | Kind | Value | Annotation |
| | enumeration | Full | |
| | enumeration | Part | |
| | enumeration | None | |
| annotation | documentation Type of RU harmonization: Full, Part, None. | | |
| source | <pre><xs:simpleType name="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> <xs:enumeration value="None"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType UnitType

| | | | |
|------------|---|-------|---|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
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| properties | base xs:token | | |
| facets | Kind | Value | Annotation |
| | enumeration | 1 | documentation Container |
| | enumeration | 2 | documentation Other intermodal traffic |
| | enumeration | 4 | documentation Rolling road (RR) |
| | enumeration | 6 | documentation Semi-trailer on bogies |
| | enumeration | 10 | documentation Container less than 20' |
| | enumeration | 11 | documentation Container 20' |
| | enumeration | 12 | documentation Container 30' |
| | enumeration | 13 | documentation Container 40' |
| | enumeration | 40 | documentation Semi-trailer truck/articulated lorry |
| | enumeration | 41 | documentation Road tractor |
| | enumeration | 42 | documentation Lorry without trailer |
| | enumeration | 43 | documentation Lorry with trailer |
| | enumeration | 50 | documentation Semi-trailer/road semi-trailer |
| | enumeration | 51 | documentation |

| | |
|------------|---|
| | Swap bodies |
| annotation | documentation Indicates the type of a Transportation unit. |
| source | <pre> <xs:simpleType name="UnitType"> <xs:annotation> <xs:documentation>Indicates the type of a Transportation unit.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Other intermodal traffic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Rolling road (RR)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Semi-trailer on bogies</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Container less than 20'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Container 20'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Container 30'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Container 40'</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="40"> <xs:annotation> <xs:documentation>Semi-trailer truck/articulated lorry</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="41"> <xs:annotation> </pre> |

| | |
|--|--|
| | <pre> <xs:documentation>Road tractor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="42"> <xs:annotation> <xs:documentation>Lorry without trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="43"> <xs:annotation> <xs:documentation>Lorry with trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="50"> <xs:annotation> <xs:documentation>Semi-trailer/road semi-trailer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation>Swap bodies</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
|--|--|

attribute **LocationSubsidiaryTypeCode**

| | | | |
|-----------|---|-------|--|
| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | |
| type | restriction of xs:token | | |
| facets | Kind | Value | Annotation |
| | enumeration | 0 | documentation Not Defined |
| | | | documentation not used |
| | enumeration | 1 | documentation Track |
| | | | documentation |
| | enumeration | 2 | The track is a uniquely defined part of location |
| | | | documentation |
| | enumeration | 3 | Private Siding |
| | | | documentation |
| | enumeration | 4 | Tracks are not for open access |
| | | | documentation |
| | enumeration | 5 | Border Point Code |
| | | | documentation |
| | enumeration | 6 | Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point" |
| | | | documentation |
| | enumeration | 7 | Sorting Code |
| | | | documentation |
| | enumeration | 8 | Destination station of the wagon has a code in order to provide shunting technology. |
| | | | documentation |
| | enumeration | 9 | Vehicle Parking Points |
| | | | documentation |
| | enumeration | 10 | All points (tracks) |
| | | | documentation |

| | | |
|--|----------------|---|
| | | Public Loading Places documentation Is a type of physical location on the open access network where consignor or consignee can load or unload wagons documentation Private Loading Places documentation Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons documentation IM Path Tariff Point documentation Price Segment change between two IM Networks. documentation Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock. |
| | enumeration 10 | documentation Switch/turnout documentation |
| | enumeration 11 | The location where two tracks meet or diverge. documentation Grade Crossing documentation |
| | enumeration 12 | The location where two tracks on the same level cross each other. documentation Section of the track documentation |
| | enumeration 13 | Section is inside of the location considered part of a track. documentation Twin track point documentation |
| | enumeration 14 | The spot where is end or start of the twinned track section. documentation Retarder (rail brake) documentation |
| | enumeration 15 | Trackside equipment to control the speed of the wagons running from the shunting hump. documentation Platform documentation |
| | enumeration 16 | The area next to the track which has been raised to make access to railway vehicles easier. documentation Railing documentation |
| | enumeration 17 | barrier Safety equipment used to prevent access to the track by people and animals. documentation Movable scotch block documentation |
| | enumeration 18 | Safety equipment across the track avoiding any unnecessary moving beyond that point. documentation Derailing stop / Trap points / Catch points documentation |
| | enumeration 19 | Safety equipment is on one rail avoiding any unnecessary moving beyond that point. documentation Loading equipment documentation |
| | enumeration 20 | Special equipment to facilitate the loading and unloading on the Public Loading Places. documentation Weighbridge documentation |

