

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
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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
3.5.0	15.06.2024	Validated by the ERA TAF CCB on 04.06.2024

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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.

2. 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.

3. 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/3.5>

Elements	Complex types	Simple types	Attributes
<u>ActualEndDate</u>	<u>CargoCodeType</u>	<u>CommunicationRefID</u>	<u>CI_InstanceNumber</u>
<u>ActualIETA</u>	<u>CompositeIdentifierOperationalType</u>	<u>CompanyCode</u>	
<u>ActualIETI</u>	<u>CompositeIdentifierPlannedType</u>	<u>CountryIdentISO</u>	
<u>AdditionalInstruction</u>	<u>ConsignmentIdent</u>	<u>CurrencyCode_Type</u>	
<u>Address</u>	<u>CustomerCode</u>	<u>DeltaTime</u>	
<u>AdministrativeContactInformation</u>	<u>DanGoodsType</u>	<u>DerailmentDetectionDevice</u>	
<u>AffectedLocation</u>	<u>DimensionValue</u>	<u>EquipmentNumberType</u>	
<u>AffectedSection</u>	<u>IntermodalTransportDataType</u>	<u>EquipmentTypeType</u>	

AgainstBooked	LocationIdent	ForwardingRestrictionType
AgainstReferenced	TrainActivityType	FreeText
AgreedTimeOfDelivery	WagonTelematics	LoadUnitNumberType
AirBrake		Money_Type
AirBrakedMass		Name
AlertMessage		NHMCodeType
AllocationCompany		Numeric0-2
Altitude		Numeric1-5
ArrivalAtDestination		Numeric1-6
ArrivalInterchangeReport		Numeric2-2
ArrivalTimeAtDestination		Numeric3-3
ArrivalTimeAtLocation		Numeric4-4
ArrivalTimeAtLocationActual		Percentage
ArrivalTrackAtLocation		Speed
AssociatedAttachedLocationIdent		String1-10
AssociatedAttachedOTN		String1-14
AssociatedAttachedTimingAtLocation		String1-5
AssociatedAttachedTrainID		String1-7
AssociatedAttachedTrainServiceNumber		String1-8
BitmapDays		String4-4
BogiePitch		String5-5
BogieWagonsOnly		String5-8
BookedLocationDateTime		Time
BookedLocationTime		VolumeValue
BrakeWeight		WagonIdent
BrakingRatio		WeightValueKilo
CarrierStatus		WeightValueTonne
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](#)

[LocationPrimaryCode](#)
[LocationPrimaryInformation](#)
[LocationPrimaryName](#)
[LocationSubsidiaryCode](#)
[LocationSubsidiaryIdentification](#)
[LocationSubsidiaryInformation](#)
[LocationSubsidiaryName](#)
[LocoNumber](#)
[LocoTypeNumber](#)
[Longitude](#)
[MaxAxeWeight](#)
[MaxDesignSpeed](#)
[MaxGrossWeight](#)
[MaxLengthOfLoad](#)
[MaxTemp](#)
[Measure](#)
[MessageDateTimeCreated](#)
[MessageHeader](#)
[MessageIdentifier](#)
[MessageReference](#)
[MessageRoutingID](#)
[MessageType](#)
[MessageTypeVersion](#)
[MinBrakedWeightPercent](#)
[MinCurveRadius](#)
[MinTemp](#)
[MinVerticalRadiusYardHump](#)
[ModificationReason](#)
[ModificationStatusIndicator](#)
[Name](#)
[NetworkProjectedLocation](#)
[NetworkSpecificParameter](#)
[NextIntermediateDestination](#)
[NextResponsibleRU](#)
[NHM_Code](#)
[Noise](#)
[NoiseByPassLimit](#)
[Notes](#)
[NumberOfAxles](#)
[NumberOfBogies](#)
[NumberOfVehicles](#)
[ObjectType](#)
[Offset](#)
[OffsetToReference](#)
[OnDemandPath](#)
[OperationalTrainCouplingStrength](#)
[OperationalTrainNumber](#)
[OperationalTrainNumberIdentifier](#)

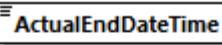
[OriginCountry](#)
[OverhaulValidityPeriod](#)
[ParkingBrakeForce](#)
[PassengerFlag](#)
[PathCanceledMessage](#)
[PathConfirmedMessage](#)
[PathDetailsMessage](#)
[PathDetailsRefusedMessage](#)
[PathInformation](#)
[PathNotAvailableMessage](#)
[PathRequestMessage](#)
[PermittedTolerance](#)
[PhoneNumber](#)
[PickupTimeAtLocation](#)
[PlannedCalendar](#)
[PlannedDateNextOverhaul](#)
[PlannedJourneyLocation](#)
[PlannedSpeed](#)
[PlannedTrainData](#)
[PlannedTrainTechnicalData](#)
[PlannedTransportIdentifiers](#)
[PostalCode](#)
[PreArrangedPath](#)
[PreviousConsignmentNumber](#)
[PreviousResponsibleRU](#)
[PrimaryLocationName](#)
[ProductionStation](#)
[PushPullTrain](#)
[Quantity](#)
[ReceiptConfirmationMessage](#)
[Recipient](#)
[ReferencedLocationDateTime](#)
[ReferenceNumbers](#)
[ReferenceOTN](#)
[ReferenceTrainIDSubCalendar](#)
[RegenerativeBrake](#)
[RelatedIdentifier](#)
[RelatedPlannedTransportIdentifiers](#)
[RelatedReference](#)
[RelatedSenderReference](#)
[RelatedTransportOperationalIdentifiers](#)
[Remarks](#)
[RequestedCalendar](#)
[RequestedPeriod](#)
[RequestedTimeframe](#)
[ResponsibilityActualSection](#)
[ResponsibilityNextSection](#)
[ResponsibleApplicant](#)

[ResponsibleIM](#)
[ResponsibleRU](#)
[RestrictionsDueToLoadOrDamage](#)
[RevisedRequest](#)
[RID](#)
[RID Checking](#)
[RollingRoadUnit](#)
[RollingStockDataset](#)
[RollingStockDatasetMessage](#)
[RollingStockDatasetQueryMessage](#)
[RouteInformation](#)
[Routing](#)
[RP Code](#)
[RU Partner](#)
[ScheduledDateTimeAtTransfer](#)
[ScheduledTimeAtHandover](#)
[ScheduledTimeAtLocation](#)
[Seals](#)
[Sender](#)
[SenderReference](#)
[Ship](#)
[SpecialTreatments](#)
[SRID](#)
[StartDate](#)
[StartDateTime](#)
[StartLocation](#)
[Station](#)
[StatusOfDocument](#)
[SummaryOfGoodsWithSameRID](#)
[TechnicalForwardingRestrictions](#)
[TiltingFunction](#)
[TimetableYear](#)
[TimingAtLocation](#)
[TotalLoadWeight](#)
[TotalWeight](#)
[TractionDetails](#)
[TractionPositionInTrain](#)
[TractionWeight](#)
[TrafficType](#)
[TrainActivity](#)
[TrainActivityType](#)
[TrainAtLocation](#)
[TrainCC System](#)
[TrainCompositionJourneySection](#)
[TrainCompositionMessage](#)
[TrainContactDetails](#)
[TrainDelay](#)
[TrainDelayCauseMessage](#)

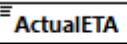
[TrainForecastAtReportingLocationMessage](#)
[TrainID](#)
[TrainInformation](#)
[TrainJourneyModification](#)
[TrainJourneyModificationIndicator](#)
[TrainJourneyModificationMessage](#)
[TrainJourneyModificationTime](#)
[TrainJourneyStartTime](#)
[TrainLength](#)
[TrainLocationReport](#)
[TrainLocationStatus](#)
[TrainMaxSpeed](#)
[TrainNotAtInterruptionPoint](#)
[TrainOperationalIdentification](#)
[TrainReadyMessage](#)
[TrainReadyStatus](#)
[TrainRunningData](#)
[TrainRunningForecastMessage](#)
[TrainRunningInformationMessage](#)
[TrainRunningInterruptionMessage](#)
[TrainRunningTechData](#)
[TrainStartTime](#)
[TrainWeight](#)
[TransfereeIM](#)
[TransferPoint](#)
[TransportInstruction](#)
[TransportOperationalIdentifiers](#)
[TypeOfIMHarmonization](#)
[TypeOfInformation](#)
[TypeOfRequest](#)
[TypeOfRUHarmonization](#)
[TypeofService](#)
[UltimateDestinationCountry](#)
[UN Number](#)
[ValidityPeriod](#)
[Value](#)
[Variant](#)
[VesselIndication](#)
[VesselName](#)
[Volume](#)
[WagonAtDeparture](#)
[WagonData](#)
[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 **ActualEndTime**

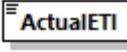
diagram	 ActualEndTime Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
annotation	documentation Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<pre><xs:element name="ActualEndTime" 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/3.5

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	 <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/3.5
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	 <p>Additional instructions regarding the wagon or shipment in free text</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	<pre><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></pre>
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element Address

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element AdministrativeContactInformation									
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>Generic postal address in clear text</p>									
source	<pre><xs:element name="Address" type="FreeText"> <xs:annotation> <xs:documentation>Generic postal address in clear text</xs:documentation> </xs:annotation> </xs:element></pre>									

element **AdministrativeContactInformation**

diagram	<pre> classDiagram class AdminContact { <<Used to define administrative contact information>> } class Name class Address class eMail class PhoneNumber class FaxNumber class FreeTextField AdminContact < -- Name AdminContact < -- Address AdminContact < -- eMail AdminContact < -- PhoneNumber AdminContact < -- FaxNumber AdminContact < -- FreeTextField </pre> <p>The diagram illustrates the structure of the AdministrativeContactInformation element. It is a complex type defined by the schema. It contains six child elements: Name, Address, eMail, PhoneNumber, FaxNumber, and FreeTextField. Each child element is represented by a rectangle with a small icon above it. The AdministrativeContactInformation element itself has a note below it stating: "Used to define administrative contact information".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xsd:element name="AdministrativeContactInformation"> <xsd:annotation> <xsd:documentation>Used to define administrative contact information</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="Name"/> <xsd:element ref="Address" minOccurs="0"/> <xsd:element ref="eMail" minOccurs="0"/> <xsd:element ref="PhoneNumber" minOccurs="0"/> <xsd:element ref="FaxNumber" minOccurs="0"/> <xsd:element ref="FreeTextField" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>

element **AffectedLocation**

diagram	<pre> classDiagram class AffectedLocation { <<Affected location>> } class Location { <<Identifies a Location using a LocationIdent>> } class LocationDateTime { <<Identifies the actual or forecasted Date / Time at a specific reporting point>> } class OperationalTrainNumberIdentifier { <<OperationalTrainNumberIdentifier>> } AffectedLocation "1" --> Location AffectedLocation "1" --> LocationDateTime AffectedLocation "1" --> OperationalTrainNumberIdentifier </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location LocationDateTime OperationalTrainNumberIdentifier
used by	ReceiptConfirmationMessage
annotation	documentation Affected location
source	<pre> <xss:element name="AffectedLocation"> <xss:annotation> <xss:documentation>Affected location </xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="Location"/> <xss:element ref="LocationDateTime"/> <xss:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> </xss:sequence> </xss:complexType> </xss:element> </pre>

element **AffectedSection**

diagram	<pre> classDiagram class AffectedSection { <<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>> } class StartOfSection { <<>> } class EndOfSection { <<>> } class OperationalTrainNumberIdentifier { <<>> } class PlannedCalendar { <<This is the calendar item for path request/path details messages - used in planning phase>> } class NetworkSpecificParameter { <<>> } AffectedSection "1" --> StartOfSection AffectedSection "1" --> EndOfSection AffectedSection "1" --> OperationalTrainNumberIdentifier AffectedSection "*" --> PlannedCalendar PlannedCalendar "*" --> NetworkSpecificParameter </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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 "PrimaryLocationName" PrimaryLocationName "Location Name in an official language of the Country using the ISO Unicode alphabet" LocationSubsidiaryIdentification "Code, Name and allocation company of Subsidiary Location" BookedLocationDateTime "Scheduled Date and Time of a train at a specified location as defined in the path contract" BookedLocationTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xsd:element name="StartOfSection"> <xsd:complexType> <xsd:complexContent> <xsd:extension base="LocationIdent"> <xsd:sequence minOccurs="0"> <xsd:element ref="BookedLocationDateTime" minOccurs="0"/> <xsd:element ref="BookedLocationTime" minOccurs="0"/> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </xsd:element> </pre>

element **AffectedSection/EndOfSection**

diagram	<pre> classDiagram class EndOfSection class LocationIdent { <<extension>> class CountryCodeISO class LocationPrimaryCode class PrimaryLocationName class LocationSubsidiaryIdentification } class BookedLocationDateTime { <<BookedLocationDate>> <<BookedLocationTime>> } EndOfSection --> LocationIdent LocationIdent --> CountryCodeISO LocationIdent --> LocationPrimaryCode LocationIdent --> PrimaryLocationName LocationIdent --> LocationSubsidiaryIdentification LocationSubsidiaryIdentification +> BookedLocationDateTime BookedLocationDateTime --> BookedLocationDate BookedLocationDateTime --> BookedLocationTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xsd:element name="EndOfSection"> <xsd:complexType> <xsd:complexContent> <xsd:extension base="LocationIdent"> <xsd:sequence minOccurs="0"> <xsd:element ref="BookedLocationDateTime" minOccurs="0"/> <xsd:element ref="BookedLocationTime" minOccurs="0"/> </xsd:sequence> </xsd:extension> </xsd:complexContent> </xsd:complexType> </xsd:element> </pre>

element **AgainstBooked**

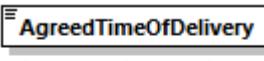
diagram	<pre> classDiagram class AgainstBooked { <<Identifies the Delta delay time against the booked schedule in minutes>> } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	DeltaTime