| | | |
|--|----------------|--|
| | enumeration 21 | Special equipment is to facilitate the measure of the weight of the wagon. documentation Building documentation Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well. |
| | enumeration 22 | documentation Level crossing documentation Place where rail and road crossing in level. on the same level (grade) |
| | enumeration 23 | documentation Bridge documentation Special built structure is over the road |
| | enumeration 24 | documentation Tunnel documentation Structure to allow a railway line to pass under the surface. |
| | enumeration 25 | documentation Underpass documentation Undercrossing or underground passage under the railway track. (Not used by trains) |
| | enumeration 26 | documentation Block section documentation Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system. |
| | enumeration 27 | documentation Signal documentation A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers. |
| | enumeration 28 | documentation Sign and board documentation Equipment to inform the board staff for train traffic and shunting. |
| | enumeration 29 | documentation Phase break documentation Border of the power supply systems (catenary). |
| | enumeration 30 | documentation Leap in kilometer documentation The section has deviation in length i. e. the section more or less than called. |
| | enumeration 32 | documentation Balise documentation A balise is an electronic beacon or transponder placed between the rails of a railway as part of an Automatic Train Protection (ATP) system. |
| | enumeration 33 | documentation Hot spot detector documentation Trackside equipment which detects hot wheels or axle-box on passing trains. |
| | enumeration 34 | documentation Flat wheel detector documentation Trackside equipment which detects flat spots on wheels on passing trains. |
| | enumeration 35 | documentation Dynamic wheel load documentation detector Special equipment is in trackside for inspect of the overloaded wagons. |
| | enumeration 36 | documentation Freight yard |

| | | |
|--|----------------|--|
| | | documentation |
| | enumeration 37 | A freight yard is commercial usage of a physical location which can be used as a sending or a destination station in freight orders of rail freight transports. The freight yard can have his own codification |
| | | documentation |
| | | Loading point |
| | | documentation |
| | | A loading point is a commercial usage of a physical location. Each loading point is assigned to a yard. |
| | enumeration 38 | documentation |
| | | IM Network link |
| | | documentation |
| | | It allows to link two locations from different IM Networks |
| | enumeration 39 | documentation |
| | | Reservation code |
| | enumeration 40 | documentation |
| | | Metastation |
| | | documentation |
| | | To mark a meta location that forms the link between different stations that are considered as equal (for the traveller) |
| | enumeration 41 | documentation |
| | | CompanySpecificIdentifier |
| | | documentation |
| | | Company specific identifier of the primary location |
| | enumeration 42 | documentation |
| | | DIUM stations - Places of acceptance/delivery |
| | | Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37). |
| | enumeration 43 | documentation |
| | | Passengers cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train |
| | enumeration 44 | documentation |
| | | Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train |
| | enumeration 45 | documentation |
| | | Sewage dump Place for cleaning purposes - disposal of the waste |
| | enumeration 46 | documentation |
| | | Refuelling Point Location where refuelling takes place |
| | enumeration 47 | documentation |
| | | Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating |
| | enumeration 48 | documentation |
| | | Water Supply Location where water |