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/3.5
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/3.5
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>
--------	---

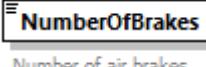
element **AirBrake**

diagram	<pre> classDiagram class AirBrake { <<Characteristics of Air Brakes>> } class NumberOfBrakes class BrakeSystem class AirBrakeType class BrakingPowerVariationDevice class AirBrakedMass class LoadChangeDevice class BrakeSpecialCharacteristics AirBrake "1" -- "*" NumberOfBrakes : AirBrake "1" -- "*" BrakeSystem : AirBrake "1" -- "*" AirBrakeType : AirBrake "1" -- "*" BrakingPowerVariationDevice : AirBrake "1" -- "*" AirBrakedMass : AirBrake "*" -- "1..<<0..>>" LoadChangeDevice : AirBrake "*" -- "1..<<0..>>" BrakeSpecialCharacteristics : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	NumberOfBrakes BrakeSystem ns1:AirBrakeType ns1:BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice ns1:BrakeSpecialCharacteristics
used by	element RollingStockDataset/DesignDataSet
annotation	Characteristics of Air Brakes

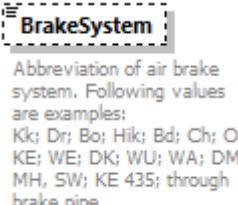
source	<pre> <xs:element name="AirBrake"> <xs:annotation> <xs:documentation>Characteristics of Air Brakes</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </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 brake weight for wagons with a linear auto continuous brake weight device "0" for wagons without brake 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/3.5									
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/3.5						
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: 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: Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through brake pipe</xs:documentation></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	<pre>classDiagram class LoadChangeDevice { <<Specific weights for change over air brake systems>> } class ChangeOverWeight { <<Change over weight of braked weight in tons variation device>> } class AirBrakedMassLoaded { <<Braked weight in tons loaded for change over weight>> } LoadChangeDevice "0..∞" --> ChangeOverWeight LoadChangeDevice "0..∞" --> AirBrakedMassLoaded</pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 tons variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tons loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric3-3									
properties	content simple									
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>Change over weight of braked weight in tonnes variation device</p>									
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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric3-3									
properties	content simple									
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>Braked weight in tonnes loaded for change over weight</p>									
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/3.5									
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/3.5
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/3.5
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"> <xs:annotation> <xs:documentation>Name of company who is responsible for allocation and maintenance of codes</xs:documentation> </xs: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/3.5
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"> <xs:annotation> <xs:documentation>Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -1000m</xs:documentation> </xs:annotation> </xs:element></pre>

element ArrivalAtDestination

diagram	<p>ArrivalAtDestination → Destination [+] → ArrivalTimeAtDestination 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</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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 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 --> Source Source --> Location Location --> ArrivalTimeAtLocation ArrivalTimeAtLocation --> TrainID note over ArrivalInterchangeReport: The arrival or interchange station where ETI end </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

```

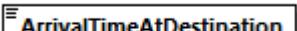
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:enumeration value="Experienced time of arrival"/>
    <xs:enumeration value="Real Time Train Situation"/>
    <xs:enumeration value="Estimated time of arrival"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="Location"/>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

```

element **ArrivalInterchangeReport/Source**

diagram	 Source Source of information
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation enumeration Experienced time of arrival enumeration Real Time Train Situation enumeration Estimated time of arrival
annotation	documentation Source of information
source	<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>

element **ArrivalTimeAtDestination**

diagram	 ArrivalTimeAtDestination The actual Date and Time of the arrival of wagons by train at its final destination yard
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
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 class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } ArrivalTrackAtLocation "1" -- "1" LocationIdent CountryCodeISO "Identifies a County or State by code (ISO 3166-1)" LocationPrimaryCode "part of PrimaryLocationName" PrimaryLocationName "Location Name in an officiation 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/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	 <p>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</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 Arrival 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/3.5
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>> } AssociatedAttachedTrainID "1" --> "1" CompositIdentifierPlannedType CompositIdentifierPlannedType "1" --> "1" ObjectType CompositIdentifierPlannedType "1" --> "1" Company CompositIdentifierPlannedType "1" --> "1" Core CompositIdentifierPlannedType "1" --> "1" Variant CompositIdentifierPlannedType "1" --> "1" TimetableYear CompositIdentifierPlannedType "1" --> "1" StartDate </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
type	restriction of xs:string
properties	content simple
used by	elements PlannedCalendar ReferenceTrainIDSubCalendar 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/3.5									
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	<p>documentation</p> <p>Bogie Wheelbase measured in mm</p>									
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/3.5

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/3.5
type	xs:dateTime
properties	content simple
used by	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/3.5
type	xs:time
properties	content simple
used by	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/3.5									
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/3.5									
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> <xs:documentation>Minimum percentage of braking. Expressed as an integer</xs:documentation> </xs:annotation></pre>									

	<pre>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/3.5															
type	restriction of xs:token															
properties	content simple															
used by	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 0 Contractual carrier / Lead carrier 1 Successive carrier 2 Substitute carrier 3 to be used for all other partners (e.g.</pre>															

	<p>subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)</xs:documentation></p> <p></xs:annotation></p> <p><xs:simpleType></p> <p><xs:restriction base="xs:token"></p> <p><xs:enumeration value="0"></p> <p><xs:annotation></p> <p><xs:documentation>0: Contractual carrier</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="1"></p> <p><xs:annotation></p> <p><xs:documentation>1: Successive carrier</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="2"></p> <p><xs:annotation></p> <p><xs:documentation>2: Substitute carrier</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="3"></p> <p><xs:annotation></p> <p><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></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p></xs:restriction></p> <p></xs:simpleType></p> <p></xs:element></p>
--	--

element **ChangeofTrackMessage**

diagram	<pre> classDiagram 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 class InterruptionDescription { 0..∞ The free text description of an interruption } class TransferPoint class TransfereeIM { Next IM } class ChangeofTrackMessage { This message is issued to show that the train is arriving at another platform to the one that was scheduled } MessageHeader < -- ChangeofTrackMessage MessageStatus < -- ChangeofTrackMessage TrainOperationalIdentification < -- ChangeofTrackMessage OperationalTrainNumberIdentifier < -- ChangeofTrackMessage ReferenceOTN < -- ChangeofTrackMessage LocationPlannedTrack < -- ChangeofTrackMessage LocationActualTrack < -- ChangeofTrackMessage BookedLocationDateTime < -- ChangeofTrackMessage TrainLocationStatus < -- ChangeofTrackMessage InterruptionReason < -- ChangeofTrackMessage InterruptionDescription < -- ChangeofTrackMessage TransferPoint < -- ChangeofTrackMessage TransfereeIM < -- ChangeofTrackMessage </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/3.5
properties	content complex
children	MessageHeader ns1: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**

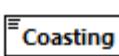
diagram	<p>CityTown</p> <p>Name of the City or Town in Clear Text</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</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/3.5
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/3.5
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/3.5									
type	FreeText									
properties	content simple									
used by	elements LocationPrimaryInformation 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>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="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/3.5
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/3.5
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/3.5
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	<pre> classDiagram class ConsignmentOrderMessage { <<Consignment Order Message from Lead RU to RU>> } class COMS { <<1..50<< <<Message (all bounded optional elements are bounded to obligations of legacy systems)>> } ConsignmentOrderMessage < -- COMS ConsignmentOrderMessage < -- MessageHeader COMS < -- MessageHeader </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader COMS
annotation	<p>documentation</p> <p>Consignment Order Message from Lead RU to RU</p>
source	<pre> <xss:element name="ConsignmentOrderMessage"> <xss:annotation> <xss:documentation>Consignment Order Message from Lead RU to RU</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="MessageHeader"/> <xss:element name="COMS" maxOccurs="50"> <xss:annotation> <xss:documentation>Message (all bounded optional elements are bounded to obligations of legacy systems)</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="COM_Header"> <xss:annotation> <xss:documentation>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="SendingRU" type="CompanyCode"> <xss:annotation> <xss:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xss:documentation> </xss:annotation> </xss:element> <xss:element name="ReceivingRU" type="CompanyCode"> <xss:annotation> <xss: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).</xss:documentation> </xss:annotation> </xss:element> <xss:element name="MessageReferenceNumber" minOccurs="0"> <xss: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"/>
    <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: RRRRYYYYMMDDNNNNNN Where RRRR = railway code,
YYYY = year, MM = month, DD = day and NNNNNNN = running
number.</xs:documentation>
  </xs:annotation>

```

```
</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: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>
```

```

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 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">
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            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
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    </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"/>
    <xsmaxLength 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>
            <xsmaxLength 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>
            <xsmaxLength 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:sequence>
                                            </xs:complexType>
                                        </xs:element>
                                    </xs:choice>
                                </xs:annotation>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</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: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: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: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>
        </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">
    <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="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>
        <xsmaxLength 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">
  <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>
                <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: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">
<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: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>
            <xs:complexType>
                <xs:restriction base="xs:int">
                    <xs:minInclusive value="1"/>
                    <xs:maxInclusive value="99"/>
                </xs:restriction>
            </xs:complexType>
        </xs:element>
    </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">
    and due)</xs:documentation>
    <xs:annotation>
        <xs:documentation>Freight Charges (paid
    </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:sequence>
                </xs:complexType>
            </xs:element>
            </xs:sequence>
        </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:choice>
                        <xs:element name="Prepaid"
```

```

<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: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>
    </xs:annotation>

```

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/3.5
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.</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: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>
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        <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation>
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      <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>
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        <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation>
      </xs:annotation>
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    <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>
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            <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>
```

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<xs:restriction base="xs:int">
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  <xs:maxInclusive value="999"/>
</xs:restriction>
</xs:simpleType>
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  <xs:annotation>
    <xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation>
  </xs:annotation>
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    <xs:documentation>Amount of the documents of the specified type.</xs:documentation>
  </xs:annotation>
</xs:element>
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    <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
  </xs:annotation>
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    </xs:restriction>
  </xs:simpleType>
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    <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
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    </xs:restriction>
  </xs:simpleType>
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</xs:complexType>
</xs:element>
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  <xs:annotation>
    <xs:documentation>Commercial Specification</xs:documentation>
  </xs:annotation>
</xs:element>
```

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    <xs:element name="SpecificationText" minOccurs="0">
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        <xs:documentation>Additional Text for codes with free
text</xs:documentation>
      </xs:annotation>
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        <xs:restriction base="xs:string">
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          <xs:maxLength value="350"/>
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      </xs:simpleType>
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minOccurs="0" maxOccurs="10">
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        <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:element>
      </xs:sequence>
      <xs:choice>
        <xs:element ref="PrepaidCodeCustomer"/>
        <xs:element ref="IncotermCode"/>
      </xs:choice>
    </xs:complexType>
  </xs:element>

```

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        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element ref="PrepaidcodeCarrier"/>
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    <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>
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            <xs:extension base="LocationIdent"/>
        </xs:complexContent>
    </xs:complexType>
</xs:element>
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maxOccurs="5">
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        <xs:documentation>Additional
Charges</xs:documentation>
    </xs:annotation>
    <xs:complexType>
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                <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">
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                        <xs:maxLength value="35"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Tariff">
    <xs:annotation>
```

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<xs:documentation>Number of customer agreement or
tariff</xs:documentation>
</xs:annotation>
<xs:complexType>
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<xs:annotation>
<xs:documentation>Number of customer
agreement.</xs:documentation>
</xs:annotation>
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leading zeros if necessary)</xs:documentation>
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</xs:minLength>
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tariff.</xs:documentation>
</xs:annotation>
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<xs:minLength value="1">
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leading zeros if necessary, but without check digit)</xs:documentation>
</xs:annotation>
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</xs:restriction>
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</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">
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<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">
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    <xs:documentation>Information about the section
to be invoiced.</xs:documentation>
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    <xs:choice>
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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>
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                  <xs:sequence>
                    <xs:complexType>
                      <xs:element>
                        <xs:sequence>
                          <xs:complexType>
                            <xs:element>
                              <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">
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    <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>
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            <xs:pattern value="\d*[1-9]\d*0"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
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section</xs:documentation>
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            <xs:maxLength value="80"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
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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"/>
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    <xs:element name="CustomsData" minOccurs="0">
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            <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>
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```
        <xs:restriction base="xs:boolean"/>
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</xs:element>
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        <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>
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        <xs:restriction base="xs:boolean"/>
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</xs:element>
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    <xs:annotation>
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or a consignor/consignee authorised by customs. Data element in accordance
with Regulation (EC) 1875/2006.</xs:documentation>
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    <xs:simpleType>
        <xs:restriction base="xs:string">
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    </xs:simpleType>
</xs:element>
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<xs:element name="RU_Declarations" minOccurs="0">
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        <xs:documentation>Carriers declaration</xs:documentation>
    </xs:annotation>
    <xs:complexType>
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maxOccurs="30">
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                    <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"/>
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            </xs:element>
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    </xs:complexType>
</xs:element>
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                    <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"/>
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    </xs:complexType>
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    <xs:complexType>
        <xs:sequence>
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            <xs:element name="CarrierCode" type="CompanyCode">
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                    <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>
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                    <xs:restriction base="xs:string">
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            </xs:element>
        </xs:sequence>
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</xs:element>
```

```
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        <xs:documentation>Streetnumber of
carrier.</xs:documentation>
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        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
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    </xs:simpleType>
</xs:element>
<xs:element name="Street" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Name of street of the
carrier</xs:documentation>
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    <xs:simpleType>
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            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
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    </xs:simpleType>
</xs:element>
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        <xs:documentation>Postal Code</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
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            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="City" minOccurs="0">
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        <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>
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                <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"/>
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        </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">
```

```
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<xsmaxLength value="35"/>
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carrier.</xs:documentation>
</xs:annotation>
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<xs:minLength value="1"/>
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</xs:simpleType>
</xs:element>
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carrier</xs:documentation>
</xs:annotation>
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<xs:minLength value="1"/>
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</xs:annotation>
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<xs:minLength value="1"/>
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</xs:restriction>
</xs:simpleType>
</xs:element>
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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">
    <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="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].</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

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:choice>
  </xs:complexType>
</xs:element>