| | | | | |
|--|----------------|--|--|---|
| | | supply can be provided for the rolling stock | | |
| | enumeration 49 | documentation | Compressed plant | Train on a track with motion stabled with external air supply for braking systems |
| | enumeration 50 | documentation | Indoor cleaning platform | Cleaning point - interior |
| | enumeration 51 | documentation | Car-wash plant | Cleaning point -outdoor |
| | enumeration 52 | documentation | Short dry-cleaning track | Cleaning point |
| | enumeration 53 | documentation | Pollution protective plate | Track where floor that avoids pollution of the earth below |
| | enumeration 54 | documentation | Sand-filling station | Location where sand is filled |
| | enumeration 55 | documentation | Repair track | Location where a train/wagon/engine can be repaired |
| | enumeration 56 | documentation | Signal box | The location of a building containing signalling equipment |
| | enumeration 57 | documentation Intermodal Terminal documentation | Intermodal Terminal is a location which provides the space, equipment and operational environment under which the transfer of loading units (freight containers, swap bodies, semi-trailers or trailers) takes place | |
| | enumeration 58 | documentation OSJD system based location documentation | OSJD system based location | |
| | enumeration 59 | documentation Train Service Substitute Stop documentation | Location code used within OSJD | |
| | enumeration 60 | documentation Multifunctional rail terminal documentation | Place outside of railway station or railway stop, where passengers board or leave bus or any other transport mean as substitution of train service. Physical part of Primary Location. | |
| | | | Facilities for conventional and/or intermodal rail/road transshipment principally open for | |

| | | |
|--------|---|--|
| | | public use and for all types of cargo. This kind of facility does not only provide transshipment, but also additional services like storage, consignment or road pre/end haulage. Physical part of Primary Location. |
| | enumeration 61 | documentation Relief facility documentation |
| | enumeration 66 | Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location. documentation Location ENEE Code documentation |
| | enumeration 70 | Legacy ENEE code of the parent primary location. Different coding of primary location. documentation Network Border documentation |
| | enumeration 71 | Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location. documentation State border documentation |
| | enumeration 72 | Political border between two member states. Attribute of primary location. documentation Administrative border documentation |
| | enumeration 74 | Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location. documentation Operational handover documentation |
| | enumeration 75 | Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location. documentation Planning handover documentation |
| | enumeration 76 | Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location. documentation Other technical facility documentation |
| | enumeration 90 | All technical installations and services that are not included in other facility types. E.g. Pre heating, de icing, air conditioning, Washing/cleaning of rolling stock, Disinfection of rolling stock, Sewage removal and Stationary brake test facilities. Physical part of Primary Location. documentation |
| | enumeration 99 | Test Loc documentation Relation to Station documentation |
| | | An indicator used to show that this location is a subsidiary of another location. |
| source | <pre><xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Defined</xs:documentation> <xs:documentation>not used</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"></pre> | |

```
<xs:annotation>
  <xs:documentation>Track</xs:documentation>
  <xs:documentation>The track is a uniquely defined part of
location</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <xs:documentation>Private Siding</xs:documentation>
    <xs:documentation>Tracks are not for open
access</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>Border Point Code</xs:documentation>
    <xs:documentation>Special code for the Border Points are allocated
at the country border and the points between different IM networks. Location
of these points sometimes are not geographically same with the station or
yard. Therefore these points are "logical point" </xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>Sorting Code</xs:documentation>
    <xs:documentation>Destination station of the wagon has a code in
order to provide shunting technology. </xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Vehicle Parking Points</xs:documentation>
    <xs:documentation>All points (tracks) </xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
  <xs:annotation>
    <xs:documentation>Public Loading Places</xs:documentation>
    <xs:documentation>Is a type of physical location on the open
access network where consignor or consignee can load or unload
wagons </xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>Private Loading Places</xs:documentation>
    <xs:documentation>Is a type of physical location outside the open
access network where consignor or consignee can load or unload
wagons </xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
  <xs:annotation>
    <xs:documentation>IM Path Tariff Point</xs:documentation>
    <xs:documentation>Price Segment change between two IM
Networks. </xs:documentation>
</xs:annotation>
</xs:enumeration>
</xs:enumeration>
```

| | |
|--|--|
| | <pre><xs:enumeration value="9"> <xs:annotation> <xs:documentation>Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock. </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Switch/turnout</xs:documentation> <xs:documentation>The location where two tracks meet or diverge.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Grade Crossing</xs:documentation> <xs:documentation>The location where two tracks on the same level cross each other.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Section of the track</xs:documentation> <xs:documentation>Section is inside of the location considered part of a track.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Twin track point</xs:documentation> <xs:documentation>The spot where is end or start of the twinned track section.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>Retarder (rail brake)</xs:documentation> <xs:documentation>Trackside equipment to control the speed of the wagons running from the shunting hump.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>Platform</xs:documentation> <xs:documentation>The area next to the track which has been raised to make access to railway vehicles easier.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>Railing</xs:documentation> <xs:documentation>barrier Safety equipment used to prevent access to the track by people and animals.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"></pre> |
|--|--|

```
<xs:annotation>
  <xs:documentation>Movable scotch block</xs:documentation>
  <xs:documentation>Safety equipment across the track avoiding any unnecessary moving beyond that point.</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Derailing stop / Trap points / Catch points</xs:documentation>
    <xs:documentation>Safety equipment is on one rail avoiding any unnecessary moving beyond that point.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>Loading equipment</xs:documentation>
    <xs:documentation>Special equipment to facilitate the loading and unloading on the Public Loading Places.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Weighbridge</xs:documentation>
    <xs:documentation>Special equipment is to facilitate the measure of the weight of the wagon.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>Building</xs:documentation>
    <xs:documentation>Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Level crossing</xs:documentation>
    <xs:documentation>Place where rail and road crossing in level. on the same level (grade)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Bridge</xs:documentation>
    <xs:documentation>Special built structure is over the road</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Tunnel</xs:documentation>
    <xs:documentation>Structure to allow a railway line to pass under the surface.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
```

```
<xs:annotation>
  <xs:documentation>Underpass</xs:documentation>
  <xs:documentation>Undercrossing or underground passage under the
railway track. (Not used by trains)</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="26">
  <xs:annotation>
    <xs:documentation>Block section</xs:documentation>
    <xs:documentation>Block section outside of the location with
primary code. In other words: a section on the open track between stations
defined by signalling system.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="27">
  <xs:annotation>
    <xs:documentation>Signal</xs:documentation>
    <xs:documentation>A signal is a mechanical or electrical device
erected beside a railway line to pass information relating to the state of
the line ahead to train drivers/engineers.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
  <xs:annotation>
    <xs:documentation>Sign and board</xs:documentation>
    <xs:documentation>Equipment to inform the board staff for train
traffic and shunting.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
  <xs:annotation>
    <xs:documentation>Phase break</xs:documentation>
    <xs:documentation>Border of the power supply systems
(catenary).</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>Leap in kilometer</xs:documentation>
    <xs:documentation>The section has deviation in length i. e. the
section more or less than called.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
  <xs:annotation>
    <xs:documentation>Balise</xs:documentation>
    <xs:documentation>A balise is an electronic beacon or transponder
placed between the rails of a railway as part of an Automatic Train
Protection (ATP) system.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
  <xs:annotation>
    <xs:documentation>Hot spot detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects hot wheels or
axle-box on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
```

```
<xs:enumeration value="34">
  <xs:annotation>
    <xs:documentation>Flat wheel detector</xs:documentation>
    <xs:documentation>Trackside equipment which detects flat spots on
wheels on passing trains.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="35">
  <xs:annotation>
    <xs:documentation>Dynamic wheel load</xs:documentation>
    <xs:documentation>detector Special equipment is in trackside for
inspect of the overloaded wagons.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="36">
  <xs:annotation>
    <xs:documentation>Freight yard</xs:documentation>
    <xs:documentation>A freight yard is commercial usage of a physical
location which can be used as a sending or a destination station in freight
orders of rail freight transports. The freight yard can have his own
codification</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="37">
  <xs:annotation>
    <xs:documentation>Loading point</xs:documentation>
    <xs:documentation>A loading point is a commercial usage of a
physical location. Each loading point is assigned to a
yard.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="38">
  <xs:annotation>
    <xs:documentation>IM Network link</xs:documentation>
    <xs:documentation>It allows to link two locations from different
IM Networks</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="39">
  <xs:annotation>
    <xs:documentation>Reservation code</xs:documentation>
    <xs:documentation/>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="40">
  <xs:annotation>
    <xs:documentation>Metastation</xs:documentation>
    <xs:documentation>To mark a meta location that forms the link
between different stations that are considered as equal (for the
traveller)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="41">
  <xs:annotation>
    <xs:documentation>CompanySpecificIdentifier</xs:documentation>
    <xs:documentation>Company specific identifier of the primary
location</xs:documentation>
  </xs:annotation>
```