```

```
        </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: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:sequence>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>

```

	<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>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</p> <p>SendingRU Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p> <p>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).</p> <p>MessageReferenceNumber Message Reference Number This identification is being generated during creation of the message. This allows the tracing of the message.</p> <p>ShipmentType Classification of the wagon order as "CUV", "CIM" or "SMGS".</p> <p>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.</p> <p>COM_ProductionDatetime Date and Time of preparation of the COM</p> <p>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 RRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</p> <p>VersionNumber Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.</p> <p>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.</p> <p>Intermodal</p> <p>ChangeLog 0..100 Log of changes made by the LeadRU / contractual carrier during the transport.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	SendingRU ReceivingRU MessageReferenceNumber ShipmentType ns1: 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 </pre>

the CIM consignment note.</xs:documentation>

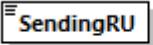
```

</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: RRRRYYYYMMDDNNNNNNN Where RRRR = 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**

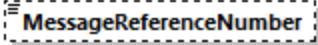
diagram	 SendingRU Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table> <thead> <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/3.5												
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/3.5									
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> <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>18</td><td>documentation Use here a counter, any system.</td></tr> </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**

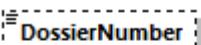
diagram	 <p>Classification of the wagon order as "CUV", "CIM" or "SMGS".</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:token						
properties	content simple						
facets	<table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>enumeration</td><td>CIM</td><td>documentation</td></tr> </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>	

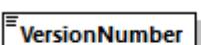
element **ConsignmentOrderMessage/COMS/COM_Header/COM_PreparationDatetime**

diagram	
	Date and Time of preparation of the COM
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNNN = running number.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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: RRRRYYYYMMDDNNNNNN 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: RRRRYYYYMMDDNNNNNN 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/3.5
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**

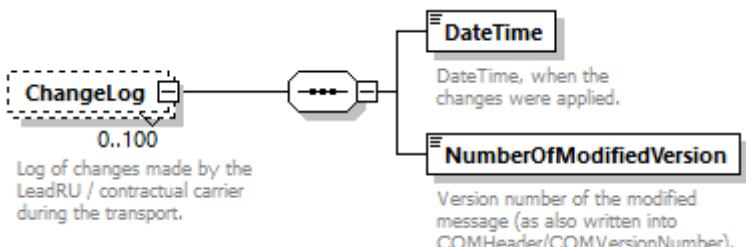
diagram	 <p>Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5						
type	restriction of xs:byte						
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>0 1</td><td></td></tr> </table>	Kind	Value	Annotation	pattern	0 1	
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

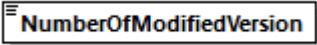
diagram	 <p>The diagram shows the ChangeLog element (represented by a rectangle with a dashed border) associated with two other elements: DateTime (represented by a rectangle with a solid border) and NumberOfModifiedVersion (also represented by a rectangle with a solid border). The association between ChangeLog and DateTime is labeled "0..100" below the line. A callout box for DateTime states: "DateTime, when the changes were applied." A callout box for NumberOfModifiedVersion states: "Version number of the modified message (as also written into COMHeader/COMVersionNumber)."</p> <p>ChangeLog 0..100 Log of changes made by the LeadRU / contractual carrier during the transport.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>100</td></tr> <tr> <td>content</td><td>complex</td></tr> </table>	minOcc	0	maxOcc	100	content	complex
minOcc	0						
maxOcc	100						
content	complex						
children	DateTime NumberOfModifiedVersion						
annotation	<p>documentation</p> <p>Log of changes made by the LeadRU / contractual carrier during the transport.</p>						

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

diagram	 <p>DateTime</p> <p>DateTime, when the changes were applied.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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> classDiagram class COM { <<Consignment order message>> } class COMS { <<Consignment order message>> } class COM < -- COMS class AcceptancePoint class DeliveryPoint class Customers class ConsignorDeclarations class GeneralInformation class AttachedDocuments class CommercialSpecifications class PrepaymentInstructions class Tariff class SectionalInvoicing class DeclarationOfValue class InterestInDelivery class CashOnDelivery : 0..10 class RouteSection : 0..30 class SpecialTreatments : 0..30 class CustomsProcedures class CustomsData class RU_Declarations class Carriers : 1..30 class LeadCarrier class MadeOut class ChargeNote class TransitPeriodExtensions : 0..30 class ChargingSections : 1..15 class Wagons : 0..99 class WagonPreviousNumberFreight : 0..20 class AgreeTimeOfDelivery COMS --> AcceptancePoint COMS --> DeliveryPoint COMS --> Customers : 2..4 COMS --> ConsignorDeclarations : 0..10 COMS --> GeneralInformation COMS --> AttachedDocuments : 0..10 COMS --> CommercialSpecifications : 0..5 COMS --> PrepaymentInstructions COMS --> Tariff COMS --> SectionalInvoicing COMS --> DeclarationOfValue COMS --> InterestInDelivery COMS --> CashOnDelivery COMS --> RouteSection COMS --> SpecialTreatments COMS --> CustomsProcedures COMS --> CustomsData COMS --> RU_Declarations COMS --> Carriers COMS --> LeadCarrier COMS --> MadeOut COMS --> ChargeNote COMS --> TransitPeriodExtensions : 0..30 COMS --> ChargingSections COMS --> Wagons COMS --> WagonPreviousNumberFreight COMS --> AgreeTimeOfDelivery COM --> AcceptancePoint COM --> DeliveryPoint COM --> Customers COM --> ConsignorDeclarations COM --> GeneralInformation COM --> AttachedDocuments COM --> CommercialSpecifications COM --> PrepaymentInstructions COM --> Tariff COM --> SectionalInvoicing COM --> DeclarationOfValue COM --> InterestInDelivery COM --> CashOnDelivery COM --> RouteSection COM --> SpecialTreatments COM --> CustomsProcedures COM --> CustomsData COM --> RU_Declarations COM --> Carriers COM --> LeadCarrier COM --> MadeOut COM --> ChargeNote COM --> TransitPeriodExtensions COM --> ChargingSections COM --> Wagons COM --> WagonPreviousNumberFreight COM --> AgreeTimeOfDelivery </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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>

```
</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:restriction>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

```
        <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">
    <xsmaxLength 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:element>
```

```
<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: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: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="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>
      <xsmaxLength 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>
      <xsmaxLength value="6"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
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type="CompanyCode">
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                <xs:documentation>Sectional invoicing
by</xs:documentation>
              </xs:annotation>
              <xs:element name="InvoicedSection">
                <xs:annotation>
                  <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
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type="CountryIdentISO">
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                        <xs:documentation>Invoiced section specified by
country</xs:documentation>

```

```
                </xs:annotation>
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type="CompanyCode">
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carrier</xs:documentation>
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                    </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>
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                                <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>
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    <xs:documentation>Details of the amount to be collected on delivery and the currency code.</xs:documentation>
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        <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>
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  </xs:element>
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    <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>
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        <xs:documentation>Customs procedures</xs:documentation>
    </xs:annotation>
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procedures. </xs:documentation>
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(STP).</xs:documentation>
                </xs:annotation>
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RU</xs:documentation>
            </xs:annotation>
        </xs:element>
        <xs:element name="CustomsSurveillance">
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                <xs:documentation>Good under customs
surveillance</xs:documentation>
            </xs:annotation>
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        </xs:element>
        <xs:element name="CustomsEndorsements" minOccurs="0">

```

```
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    <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>
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        <xs:documentation>Carriers declaration</xs:documentation>
    </xs:annotation>
    <xs:complexType>
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                    <xs:documentation>Details of the carriers
declaration.</xs:documentation>
                </xs:annotation>
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                            <xs:annotation>
                                <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                        <xs:element ref="RU_DeclarationCode"/>
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point given by the consignor.</xs:documentation>
                </xs:annotation>
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type="LocationIdent" minOccurs="0">
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                                <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>
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                        </xs:element>
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            </xs:element>
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Code)</xs:documentation>
                </xs:annotation>
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            <xs:element name="ResponsibleCarrierCode" type="CompanyCode"
minOccurs="0">
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carrier in charge.</xs:documentation>
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                </xs:simpleType>
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            <xs:element name="StreetNumber" minOccurs="0">
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                    <xs:documentation>Streetnumber of
carrier.</xs:documentation>
                </xs:annotation>
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carrier</xs:documentation>
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```

```
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        <xs:documentation>City/Town</xs:documentation>
    </xs:annotation>
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minOccurs="0">
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    </xs:annotation>
</xs:element>
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carrier. This can be a station OR a border crossing
point.</xs:documentation>
    </xs:annotation>
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<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>
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responsible and the operating carrier</xs:documentation>
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                    <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
                </xs:annotation>
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```

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    </xs:annotation>
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        <xs:documentation>LeadCarrier/ Contractual carrier</xs:documentation>
    </xs:annotation>
</xs:complexType>
<xs:sequence>
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        <xs:annotation>
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        </xs:annotation>
    </xs:element>
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        <xs:annotation>
            <xs:documentation>Name of contractual carrier</xs:documentation>
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</xs:sequence>
<xs:annotation>
</xs:annotation>
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    </xs:annotation>
</xs:element>
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    </xs:annotation>
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```

```
<xs:restriction base="xs:string">
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  <xs:maxLength value="35"/>
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</xs:simpleType>
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    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
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      <xs:minLength value="1"/>
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  </xs:simpleType>
</xs:element>
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    <xs:documentation>City/Town</xs:documentation>
  </xs:annotation>
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      <xs:maxLength value="35"/>
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    <xs:documentation>Country Code (ISO Code)</xs:documentation>
  </xs:annotation>
</xs:element>
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missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
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  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
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  <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>  
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                <xs:minLength value="1"/>  
            </xs:restriction>  
        </xs:simpleType>  
    </xs:element>  
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        <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>  
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        <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">  
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                    <xs:documentation>Date, when the destination carrier sent  
the charges note back to the contractual carrier.</xs:documentation>  
                </xs:annotation>  
            </xs:element>  
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    </xs:complexType>  
</xs:element>  
<xs:element name="TransitPeriodExtensions" minOccurs="0"  
maxOccurs="30">  
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            <xs:element name="Description" minOccurs="0">  
                <xs:annotation>  
                    <xs:documentation>Description for CodeOfCause no.  
9.</xs:documentation>  
                </xs:annotation>  
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                </xs:simpleType>  
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                    <xs:documentation>Place of the extension.</xs:documentation>  
                </xs:annotation>  
                <xs:simpleType>  
                    <xs:restriction base="xs:string">
```

```
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</xs:simpleType>
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extension.</xs:documentation>
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    </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">
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        <xs:documentation>Charging section</xs:documentation>
    </xs:annotation>
    <xs:complexType>
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                <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>
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                        <xs:pattern value="\d*[1-9]\d*"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
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                    <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">
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        <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>
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                                    <xs:enumeration value="m2"/>
                                    <xs:enumeration value="m3"/>
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                        </xs:element>
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                </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>
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</xs:simpleType>
</xs:element>
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        <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:restriction>
                </xs:simpleType>
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                <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>
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            </xs:element>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Fee" minOccurs="0">
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deductions</xs:documentation>
    </xs:annotation>
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            <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: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: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>
  </xs:complexType>
</xs:element>
```

```
        </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>
```

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/3.5
properties	content complex
children	Station RP Code ProductionStation AcceptanceDate ConsignmentNumber ForwardingTrainNumber CarrierCode
annotation	documentation Description of location and time for the take over of the consignment
source	<pre> <xss:element name="AcceptancePoint"> <xss:annotation> <xss:documentation>Description of location and time for the take over of the consignment</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="Station"/> <xss:element ref="RP_Code" minOccurs="0"/> <xss:element ref="ProductionStation" minOccurs="0"/> <xss:element name="AcceptanceDate" minOccurs="0"> <xss:annotation> <xss:documentation>Date and time (month, day and hour) at which the goods were accepted. </xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss: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**