| | |
|--|---|
| | <pre> </xs:enumeration> <xs:enumeration value="42"> <xs:annotation> <xs:documentation> DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) - consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37). </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="43"> <xs:annotation> <xs:documentation> Passengers cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="44"> <xs:annotation> <xs:documentation> Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="45"> <xs:annotation> <xs:documentation> Sewage dump Place for cleaning purposes - disposal of the waste </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="46"> <xs:annotation> <xs:documentation> Refuelling Point Location where refuelling takes place </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="47"> <xs:annotation> <xs:documentation> Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="48"> <xs:annotation> <xs:documentation> Water Supply Location where water supply can be provided for the rolling stock </xs:documentation> </xs:annotation> </xs:enumeration> </pre> |
|--|---|

| | |
|--|---|
| | <pre> </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="49"> <xs:annotation> <xs:documentation> Compressed plant Train on a track with motion stabled with external air supply for braking systems </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="50"> <xs:annotation> <xs:documentation> Indoor cleaning platform Cleaning point -interior </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="51"> <xs:annotation> <xs:documentation> Car-wash plant Cleaning point -outdoor </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="52"> <xs:annotation> <xs:documentation> Short dry-cleaning track Cleaning point </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="53"> <xs:annotation> <xs:documentation> Pollution protective plateTrack where floor that avoids pollution of the earth below </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="54"> <xs:annotation> <xs:documentation> Sand-filling station Location where sand is filled </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="55"> <xs:annotation> <xs:documentation> Repair track Location where a train/wagon/engine can be repaired </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="56"> <xs:annotation> </pre> |
|--|---|

```

<xs:documentation>
    Signal box    The location of a building containing
signalling equipment
</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="57">
    <xs:annotation>
        <xs:documentation>Intermodal Terminal</xs:documentation>
        <xs:documentation> Intermodal Terminal is a location which
provides the space, equipment and operational environment under which the
transfer of loading units (freight containers, swap bodies, semi-trailers or
trailers) takes place </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="58">
    <xs:annotation>
        <xs:documentation>OSJD system based location</xs:documentation>
        <xs:documentation>Location code used within
OSJD</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="59">
    <xs:annotation>
        <xs:documentation>Train Service Substitute Stop</xs:documentation>
        <xs:documentation>Place outside of railway station or railway
stop, where passengers board or leave bus or any other transport mean as
substitution of train service. Physical part of Primary
Location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="60">
    <xs:annotation>
        <xs:documentation>Multifunctional rail terminal</xs:documentation>
        <xs:documentation>Facilities for conventional and/or intermodal
rail/road transshipment principally open for public use and for all types of
cargo. This kind of facility does not only provide transshipment, but also
additional services like storage, consignment or road pre/end haulage.
Physical part of Primary Location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="61">
    <xs:annotation>
        <xs:documentation>Relief facility</xs:documentation>
        <xs:documentation>Facilities providing equipment and
infrastructure used to overcome a disruption (derailment, collision or other
accidents). Physical part of Primary Location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="66">
    <xs:annotation>
        <xs:documentation>Location ENEE Code</xs:documentation>
        <xs:documentation>Legacy ENEE code of the parent primary location.
Different coding of primary location.</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="70">
    <xs:annotation>