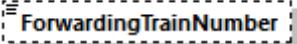
diagram	 <p>Date and time (month, day and hour) at which the goods were accepted.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation</p> <p>Date and time (month, day and hour) at which the goods 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	 <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>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	 <p>Train number at shipping</p>				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5				
type	restriction of xs:string				
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> </tr> </thead> <tbody> <tr> <th>maxOcc</th> <th>1</th> </tr> </tbody> </table>	minOcc	0	maxOcc	1
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/3.5												
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/3.5
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> <xss:element name="DeliveryPoint"> <xss:annotation> <xss:documentation>Description of location and time for the hand over of the consignment</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="Station"/> <xss:element ref="RP_Code" minOccurs="0"/> <xss:element ref="ProductionStation" minOccurs="0"/> </xss:sequence> </xss:complexType> </xss: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 0..10 } 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/3.5
properties	minOcc 0 maxOcc 10 content complex
children	ns1: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/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference InformationConsignee WagonGroupInfo
annotation	documentation General information about the complete consignment
source	<pre><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"> </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/3.5									
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>35</td><td></td></tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<p>documentation</p> <p>Consignor's reference concerning the complete consignment</p>									
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/3.5									
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/3.5

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	<pre> sequenceDiagram participant AttachedDocuments participant DocumentType participant DocumentInformation participant Quantity participant DocumentTypeDescription participant Filename participant StatusOfDocument AttachedDocuments --> DocumentType AttachedDocuments --> DocumentInformation AttachedDocuments --> Quantity AttachedDocuments --> DocumentTypeDescription AttachedDocuments --> Filename AttachedDocuments --> StatusOfDocument </pre> <p>AttachedDocuments Paper documents accompanying the transport</p> <p>DocumentType Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</p> <p>DocumentInformation Additional information regarding the attached document may be entered here.</p> <p>Quantity Amount of the documents of the specified type.</p> <p>DocumentTypeDescription Description of document type, when it is not in the UN/EDIFACT 1001 list included.</p> <p>Filename Filename of embedded pdf in legacy system</p> <p>StatusOfDocument Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN ...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	DocumentType DocumentInformation Quantity DocumentTypeDescription Filename StatusOfDocument
annotation	documentation Paper documents accompanying the transport
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**

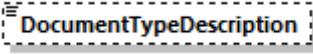
diagram										
	Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
facets	<table> <thead> <tr> <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/3.5									
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/3.5
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/3.5
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 { <<Commercial Specification>> <<0..5>> } class CommercialSpecificationCode { <<Commercial specifications code>> } class SpecificationText { <<Additional Text for codes with free text>> } class CarrierCode { <<additional carrier code belonging to the given contract number>> } class ContractNumber { <<additional contract number according to the given carrier code.>> } CommercialSpecifications "0..5" -- "0..1" CommercialSpecificationCode CommercialSpecifications "0..5" -- "0..10" SpecificationText CommercialSpecifications "0..5" -- "0..10" CarrierCode CommercialSpecifications "0..5" -- "0..10" ContractNumber </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 5 content complex
children	ns1: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**

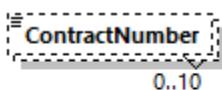
diagram	 <p>Additional Text for codes with free text</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> <tr> <td>content</td><td>simple</td></tr> </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>Additional Text for codes with free text</p>									
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/3.5
type	CompanyCode
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/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 10 content simple
used by	element WIMO Dataset/ConsignmentLevelData

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. PrepaymentCustomer: Contains the text "Prepaidcode (given by the client)". PrepaidcodeCarrier: Contains the text "Prepaidcode (given by the railway)". PaidUpTo: Contains the text "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." AdditionalCharges: Contains the text "0..5 Additional Charges".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	PrepaymentCustomer ns1:PrepaidcodeCarrier PaidUpTo AdditionalCharges
annotation	documentation Prepayment
source	<pre><xs:element name="PrepaymentInstructions"> <xs:annotation></pre>

```
<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: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>
```

	<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 class PrepaidCodeCustomer class IncotermCode PrepaymentCustomer < -- PrepaidCodeCustomer PrepaymentCustomer < -- IncotermCode PrepaidCodeCustomer "1" -- "Prepaidcode (given by the client)" PrepaidCodeCustomer IncotermCode "1" -- "Incoterm (given by the client)" IncotermCode </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ns1:PrepaidCodeCustomer ns1: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/3.5
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/3.5
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>

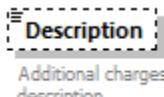
element ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Code

diagram	 Additional charges code according CIT GLV-CIM appendix 3						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	length	2	
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/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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/3.5
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/3.5									
type	restriction of <code>xs:string</code>									
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><code>minLength</code></td> <td>1</td> <td>documentation has to be sent as n6 (with leading zeros if necessary)</td> </tr> <tr> <td><code>maxLength</code></td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	<code>minLength</code>	1	documentation has to be sent as n6 (with leading zeros if necessary)	<code>maxLength</code>	6	
Kind	Value	Annotation								
<code>minLength</code>	1	documentation has to be sent as n6 (with leading zeros if necessary)								
<code>maxLength</code>	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/3.5												
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><code>minLength</code></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><code>maxLength</code></td> <td>6</td> <td></td> </tr> <tr> <td><code>pattern</code></td> <td><code>\d*[1-9]\d*</code></td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	<code>minLength</code>	1	documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)	<code>maxLength</code>	6		<code>pattern</code>	<code>\d*[1-9]\d*</code>	
Kind	Value	Annotation											
<code>minLength</code>	1	documentation has to be sent as n6 (with leading zeros if necessary, but without check digit)											
<code>maxLength</code>	6												
<code>pattern</code>	<code>\d*[1-9]\d*</code>												
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>
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element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing**

diagram	<pre> sequenceDiagram participant SectionalInvoicing participant Section SectionalInvoicing->>Section: activate Section Section-->>SectionalInvoicing: 1..30 deactivate Section </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </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>1..30 Sectional Invoicing</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	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													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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 Sectional invoicing by												
source	<pre> <xs:element name="InvoicingCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Sectional invoicing by</xs:documentation> </xs:annotation> </xs:element> </pre>												

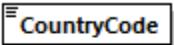
element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection**

diagram	
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

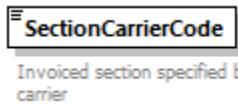
element

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

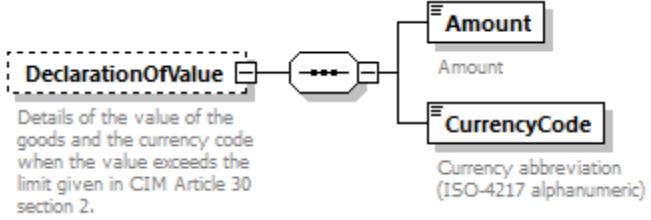
diagram	 <p>Invoiced section specified by country</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
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/SectionallInvoicing/Section/InvoicedSection/SectionCarrierCode

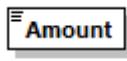
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <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 Invoiced section specified by carrier												
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							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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	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.						
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5									
type	Money Type									
properties	content simple									
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>totalDigits</td> <td>18</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>2</td> <td></td> </tr> </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>
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element **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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"> <xs:annotation></pre>

	<pre> <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	 Amount
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/CashOnDelivery/CurrencyCode**

diagram	 Currency abbreviation (ISO-4217 alphanumeric)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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></pre>

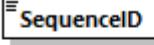
	</xs:element>
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element **ConsignmentOrderMessage/COMS/COM/RouteSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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:element name="RouteText" minOccurs="0"> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <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>
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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/3.5
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/3.5									
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	 <p>Description of the specific route section</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>80</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	80	
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**

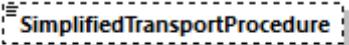
diagram	<pre> classDiagram class CustomsProcedures { <<Customs procedures>> } class RU_Partner { <<Code of the RU entrusted of customs procedures.>> } class Location { <<Identifies a Location using a LocationIdent>> } CustomsProcedures "2..3" --> RU_Partner CustomsProcedures "2..3" --> Location </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RU Partner Location
annotation	<p>documentation</p> <p>Customs procedures</p>
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**

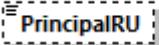
diagram	<pre> classDiagram class CustomsData { <<Customs Data>> } class SimplifiedTransportProcedure { <<Simplified transport procedure is used (STP).>> } class PrincipalRU { <<Code for the principal RU>> } class CustomsSurveillance { <<Good under customs surveillance>> } class CustomsEndorsements { <<Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.>> } CustomsData "2..3" --> SimplifiedTransportProcedure CustomsData "2..3" --> PrincipalRU CustomsData "2..3" --> CustomsSurveillance CustomsData "2..3" --> CustomsEndorsements </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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>

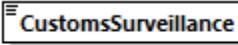
element **ConsignmentOrderMessage/COMS/COM/CustomsData/SimplifiedTransportProcedure**

diagram	 SimplifiedTransportProcedure Simplified transport procedure is used (STP).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:boolean"/> </xs:simpleType> </xs:element></pre>

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

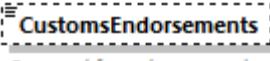
diagram	 PrincipalRU Code for the principal RU
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Code for the principal RU
source	<pre><xs:element 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/3.5
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/3.5									
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 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> sequenceDiagram participant RU_Declarations participant CarriersDeclaration participant RU_Declaration participant DifferentAcceptance RU_Declarations->>CarriersDeclaration: Carriers declaration activate CarriersDeclaration CarriersDeclaration-->>RU_Declaration: RU_Declaration activate RU_Declaration RU_Declaration-->>DifferentAcceptance: DifferentAcceptance activate DifferentAcceptance </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	RU Declaration DifferentAcceptance
annotation	<p>documentation Carriers declaration</p>
source	<pre> <xss:element name="RU_Declarations" minOccurs="0"> <xss:annotation> <xss:documentation>Carriers declaration</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="RU_Declaration" minOccurs="0" maxOccurs="30"> <xss:annotation> <xss:documentation>Details of the carriers declaration.</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="DeclaringRU" type="CompanyCode"> <xss:annotation> <xss:documentation>Code of carrier, who added the declaration.</xss:documentation> </xss:annotation> </xss:element> <xss:element ref="RU_DeclarationCode"/> <xss:element ref="DeclarationText" minOccurs="0"/> </xss:sequence> </xss:complexType> </xss:element> <xss:element name="DifferentAcceptance" minOccurs="0"> <xss:annotation> <xss:documentation>Details of the changes of the acceptance point given by the consignor.</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0"> <xss:annotation> <xss:documentation>Variance of acceptance point given in structure AcceptancePoint.</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </xss:sequence> </xss:complexType> </xss: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>
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element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration**

diagram	<pre> classDiagram class RU_Declaration { <<0..30>> <<Details of the carriers declaration.>> } 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/3.5
properties	minOcc 0 maxOcc 30 content complex
children	DeclaringRU ns1:RU_DeclarationCode DeclarationText
annotation	documentation Details of the carriers declaration.
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/3.5												
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>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							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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	DifferentAcceptancePoint DifferentAcceptanceDate						
annotation	<p>documentation</p> <p>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>
--	---

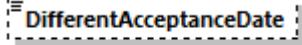
element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	LocationIdent						
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	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification						
annotation	documentation Variance of acceptance point given in structure AcceptancePoint.						
source	<pre> <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> </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/3.5
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/3.5

properties	minOcc maxOcc content	1 30 complex				
children	CarrierStatus CarrierCode ResponsibleCarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode SectionFrom SectionTo SubContractNumber SplitContract					
attributes	Name sequenceID	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>
```

	<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**

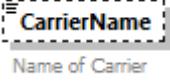
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <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**

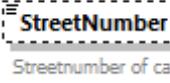
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	CompanyCode		
properties	minOcc 0 maxOcc 1 content simple		
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}		
annotation	documentation Railway Undertaking (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**

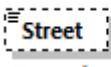
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of Carrier
source	<pre><xs:element name="CarrierName" minOccurs="0"> <xs:annotation> <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**

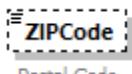
diagram	
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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	 ZIPCode Postal Code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

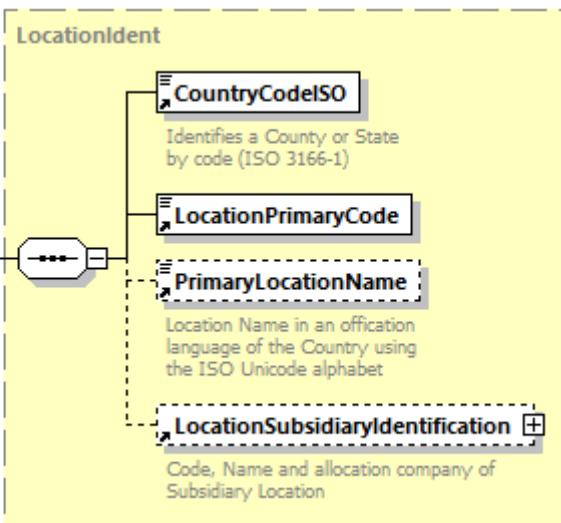
element **ConsignmentOrderMessage/COMS/COM/Carriers/City**

diagram	 City City/Town
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 **ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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 { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } class SectionTo SectionTo "End of section to be performed by the carrier. This can be a station OR a border crossing point." --> LocationIdent </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 CompositeStructure { <<Contractual carrier, railway undertaking (Railway Code).>> <<Name of contractual carrier>> <<Streetnumber of carrier.>> <<Name of street of the carrier>> <<Postal Code>> <<City/Town>> <<Country Code (ISO Code)>> <<Signature>> } LeadCarrier --> CompositeStructure </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5												
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>Contractual carrier, railway undertaking (Railway Code).</p>												
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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

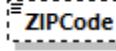
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of <code>xs:string</code>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<pre><xs:element name="StreetNumber" minOccurs="0"> <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	 Name of street of the carrier
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 Postal Code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

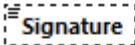
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<pre><xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</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 **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode**

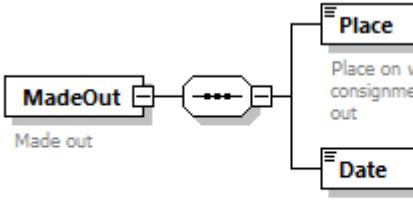
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<pre><xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"></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</p> <p>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/3.5									
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>35</td><td></td></tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<p>documentation</p> <p>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</p> <p>Place</p> <p>Place on which the consignment note was made out</p> <p>Date</p> <p>Date at which the consignment note was made out.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	Place Date
annotation	documentation Made out
source	<pre><xs:element name="MadeOut"> <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	 <p>Place</p> <p>Place on which the consignment note was made out</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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**

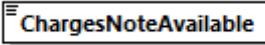
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date at which the consignment note was made out.
source	<pre> <xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element> </pre>

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

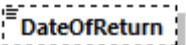
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ChargesNoteAvailable DateOfReturn
annotation	documentation Charges note
source	<pre> <xs:element name="ChargesNote" minOccurs="0"> <xs:annotation> <xs:documentation>Charges note</xs:documentation> </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/3.5
type	xs:boolean
properties	content simple
source	<xs:element name="ChargesNoteAvailable" type="xs:boolean"/>

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

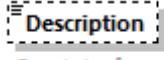
diagram	 Date, when the destination carrier sent the charges note back to the contractual carrier.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date, when the destination carrier sent the charges note back to the 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/3.5
properties	minOcc 0 maxOcc 30 content complex
children	ns1: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/3.5									
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	documentation Description for CodeOfCause no. 9.									
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

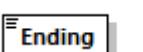
diagram	 <p>Place of the extension.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation

	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/3.5
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/3.5
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	<pre> classDiagram class Start class End class CommercialRouteCode class CurrencyCode class Tariff class AdditionalCharges class ChargingSections { 1..15 } Start < -- ChargingSections End < -- ChargingSections CommercialRouteCode < -- ChargingSections CurrencyCode < -- ChargingSections Tariff < -- ChargingSections AdditionalCharges < -- ChargingSections </pre> <p>Start of the charging section</p> <p>End of the charging section</p> <p>Route code (RIP) when the customer agreement or the tariff applied provide for it.</p> <p>Code for the currency of the amounts entered in the charging section.</p> <p>Freight Charges Section Tariff</p> <p>Route code (RIP) when the customer agreement or the tariff applied provide for it.</p> <p>0..10</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table border="1"> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>15</td></tr> <tr> <td>content</td><td>complex</td></tr> </table>	minOcc	1	maxOcc	15	content	complex
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 the tariff applied provide for it</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCodeType"> <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" type="TariffType"> <xs:annotation> <xs:documentation>Freight Charges Section Tariff</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AdditionalCharges" type="AdditionalChargesType"> <xs:annotation> <xs:documentation>Additional charges</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </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="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: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>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	<pre> graph LR Start([Start]) --> LBoundary[LocationIdent] subgraph LBoundary [LocationIdent] CC[CountryCodeISO] LPC[LocationPrimaryCode] PLN[PrimaryLocationName] LSID[LocationSubsidiaryIdentification] PLN -.-> LSID end </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
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**

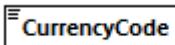
diagram	<pre> classDiagram class LocationIdent { --- CountryCodeISO : Identifies a County or State by code (ISO 3166-1) --- LocationPrimaryCode --- PrimaryLocationName : Location Name in an official language of the Country using the ISO Unicode alphabet --- LocationSubsidiaryIdentification : Code, Name and allocation company of Subsidiary Location } class End End --> LocationIdent note over End: End of the charging section </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 note over CommercialRouteCode: Route code (RIP) when the customer agreement or the tariff applied provide for it. </pre>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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/3.5						
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	<pre> graph LR Tariff[Tariff] --- NHMCode[NHMCode] Tariff --- TariffNumber[TariffNumber] Tariff --- ChargedMass[ChargedMass] Tariff --- ExchangeRate[ExchangeRate] Tariff --- FreightCharges[FreightCharges] subgraph "Freight Charges Section Tariff" Tariff end </pre>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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	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>						

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<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>
```

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</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	NHMCode NHM code determining the charges applicable.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	documentation NHM code determining the charges applicable.									
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	TariffNumber Customer agreement or tariff applied									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	documentation Customer agreement or tariff applied									
source	<pre> <xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Customer agreement or tariff applied</xs:documentation></pre>									

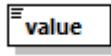
	<pre> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass**

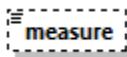
diagram	<pre> classDiagram class ChargedMass { <<Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.>> } ChargedMass "1" -- "0..1" value : value ChargedMass "1" -- "0..1" measure : measure </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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" 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> </pre>

	<code></xs:element></code>
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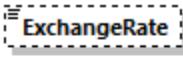
element ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/value

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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>												

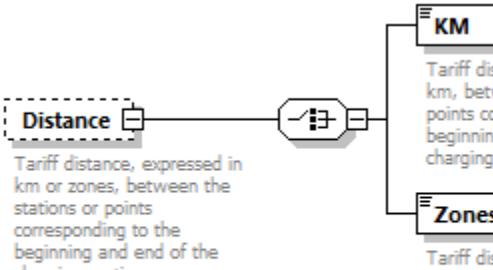
element ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/ChargedMass/measure

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	<table> <thead> <tr> <th>minOcc</th> <th>0</th> <th></th> </tr> <tr> <th>maxOcc</th> <th>1</th> <th></th> </tr> <tr> <th>content</th> <th>simple</th> <th></th> </tr> </thead> </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										
	Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>18</td><td></td></tr> <tr> <td>fractionDigits</td><td>3</td><td></td></tr> </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> <p>KM</p> <p>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</p> <p>Zones</p> <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/3.5						
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	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</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>KM</p> <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/3.5									
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/3.5									
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/3.5									
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>totalDigits</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		totalDigits	4	
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/3.5
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 <p>Carriage charges to be paid by the consignor in the tariff currency.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>Carriage charges to be paid by the consignor in the tariff currency.</p>									
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 <p>Carriage charges to be paid by the consignee in the tariff currency.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>Carriage charges to be paid by the consignee in the tariff currency.</p>									

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

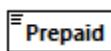
diagram	<pre> sequenceDiagram participant AC as AdditionalCharges participant C as Code participant P as Prepaid participant T as Transferred AC->>J: activate J J-->>C: J-->>P: J-->>T: deactivate J </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
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>
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element **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Code**

diagram	 <p>Additional charges code</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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**

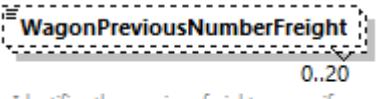
diagram	 <p>Prepaid</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Money_Type									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>18</td> <td></td> </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:annotation></code> <code></xs:element></code>
--	---

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Money Type
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Transferred
source	<code><xs:element name="Transferred" type="Money_Type"></code> <code> <xs:annotation></code> <code><xs:documentation>Transferred</xs:documentation></code> <code></xs:annotation></code> <code></xs:element></code>

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

diagram	 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/3.5
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	<code><xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"></code> <code> <xs:annotation></code> <code><xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation></code> <code></xs:annotation></code> <code><xs:simpleType></code> <code><xs:restriction base="WagonIdent"></code> <code><xs:length value="12"/></code> <code></xs:restriction></code> <code></xs:simpleType></code>

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

element **ContainerHandlingFlag**

diagram	ContainerHandlingFlag This establishment is able to handle container traffic
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

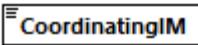
diagram	ContractNumber Number of agreement between LeadRU and Responsible RU									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	content simple									
used by	element WIMO Dataset/ConsignmentLevelData									
facets	<table> <thead> <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/3.5									
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

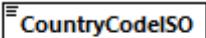
diagram	 <p>The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by the leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the partner-IMs.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType
facets	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/3.5									
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	<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 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/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

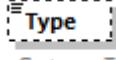
type	extension of CustomerCode
properties	content complex
children	CountryCode ISO PrimaryCode AdditionalCode Type CustomerCode Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts ContractualCarrierCode
used by	element WIMO Dataset/ConsignmentLevelData
annotation	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>
```

```
        <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 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>
<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/3.5									
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>CR</td> <td></td> </tr> <tr> <td>enumeration</td> <td>CE</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CR		enumeration	CE	
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/3.5									
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>16</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	16	
Kind	Value	Annotation								
minLength	1									
maxLength	16									
annotation	documentation CODE: Customer Code of the Contractual Carrier									
source	<pre> <xs:element name="CustomerCode" minOccurs="0"></pre>									

	<pre> <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**

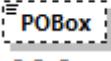
diagram	<div style="border: 1px dashed black; padding: 2px; display: inline-block;"> AdditionalInformation </div> <p>Additional Information supplied by Customer</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 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>45</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	45	
Kind	Value	Annotation								
minLength	1									
maxLength	45									
annotation	<p>documentation</p> <p>Additional Information supplied by Customer</p>									
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	<p>VAT</p> <p>Value Added Tax</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
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**

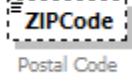
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<pre><xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</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**

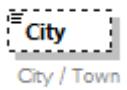
diagram	
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5									
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 **Customer/Signature**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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 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**

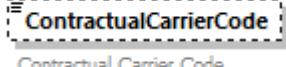
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	PhonNumber FaxNumber eMail
annotation	documentation Contact information
source	<pre> <xs:element name="Contacts" minOccurs="0"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </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**

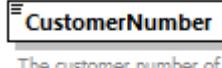
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	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/3.5						
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/3.5

type	restriction of xs:string									
properties	content simple									
used by	elements Customers LoadingFacility									
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>16</td> <td></td> </tr> </tbody> </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 } class Customers { <<Information about the consignor, consignee and freight payers.>> } Customers "1" -- "*" CustomerType CustomerType "1" -- "*" CustomerNumber CustomerType "1" -- "*" Name CustomerType "1" -- "*" AdditionalInformation CustomerType "1" -- "*" VAT CustomerType "1" -- "*" POBox CustomerType "1" -- "*" StreetNumber </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ns1:CustomerType CustomerNumber Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature AdministrativeContactInformation
used by	element ConsignmentOrderMessage/COMS/COM
annotation	documentation Information about the consignor, consignee and freight payers.
source	<pre> <xss:element name="Customers"> <xss:annotation> <xss:documentation>Information about the consignor, consignee and freight payers.</xss:documentation> </xss:annotation> </xss: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>
```