```

```
<xs:documentation>Network Border</xs:documentation>
<xs:documentation>Network border between two neighboring IM's;
first or last Primary Location on a network. Attribute of primary
location.</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="71">
<xs:annotation>
<xs:documentation>State border</xs:documentation>
<xs:documentation>Political border between two member states.
Attribute of primary location.</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="72">
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<xs:documentation>Administrative border</xs:documentation>
<xs:documentation>Border point inside a member state to define
federal structures or administrative districts or local areas. Attribute of
primary location.</xs:documentation>
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<xs:documentation>Location where the responsibility for operation
changes or can change between two involved IMs. Attribute of primary
location.</xs:documentation>
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planning and path allocation changes or can change between two involved IMs.
Attribute of primary location.</xs:documentation>
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<xs:documentation>Other technical facility</xs:documentation>
<xs:documentation>All technical installations and services that
are not included in other facility types. E.g. Pre heating, de icing, air
conditioning, Washing/cleaning of rolling stock, Disinfection of rolling
stock, Sewage removal and Stationary brake test facilities. Physical part of
Primary Location.</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
<xs:annotation>
<xs:documentation>Test Loc</xs:documentation>
<xs:documentation/>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="99">
<xs:annotation>
<xs:documentation>Relation to Station</xs:documentation>
<xs:documentation>An indicator used to show that this location is
a subsidiary of another location.</xs:documentation>
```

| | |
|--|---|
| | <pre> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute></pre> |
|--|---|

attribute **TimingQualifierCode**

| namespace | http://www.era.europa.eu/schemes/TAFTSI/3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|-----------------------------|--|------|-------|-------------|-------------|-----|-------------------------|-------------|-----|---------------------------|-------------|-----|---------------------------|-------------|-----|-----------------------------|-------------|-----|-------------------------|-------------|-----|---------------------------|-------------|-----|-------------------------|-------------|-----|---------------------------|-------------|-----|----------------------|-------------|-----|--------------------|-------------|-----|--------------------|
| type | restriction of xs:token | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| facets | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>PLA</td> <td>Public Location Arrival</td> </tr> <tr> <td>enumeration</td> <td>PLD</td> <td>Public Location Departure</td> </tr> <tr> <td>enumeration</td> <td>ELA</td> <td>Earliest Location Arrival</td> </tr> <tr> <td>enumeration</td> <td>ELD</td> <td>Earliest Location Departure</td> </tr> <tr> <td>enumeration</td> <td>LLA</td> <td>Latest Location Arrival</td> </tr> <tr> <td>enumeration</td> <td>LLD</td> <td>Latest Location Departure</td> </tr> <tr> <td>enumeration</td> <td>ALA</td> <td>Actual Location Arrival</td> </tr> <tr> <td>enumeration</td> <td>ALD</td> <td>Actual Location Departure</td> </tr> <tr> <td>enumeration</td> <td>ERT</td> <td>Earliest Run Through</td> </tr> <tr> <td>enumeration</td> <td>ART</td> <td>Actual Run Through</td> </tr> <tr> <td>enumeration</td> <td>LRT</td> <td>Latest Run Through</td> </tr> </tbody> </table> | | | Kind | Value | Description | enumeration | PLA | Public Location Arrival | enumeration | PLD | Public Location Departure | enumeration | ELA | Earliest Location Arrival | enumeration | ELD | Earliest Location Departure | enumeration | LLA | Latest Location Arrival | enumeration | LLD | Latest Location Departure | enumeration | ALA | Actual Location Arrival | enumeration | ALD | Actual Location Departure | enumeration | ERT | Earliest Run Through | enumeration | ART | Actual Run Through | enumeration | LRT | Latest Run Through |
| Kind | Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | PLA | Public Location Arrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | PLD | Public Location Departure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ELA | Earliest Location Arrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ELD | Earliest Location Departure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | LLA | Latest Location Arrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | LLD | Latest Location Departure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ALA | Actual Location Arrival | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ALD | Actual Location Departure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ERT | Earliest Run Through | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | ART | Actual Run Through | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | LRT | Latest Run Through | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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