```

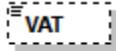
<xs:documentation>Country Code (ISO Code)</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ZIPCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Postal Code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <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>

```

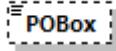
element **Customers/AddidtionalInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
source	<xs:element name="AddidtionalInformation" minOccurs="0"/>

element **Customers/VAT**

diagram	 VAT VAT identification Nr of customer
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 POBox P.O. Box
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

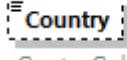
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	1	content	simple			
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>5</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	5	
Kind	Value	Annotation								
minLength	1									
maxLength	5									
annotation	<p>documentation</p> <p>House number</p>									
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**

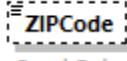
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	1	content	simple			
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>35</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<p>documentation</p> <p>Street</p>									
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/3.5
type	<u>CountryIdentISO</u>
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/3.5
type	restriction of <u>xs:string</u>
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>

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

element **Customers/City**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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] --- Boundary[DanGoodsType] subgraph Boundary direction TB HIN[HazardIdentificationNumber] UN[UN_Number] DL[DangerLabel] RC[RID_Class] PG[PackingGroup] DW[DangerousGoodsWeight] DV[DangerousGoodsVolume] LQI[LimitedQuantityIndicator] end </pre> <p>DangerousGoodsIndication</p> <p>Identifies dangerous goods</p> <p>DanGoodsType</p> <ul style="list-style-type: none"> HazardIdentificationNumber UN_Number DangerLabel RID_Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
namespace	http://www.era.europa.eu/schemes/TAF-TSI/3.5

type	DanGoodsType
properties	content complex
children	HazardIdentificationNumber UN Number ns1:DangerLabel RID Class ns1:PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	elements WIMO Dataset/ConsignmentLevelData PlannedTrainData WagonOperationalData complexType IntermodalTransportDataType
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-line border. Inside, the text "DangerousGoodsIndicator" is written in a bold, black, sans-serif font.</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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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-line border. Inside, the text "DangerousGoodsVolume" is written in a bold, black, sans-serif font.</p>
	The volume of the dangerous goods in cubic meters
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	VolumeValue
properties	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"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element></pre>

element DangerousGoodsWeight

diagram	 The weight of dangerous goods in kilograms
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WeightValueKilo
properties	content simple
used by	elements RID_SummaryOfGoodsWithSameRID complexType DanGoodsType
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation The weight of dangerous goods in kilograms
source	<pre><xs:element name="DangerousGoodsWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>The weight of dangerous goods in kilograms</xs:documentation> </xs:annotation> </xs:element></pre>

element Date

diagram	 Date
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple
annotation	documentation Date
source	<pre><xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date</xs:documentation> </xs:annotation> </xs:element></pre>

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/3.5
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/3.5
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/3.5
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/3.5									
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/3.5															
type	ns1: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														
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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 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**

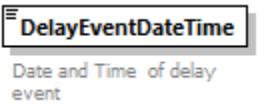
diagram	<pre> classDiagram class DelayCauseTime { <<Identifies the delay of a train due to a specified reason. In addition it allows to put in a more detailed description (Changed from DelayReasonTime)>> } class DelayCause { <<Describes the reason for a delay>> } class DelayMinutes { <<Identifies the 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/3.5
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/3.5
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/3.5
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 "1" --> "3..>" DelayLocation DelayEventReport "1" --> "3..>" TrainLocationStatus DelayEventReport "1" --> "3..>" DelayCauseTime DelayEventReport "1" --> "0..>" BookedLocationDateTime DelayEventReport "1" --> "0..>" ReferencedLocationDateTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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></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/3.5
properties	content complex
children	Destination DeliveryTimeAtDestination
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 { <<ILU Details ITU Details Wagons/WagonDetails>> } </pre>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

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

element DeliveryTimeAtDestination

diagram	 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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element DeliveryAtDestination
annotation	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
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	 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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	element NextIntermediateDestination
annotation	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
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></pre>

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

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 { <<TrainID>> } DepartureInterchangeReport "2" -- "1" Location : DepartureInterchangeReport "2" -- "1" DepartureTimeAtLocation : DepartureInterchangeReport "2" -- "0..1" TrainID : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Indicates the track ID on which the train will start its journey.
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/3.5
type	xs:dateTime
properties	content simple
used by	DepartureInterchangeReport WagonAtDeparture WagonPickupAtOrigin YardDeparture
annotation	documentation the scheduled departure date and time at a defined location
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 { <<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.>> } 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 CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode { <<Location Name in an official language of the Country using the ISO Unicode alphabet>> } 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>> } DepartureTrackAtLocation "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/3.5
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> <xsd:element name="DepartureTrackAtLocation" type="LocationIdent"> <xsd:annotation> <xsd: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.</xsd:documentation> </xsd:annotation> </xsd:element> </pre>

element **Destination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ArrivalAtDestination WIMO Dataset/ConsignmentLevelData DeliveryAtDestination
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LengthCode Length Width Height

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/3.5									
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

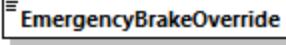
diagram	 <p>The minimum duration of dwell time expressed in minutes</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <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	<p>documentation</p> <p>The minimum duration of dwell time expressed in minutes</p>						
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	 <p>Generic eMail address in Free text</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	<p>documentation</p> <p>Generic eMail address in Free text</p>									
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	 <p>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 <p>The end date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 <p>The end date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 class Error class PlannedTransportIdentifiers class TransportOperationalIdentifiers ErrorMessage < -- Message ErrorMessage --> MessageHeader ErrorMessage --> MessageStatus ErrorMessage --> AdministrativeContactInformation ErrorMessage --> ErrorCauseReference ErrorMessage --> Error 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/3.5
properties	content complex
children	MessageHeader ns1: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>

```

        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 original 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 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>

	<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> (represented by a rectangle with a plus sign) and another to <code>MessageSenderReference</code> (represented by a rectangle with a minus sign). A callout box next to <code>MessageReference</code> states: "This element identifies the message". Another callout box next to <code>MessageSenderReference</code> states: "The reference to the message and its particular element(s) that caused the error is provided here".</p>
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.5
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 a single UML class named <code>MessageSenderReference</code>, represented by a rectangle with a dashed border.</p>									
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.5									
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> <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									

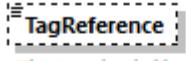
source	<code><xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/></code>
--------	--

element **ErrorMessage/Error**

diagram	<p>The diagram illustrates the structure of the <code>Error</code> element. It starts with an <code>Error</code> message (multiplicity 1..∞) which triggers a sequence of events leading to a boundary object. This boundary object contains four pieces of information: <code>TagReference</code>, <code>TypeOfError</code>, <code>Severity</code>, and <code>ErrorCode</code>. <code>TagReference</code> is described as a placeholder for an XPath expression indicating the original message's element. <code>TypeOfError</code> is an enumerated type for error types (FUNCTIONAL, TECHNICAL, BOTH). <code>Severity</code> defines two levels: WARNING (partial processing possible) and ERROR (message cannot be processed). <code>ErrorCode</code> is a code list from 1 to 9999, with standard values between 5000 and 6000.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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"> <xs:annotation> </pre>						

	<pre> <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/3.5
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/3.5
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/3.5									
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. 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></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/3.5									
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	 EstimatedEndDateTime
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
source	<xs:element name="EstimatedEndDateTime" type="xs:dateTime"/>

element **EventType**

diagram	 EventType <small>Type of event</small>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
type	restriction of xs:token																					
properties	content simple																					
used by	element WagonStatusMessages/WagonStatusMessage/Event																					
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <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> </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	<p>ExceptionalGaugingCode</p> <p>Acceptance agreement number, based on guidelines of IM_Partner</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	<p>ExceptionalGaugingIdent</p> <p>Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>IM_Partner Infrastructure Manager</p> <p>ExceptionalGaugingCode</p> <p>Acceptance agreement number, based on guidelines of IM_Partner</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
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/3.5
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>

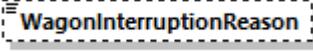
	<pre> <xs:element ref="ResponsibleRU"/> <xs:element ref="WagonLocationStatus"/> <xs:element ref="ScheduledTimeAtLocation"/> <xs:element ref="ExceptionTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

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/3.5
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:enumeration> </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/3.5												
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**

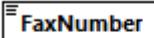
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	minOcc 0 maxOcc 1 content simple

facets	<table border="1"> <thead> <tr> <th>Kind</th><th>Value</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>length</td><td>1</td><td></td></tr> <tr> <td>enumeration</td><td>0</td><td>documentation Damage does not cause an interruption of transport run</td></tr> <tr> <td>enumeration</td><td>1</td><td>documentation Damage causes an interruption of transport run</td></tr> <tr> <td>enumeration</td><td>2</td><td>documentation other (no damage)</td></tr> </tbody> </table>	Kind	Value	Annotation	length	1		enumeration	0	documentation Damage does not cause an interruption of transport run	enumeration	1	documentation Damage causes an interruption of transport run	enumeration	2	documentation other (no damage)
Kind	Value	Annotation														
length	1															
enumeration	0	documentation Damage does not cause an interruption of transport run														
enumeration	1	documentation Damage causes an interruption of transport run														
enumeration	2	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	 <p>The Date and Time when something unexpected happens during the transportation related to a location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

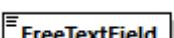
element **FaxNumber**

diagram	 FaxNumber Generic Fax number in Free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
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	FreightFlag Identifies that the Entity or Location is for Freight Activity
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	GeographicalCoordinates Longitude and latitude as defined in UIC Leafle 920-2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 and Longitude of location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Latitude Longitude Altitude SRID
used by	elements GNSS DynamicPosition LocationPrimaryInformation LocationSubsidiaryInformation
annotation	documentation Latitude and Longitude of location
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	<p>GeoLocalisation GNSS_DynamicPosition LocalisationPrecision</p> <p>Geolocation that may be between two identified locations.</p> <p>Precision of the position. Expressed in metres.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	GNSS DynamicPosition LocalisationPrecision
used by	element GeoLocalisationOnNetwork
annotation	<p>documentation</p> <p>Geolocation that may be between two identified locations.</p>
source	<pre><xs:element name="GeoLocalisation"> <xs:annotation> <xs:documentation>Geolocation that may be between two identified locations. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GNSS_DynamicPosition"/> <xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **GeoLocalisation/LocalisationPrecision**

diagram	<p>LocalisationPrecision</p> <p>Precision of the position. Expressed in metres.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	<p>minOcc 0</p> <p>maxOcc 1</p> <p>content simple</p>
annotation	<p>documentation</p> <p>Precision of the position. Expressed in metres.</p>
source	<pre><xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeoLocalisationOnNetwork**

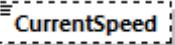
diagram	 <p>Geolocalisation information crossed with network data.</p>	GeoLocalisation  Geolocalisation that may be between two identified locations.	NetworkProjectedLocation  Projection of a geographical position on a network line.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
properties	content complex		
children	GeoLocalisation NetworkProjectedLocation		
used by	InterruptionPoint TrainLocationReport		
annotation	documentation Geolocalisation information crossed with network data.		
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**

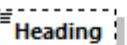
diagram		GeographicCoordinates  Latitude and Longitude of location	CurrentSpeed 
		Heading  Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)	AntennaDistanceFromFrontOfTrain  Distance of the defined coordinates from the front of the train, in meters.

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5									
type	Speed									
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>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									
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/3.5						
type	xs:integer						
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						
annotation	<p>documentation</p> <p>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</p>						
source	<code><xs:element name="Heading" type="xs:integer" minOccurs="0"></code> <code> <xs:annotation></code> <code> <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></code> <code> </xs:annotation></code> <code></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/3.5				
type	xs:float				
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table>	minOcc	0	maxOcc	1
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 structure of the GNSS_DynamicPosition/SignalQuality element. It shows a central rectangular node labeled SignalQuality with a dashed border. Two lines connect it to two other nodes: SatelliteHDOP (top) and NumberOfVisibleSatellites (bottom). A callout box for SatelliteHDOP provides its definition: "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." A callout box for NumberOfVisibleSatellites provides its definition: "Indicates the number of satellites being used in the position solution. Greater value indicates better quality."</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table border="1"> <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	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 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</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 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 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/3.5
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 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 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 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 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/3.5
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	<p>Describes the goods inside the means of transport</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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"> <xs:annotation> <xs:documentation>Describes the goods inside the means of transport</xs:documentation> </xs:annotation> <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:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="RID" minOccurs="0"/> <xs:sequence minOccurs="0"> <xs:element ref="RID_Checking"> <xs:annotation> <xs: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").</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <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:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs: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" minOccurs="0"/>
<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/3.5									
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></td> </tr> </tbody> </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	<p>The diagram illustrates the Goods/Packing element. It consists of a central rounded rectangle labeled "Packing" with a small icon. Three dashed lines extend from it to three separate rounded rectangles: "NatureOfPacking", "NumberOfPackages", and "PackageIdentification". Each associated element has its documentation text below it.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackageIdentification
annotation	<p>documentation</p> <p>Packing information</p>
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>

```

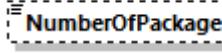
<xs:annotation>
  <xs:documentation>Particular marks and numbers to identify less
than wagon load assignments.</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="35"/>
    <xs:minLength value="1"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>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

```

element **Goods/Packing/NatureOfPacking**

diagram	 <p>Nature of packing according to the UN/ECE Recommendation No 21</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 Recommendation No 21 documentation CODE: UN/ECE-Recommendation No. 21
source	<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>

element **Goods/Packing/NumberOfPackages**

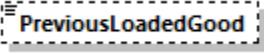
diagram	 <p>Number of packages.</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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>

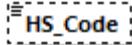
element **Goods/PreviousLoadedGood**

diagram	 PreviousLoadedGood									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	NHMCodeType									
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>6</td> <td></td> </tr> <tr> <td>pattern</td> <td>\d*[1-9]\d*</td> <td></td> </tr> </table>	Kind	Value	Annotation	length	6		pattern	\d*[1-9]\d*	
Kind	Value	Annotation								
length	6									
pattern	\d*[1-9]\d*									
source	<code><xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/></code>									

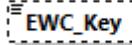
element **Goods/AdditionalGoodInformation**

diagram	 AdditionalGoodInformation Additional information regarding the loaded good, given by the customer.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	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													
	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.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <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> </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										
	Numeric key according to the European Waste Catalogue									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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> <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>6</td><td></td></tr> </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/3.5									
type	FreeText									
properties	content simple									
used by	elements Goods Wagons/GoodsInWagon									
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 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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	<p>The diagram shows a UML class named "GoodsInContainer". It has two attributes: "NHM_Code" and "GrossWeight". The multiplicity for "GoodsInContainer" is "0..99".</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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**

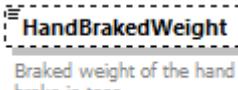
diagram	<p>The diagram shows a UML class named "GrossWeight". It has a detailed description: "Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing".</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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												

	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 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" -- "0..1" HandBrakedWeight HandBrake "1" -- "0..1" ParkingBrakeForce </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ns1: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/3.5									
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>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </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>									

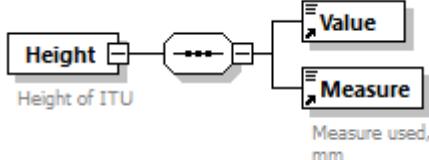
element **HandlingInstruction**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	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/3.5
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**

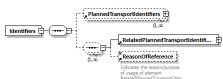
diagram	 Height of ITU
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Value Measure
used by	element Dimensions complexType DimensionValue
annotation	documentation Height of ITU
source	<pre><xs:element name="Height"> <xs:annotation> <xs:documentation>Height of 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/3.5		
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	
	 <p>Identifiers</p> <p>list of codes element</p> <p>1000 = Service path offer's code or part of it.</p> <p>PathIdentifierMessage</p> <ul style="list-style-type: none"> • A reference message to one or more than one • Differentiation code (all with different identifiers) if the path is not unique • In case of several paths, the route identifier is used • PathIdentifierMessage is used to identify the demand • RTTID = others • 1001 = Service path is demand • Additional information • If the path is part of the route, the route identifier is used • If it is possible to use a previous service, RTTID • 1002 = Full replacement of transport offer's code • Additional information • The next path is used to replace the current path and replace its state • RTTID = others • The code is used to mark the arrival of the path to PathIdentifierMessage's destination. It is used to mark previous path not offered and replaced by another path, with priority RTTID • 1003 = Partial replacement of transport offer's code • Additional information • The current path is used to replace the oldest one among the paths • The code is used to mark the arrival of the path to PathIdentifierMessage's destination. It is used to mark previous path not offered and replaced by another path, with priority RTTID • 1004 = Change of path • Additional information • The current path is used to replace the oldest one among the paths • The code is used to mark the arrival of the path to PathIdentifierMessage's destination. It is used to mark previous path not offered and replaced by another path, with priority RTTID • 1005 = Reference to main transport offer's code • Additional information • The code is used to mark the arrival of the path to PathIdentifierMessage's destination. It is used to mark the main path even though it is not the oldest one among the paths • 1006 = Reference to another transport offer's code • Additional information • The code is used to mark the arrival of the path to PathIdentifierMessage's destination. It is used to mark the main path even though it is not the oldest one among the paths • 1007 = Reference to another transport offer's code • Additional information • The code is used to mark the arrival of the path to PathIdentifierMessage's destination. It is used to mark the main path even though it is not the oldest one among the paths • 1008 = All other RTTID's • 1009 = Reference to a path before insertion by using insertRTTID • Additional information • The code is used to mark the arrival of the path before insertion by using insertRTTID • 1010 = PathID • 1011 = Reference to an object that has moved with the path. It is used to mark the new path addressed in move • Additional information • The code is used to mark the arrival of the path after moving and the linked with an existing transport offer's code • 1012 = New Path due to transport offer's change • Additional information • The code is used to mark the arrival of the path after the change of the different offers • 1013 = Reference to a code • Code is used only in identification of the transport offer's demand, RTTID = PathID • 1014 = Reference to another transport offer's code • Additional information • It is used to mark the arrival of the path after the creation of the service path, new path • 1015 = Reference to the specific validity period of the path • 1016 = New Route • 1017 = Reference to previous Route • 1018 = New Route • 1019 = Updated Route • Additional information • Reference to the Route is created • 1020 = Reference to another transport offer's code • Additional information • Code is used only one • 1021 = A code for an associated entity/offer • Additional information • It is used to mark the arrival of the path from a related route • Additional information • It is used to mark the arrival of the path with references to the path of a related route • 1022 = Reference to a new valid transport offer • Additional information • This code is used to mark the arrival of the path if the path is not unique • PathIdentifierMessage should • RTTID = PathIdentifier • 1023 = Reference to an associated train • Additional information • The code is used only in identification of the serial former train passenger market like ICE • 1024 = Reference to a code in case of technical reasons, there is no change of train, RTTID = PathID • Additional information • This code is used to mark the arrival of the path if the path is not unique • 1025 = PathID from a transport contract
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers ns1: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>ILU</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/3.5
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>

```
<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>
```

element **ILU_Details**

diagram	<p>ILU_Details</p> <p>Details for ILU on wagon</p> <ul style="list-style-type: none"> - ILU_Type 00=unknown, 01=Container, 02=swap bodies, 03=semitrailers, 04=trucks - LoadUnitNumber ILU number - LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded - ILU_TypeDetail - Dimensions + Dimensions of the ILU. - TareWeight Tare weight [kg] of ILU. - SwapBodyCodification Codification used for swap bodies according to UIC/UIRR regulations - Forwarding Final destination of the ILU. - Ship + Additional information for transports, which shall be handed over to a ship - TurnInNumber Reference number used for empty containers in depots of shipping company. - AdditionalInformationILU Additional information - DeliveryReference - OriginCountry Code of origin country of the ILU. - DepartureCountry Code of departure country of the ILU. - UltimateDestinationCountry - Seals + Describes the seals used for the consignment - ReferenceNumbers + This element contains references according to NC15 or EMCS law. This element MUST NOT be empty!
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	ILU Type LoadUnitNumber LoadingStatus ns1: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: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>
```

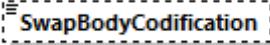
element **ILU_Details/LoadUnitNumber**

diagram	 LoadUnitNumber ILU number
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 Tare weight [kg] of ILU.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

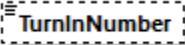
diagram	 SwapBodyCodification Codification used for swap bodies according to UIC/UIRR regulations
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string

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>

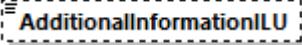
element ILU_Details/Forwarding

diagram	 Final destination of the ILU.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 TurnInNumber Reference number used for empty containers in depots of shipping company.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

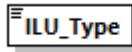
diagram	 AdditionalInformationILU Additional information
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information
source	<pre><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>

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

element **ILU_Details/DepartureCountry**

diagram	 <p>Code of departure country of the ILU.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	CountryIdentISO									
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>2</td><td></td></tr> <tr> <td>maxLength</td><td>2</td><td></td></tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	2	
Kind	Value	Annotation								
minLength	2									
maxLength	2									
annotation	<p>documentation Code of departure country of the ILU. documentation CODE: ISO-3166-2</p>									
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	 <p>Type of ILU. Further information is given for each enumeration element.</p>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	ns1:TypeOfLoadUnitType																		
properties	content simple																		
used by	element ILU_Details																		
facets	<table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <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> </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																		

	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	 Infrastructure Manager												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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	 The RU impacted by a restriction												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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>												

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

element **IntermediateDestination**

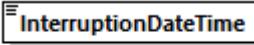
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element NextIntermediateDestination
annotation	documentation A location on the route of 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**

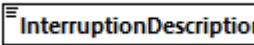
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements DelayCauseTime InterruptionPoint/Interruption InterruptionInformation ReceiptConfirmationMessage TrainJourneyModificationMessage									
facets	<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	
	Date and Time when the Train was interrupted
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
	The free text description of an interruption
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements ChangeofTrackMessage ExceptionReason InterruptionPoint/Interruption Information
facets	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/3.5
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	<pre> classDiagram class InterruptionPoint { <<describes the interruption points with location and the reason for the interruption>> } class Location { <<Identifies a Location using a LocationIdent>> } class DetailedDescriptionOfLocation class Interruption class BookedLocationDateTime class ReferencedLocationDateTime class InterruptionDuration class Remarks class GeoLocalisationOnNetwork InterruptionPoint < -- Location InterruptionPoint --> DetailedDescriptionOfLocation InterruptionPoint --> Interruption InterruptionPoint --> BookedLocationDateTime InterruptionPoint --> ReferencedLocationDateTime InterruptionPoint --> InterruptionDuration InterruptionPoint --> Remarks InterruptionPoint --> GeoLocalisationOnNetwork </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location DetailedDescriptionOfLocation Interruption BookedLocationDateTime ReferencedLocationDateTime InterruptionDuration Remarks GeoLocalisationOnNetwork
used by	element TrainRunningInterruptionMessage
annotation	documentation describes the interruption points with location and the reason for the interruption
source	<pre> <xsd:element name="InterruptionPoint"> <xsd:annotation> <xsd:documentation>describes the interruption points with location and the reason for the interruption</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="Location"/> <xsd:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/> <xsd:element name="Interruption"> <xsd:complexType> <xsd:sequence> <xsd:element ref="InterruptionReason" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>

```

        <xs:element ref="InterruptionDateTime"/>
        <xs:element ref="InterruptionDescription" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:sequence>
                <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/>
            </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:element ref="GeoLocalisationOnNetwork" minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<code><xss:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/></code>

element InterruptionPoint/Interruption

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier
source	<pre> <xss:element name="Interruption"> <xss:complexType> <xss:sequence> <xss:element ref="InterruptionReason" minOccurs="0"/> <xss:element ref="InterruptionDateTime"/> <xss:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xss:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xss:sequence> </xss:complexType> </xss:element> </pre>

element **InterruptionPoint/InterruptionDuration**

diagram	<pre> sequenceDiagram participant ID1 as InterruptionDuration participant ID2 as EarliestEndDateTime participant ID3 as LatestEndDateTime ID1->>ID2: ID1->>ID3: </pre> <p>To specify the probable duration of the interruption</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EarliestEndDateTime LatestEndDateTime
annotation	<p>documentation</p> <p>To specify the probable duration of the interruption</p>
source	<pre> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specifiy 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	<pre> classDiagram participant ID1 as EarliestEndDateTime </pre> <p>Forecasted earliest time for end of interruption</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation</p> <p>Forecasted earliest time for end of interruption</p>

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	 <p>Forecasted latest time for end of interruption</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 <p>This element identifies the reason for an interruption of the train running</p>																																										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																										
type	ns1:DelayCode																																										
properties	content simple																																										
used by	elements ChangeofTrackMessage InterruptionPoint/Interruption InterruptionInformation																																										
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Formation of trains if managed by infrastructure manager</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Timetable compilation</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Mistakes in operational procedures</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation</td> </tr> <tr> <td></td> <td></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>documentation</td> </tr> <tr> <td></td> <td></td> <td>Staff</td> </tr> <tr> <td>enumeration</td> <td>19</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Other causes related to the operational planning and management</td> </tr> </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	enumeration	14		enumeration	18	documentation			Staff	enumeration	19	documentation			Other causes related to the operational planning and management
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

	<p>enumeration 82 Administrative formalities</p> <p>enumeration 83 documentation</p> <p>enumeration 83 Outside influence</p> <p>enumeration 84 documentation</p> <p>enumeration 84 Effects of weather and natural causes</p> <p>enumeration 89 documentation</p> <p>enumeration 89 Delay caused by external reasons on the next network</p> <p>enumeration 90 documentation</p> <p>enumeration 90 Other external causes</p> <p>enumeration 91 documentation</p> <p>enumeration 91 Dangerous incidents, accidents and hazards</p> <p>enumeration 92 documentation</p> <p>enumeration 92 Track occupation caused by the lateness of the same train</p> <p>enumeration 93 documentation</p> <p>enumeration 93 Track occupation caused by the lateness of another train</p> <p>enumeration 94 documentation</p> <p>enumeration 94 Turn round</p> <p>enumeration 95 documentation</p> <p>enumeration 95 Connection</p> <p>enumeration 95 documentation</p> <p>Further investigation needed</p>
annotation	<p>documentation</p> <p>This element identifies the reason for an interruption of the train running</p>
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	ITU Details Goods SummaryOfGoodsWithSameRID
annotation	<p>documentation</p> <p>Describes the type and content of an IntermodalTransportUnit</p>
source	<pre><xs:element name="ITU"> <xs:annotation></pre>

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

element **ITU_Details**

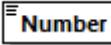
diagram	<pre> graph TD ITU_Details[ITU_Details] --- Number[Number] ITU_Details --- LoadingStatus[LoadingStatus] ITU_Details --- ITU_TypeDetail[ITU_TypeDetail] ITU_Details --- SwapBodyCodification[SwapBodyCodification] ITU_Details --- Forwarding[Forwarding] ITU_Details --- Ship[Ship] ITU_Details --- TurnInNumber[TurnInNumber] ITU_Details --- DeliveryReference[DeliveryReference] ITU_Details --- OriginCountry[OriginCountry] ITU_Details --- DepartureCountry[DepartureCountry] ITU_Details --- UltimateDestinationCountry[UltimateDestinationCountry] ITU_Details --- Seals[Seals] ITU_Details --- ReferenceNumbers[ReferenceNumbers] </pre> <p>The diagram illustrates the structure of the ITU_Details element. It starts with a main container ITU_Details, which contains several sub-elements: Number, LoadingStatus, ITU_TypeDetail, SwapBodyCodification, Forwarding, Ship, TurnInNumber, DeliveryReference, OriginCountry, DepartureCountry, UltimateDestinationCountry, Seals, and ReferenceNumbers. The ITU_TypeDetail element is expanded to show its components: Prefix and Checkdigit. The Dimensions and TareWeight elements are shown with plus signs, indicating they can be expanded. A note below the ITU_Details container states: "Details for ITU on wagon".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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>

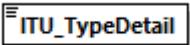
```
<xs:minLength value="1"/>
<xsmaxLength value="5"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Checkdigit" minOccurs="0">
<xs:annotation>
<xs:documentation>Check digit</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:totalDigits value="1"/>
</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	 Number ITU number									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	 ITU_TypeDetail						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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

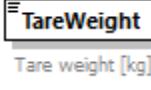
diagram	 Prefix									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <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 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/3.5						
type	restriction of xs:int						
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>1</td> <td></td> </tr> </table>	Kind	Value	Annotation	totalDigits	1	
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/3.5									
type	WeightValueKilo									
properties	content simple									
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> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999	
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	<div style="border: 1px dashed black; padding: 2px; display: inline-block;"> SwapBodyCodification </div> <p>Codification used for swap bodies according to UIC/UIRR regulations</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<div style="border: 1px dashed black; padding: 2px; display: inline-block;"> Forwarding </div> <p>Final destination of the UTI.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<div style="border: 1px dashed black; padding: 2px; display: inline-block;">TurnInNumber</div> <p>Reference number used for empty containers in depots of shipping company.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<div style="border: 1px dashed black; padding: 2px; display: inline-block;">DepartureCountry</div> <p>Code of departure country of the UTI.</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
properties	content complex
children	JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection
used by	element TrainCompositionJourneySection
annotation	<p>documentation</p> <p>Defines the data provided by the IM for a journey section</p>
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>

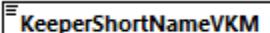
element **JourneySectionDestination**

diagram	<pre> classDiagram class JourneySectionDestination { <<Destination of the section on which train composition is unchanged>> } class LocationIdent { <<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 : <<extension base="LocationIdent">> LocationIdent --> CountryCodeISO LocationIdent --> LocationPrimaryCode LocationIdent --> PrimaryLocationName LocationIdent --> LocationSubsidiaryIdentification LocationIdent --> BookedLocationDateTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

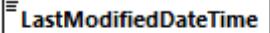
element **JourneySectionOrigin**

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/3.5
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	 KeeperShortNameVKM Free text, short name/vehicle keeper marking of the wagon keeper
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

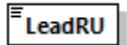
element **LastModifiedDateTime**

diagram	 LastModifiedDateTime Date and Time of last update or modification of data
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

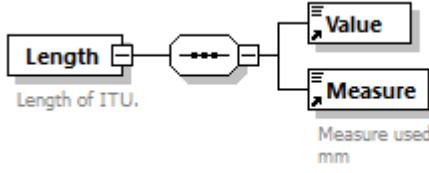
element **Latitude**

diagram	 Latitude Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5												
type	CompanyCode												
properties	content simple												
used by	elements 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 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 of ITU.</p> <p>Value Measure</p> <p>Measure used, either ft or mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
	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/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	elements RollingStockDataset/DesignDataSet WagonTechData
facets	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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:decimal
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation totalDigits 5 fractionDigits 1
annotation	documentation 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>
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element LoadingCapacity

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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

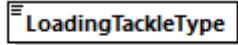
diagram	 <p>Loading status of the equipment. 0=Empty, 1=Loaded</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	content simple									
used by	elements ILU Details ITU Details RollingRoadUnit/RollingRoadUnitDetails Wagons/WagonDetails 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> sequenceDiagram participant LT as LoadingTackles participant LTT as LoadingTackleType participant Q as Quantity participant TWLT as TotalWeightLoadingTackles participant TD as TypeDescription LT->>LTT: LT->>Q: LT->>TWLT: LT->>TD: </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xss:element name="LoadingTackles"> <xss:annotation> <xss:documentation>Describes the loading tackles used inside the wagon</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="LoadingTackleType"> <xss:annotation> <xss:documentation>Loading tackle according to UN/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.</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:string"/> </xss:simpleType> </xss:element> <xss:element ref="Quantity"/> <xss:element name="TotalWeightLoadingTackles" type="WeightValueKilo"> <xss:annotation> <xss:documentation>Total weight of the loading tackles (kg) of the specified type</xss:documentation> </xss:annotation> </xss:element> <xss:element name="TypeDescription" minOccurs="0"> <xss:annotation> </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>
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element **LoadingTackles/LoadingTackleType**

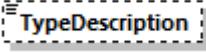
diagram	 <p>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
annotation	<p>documentation</p> <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>
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/3.5
type	WeightValueKilo
properties	content simple

facets	Kind minInclusive maxInclusive whiteSpace	Value 0 999999 collapse	Annotation
annotation	documentation Total weight of the loading tackles (kg) of the specified type		
source	<pre><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></pre>		

element LoadingTackles/TypeDescription

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<pre><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></pre>

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/3.5
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/3.5
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/3.5
type	<code>xs:dateTime</code>
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 { <<Used for all messages>> } class MessageStatus { <<Assigned by the Sender
1=creation, 2=modification,
3=deletion>> } class CountryCodeISO { <<Identifies a County or State
by code (ISO 3166-1)>> } class LocationPrimaryCode { <<Required for Primary Location Add,
Update, of a Location Primary Code>> } 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 --> LocationSubsidiaryInformation </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1:MessageStatus CountryCodeISO LocationPrimaryCode LocationPrimaryInformation LocationSubsidiaryInformation
annotation	<p>documentation</p> <p>Used to Create, Modify or Update the LocationIdent Reference File</p>
source	<pre> <xss:element name="LocationFileDatasetMessage"> <xss:annotation> <xss:documentation> Used to Create, Modify or Update the LocationIdent Reference File</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="MessageHeader"/> <xss:element ref="MessageStatus"/> <xss:element ref="CountryCodeISO"/> <xss:element ref="LocationPrimaryCode"/> <xss:choice> <xss:element ref="LocationPrimaryInformation"/> <xss:element ref="LocationSubsidiaryInformation"/> </xss:choice> </xss:sequence> </xss:complexType> </xss:element> </pre>

element **LocationModified**

diagram	<pre> classDiagram class Location class ModificationStatusIndicator class LocationModified class TrainLocationStatus class BookedLocationDateTime LocationModified --> Location LocationModified --> ModificationStatusIndicator TrainLocationStatus < -- BookedLocationDateTime </pre> <p>This element shows the Location that has been changed for the train run</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xsd:element name="LocationModified"> <xsd:annotation> <xsd:documentation>This element shows the Location that has been changed for the train run </xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="Location"/> <xsd:element ref="ModificationStatusIndicator"/> <xsd:element ref="TrainLocationStatus" minOccurs="0"/> <xsd:element ref="BookedLocationDateTime" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd: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/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xsd:element name="LocationPlannedTrack" type="LocationIdent"/></code>

element **LocationPrimaryCode**

diagram	<pre> classDiagram class LocationPrimaryCode class LocationIdent LocationPrimaryCode --> LocationIdent </pre>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	content simple									
used by	element LocationFileDatasetMessage complexType LocationIdent									
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><xsd:element name="LocationPrimaryCode" type="Numeric1-5"/></code>									

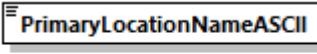
element **LocationPrimaryInformation**

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>> } </pre> <p>The diagram shows the LocationPrimaryInformation element as a central node with various attributes connected to it. The attributes are:</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 <p>LocationPrimaryInformation is annotated with: Required for Primary Location Add, Update, of a Location Primary Code</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

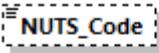
properties	content complex
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag PassengerFlag GeographicCoordinates NUTS_Code Comments
used by	element LocationFileDatasetMessage
annotation	documentation Required for Primary 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>Nomclature for Territoritorial 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/3.5									
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/3.5									
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>									

	<p><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></p> <pre></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/3.5
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an officiation language of the Country using the ISO Unicode alphabet
source	<pre><xs:element name="LocationPrimaryName"> <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 LocationSubsidiaryCode

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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> <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>LocationSubsidiaryTypeCode</td> <td>derived by: <code>xs:token</code></td> <td>required</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	LocationSubsidiaryTypeCode	derived by: <code>xs:token</code>	required			
Name	Type	Use	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

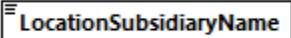
diagram	<pre> classDiagram class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } class LocationSubsidiaryCode { <<this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in 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 "3" -- "1" LocationSubsidiaryCode LocationSubsidiaryIdentification "3" -- "1" AllocationCompany LocationSubsidiaryIdentification "3" -- "1" LocationSubsidiaryName </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>
--	---

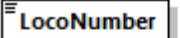
element **LocationSubsidiaryInformation**

diagram	<pre> classDiagram class LocationSubsidiaryInformation { <<Required for Add, Update of a Location Subsidiary Code (modified to global element)>> } class LocationSubsidiaryCode class LocationSubsidiaryName class AllocationCompany class ValidityPeriod class Comments class GeographicCoordinates LocationSubsidiaryInformation "2" -- "1" LocationSubsidiaryCode : LocationSubsidiaryInformation "2" -- "1" LocationSubsidiaryName : LocationSubsidiaryInformation "2" -- "1" AllocationCompany : LocationSubsidiaryInformation "2" -- "1" ValidityPeriod : LocationSubsidiaryInformation "2" -- "1" Comments : LocationSubsidiaryInformation "2" -- "1" GeographicCoordinates : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
type	restriction of xs:string
properties	content simple
used by	element TrainCompositionJourneySection/LocIdent
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	<pre> classDiagram 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 TypeCode1 { <<Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756>> } class TypeCode2 { <<Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756>> } class CountryCode { <<Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756>> } class SeriesNumber { <<4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode>> } class SerialNumber { <<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.>> } class ControlDigit { <<1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning>> } LocoTypeNumber "1" -- "2" TypeCode1 LocoTypeNumber "1" -- "2" TypeCode2 LocoTypeNumber "1" -- "2" CountryCode LocoTypeNumber "1" -- "2" SeriesNumber LocoTypeNumber "1" -- "3" SerialNumber LocoTypeNumber "1" -- "3" ControlDigit </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit
used by	elements TrainCompositionJourneySection/Locodent TractionDetails
annotation	documentation Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive
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 identify the exact individual locomotive</xs:documentation> </xs:annotation> </pre>

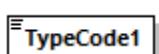
```
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="TypeCode1">
      <xs:annotation>
        <xs:documentation>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction 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>
    <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>
    <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>
    <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:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

```

        <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>

```

element **LocoTypeNumber/TypeCode1**

diagram							
	<p>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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						

	maxLength 1 whiteSpace replace pattern [9]
annotation	documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756
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>

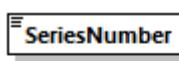
element **LocoTypeNumber/TypeCode2**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
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	documentation Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756															
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**

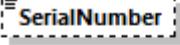
diagram	 <p>Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:string															
properties	content simple															
facets	<table> <thead> <tr> <th>Kind</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/3.5															
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/3.5															
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/3.5															
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/3.5

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**

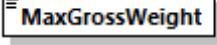
diagram	MaxAxeWeight Indicates the maximum design axle weight (to).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
properties	content simple									
used by	elements RollingStockDataset/DesignDataSet PlannedTrainTechnicalData TrainRunningTechData									
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**

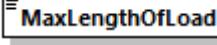
diagram	MaxDesignSpeed Maximum approved speed of the wagon (km/h)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer

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/3.5
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

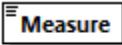
diagram	 <p>Measured in mm</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	 Maximum Temperature in °Celsius									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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/3.5
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>

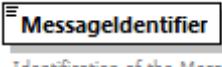
element **MessageDateTimeCreated**

diagram	 MessageDateTimeCreated Date and time when the message was created by the legacy system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<p>Used for all messages</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageReference MessageRoutingID SenderReference Sender 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 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/3.5									
type	FreeText									
properties	content simple									
used by	element MessageReference									
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 Identification of the Message									
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	<p>This element identifies the message</p> <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 4506 TrainForecastedDelayCauseMessage 4510 RunningStatusReportMessage -- sector message end -- 5001 AlertMessage 5006 WagonETI_ETA_Message -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end -- 5020 WagonStatusMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage 6008 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 -- 6500 UpdateLinkMessage 6501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage -- Reserved: (IM-RU for SFERA) SF00 to SF99 for SFERA messages (see IRS0940) -- Reserved end -- MessageTypeVersion Version of the Message Type MessageIdentifier Identification of the Message MessageDateTime Generated by the common Interface </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> MessageDateTime </div> <p>Generated by the common Interface</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> MessageRoutingID </div> <p>Additional information used to route the message to the correct receiving application (if needed)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	Numeric2-2									
properties	content simple									
used by	element MessageHeader									
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </table>	Kind	Value	Annotation	minInclusive	01		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	01									
maxInclusive	99									
annotation	<p>documentation</p> <p>Additional information used to route the message to the correct receiving application (if needed)</p>									
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**

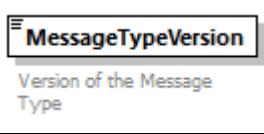
diagram	<p>MessageType</p> <p>To indicate the message type transmitted or referred to. The following list was agreed with the sector:</p> <ul style="list-style-type: none"> 1000 ConsignmentOrderMessage 2001 PathCancelledMessage 2002 PathConfirmedMessage 2003 PathDetailsMessage 2004 PathDetailsRefusedMessage 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 4506 TrainForecastedDelayCauseMessage 4510 RunningStatusReportMessage — sector message end — 5001 AlertMessage 5006 WagonETI_ETA_Message — sector message (Wagon interchange) — 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage — sector message end — 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: (IM-RU for SFERA) — 5F00 to 5F99 for SFERA messages (see IRS90940) — Reserved end —
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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 4506 TrainForecastedDelayCauseMessage 4510 RunningStatusReportMessage -- sector message end --</p> <p>5001 AlertMessage 5006 WagonETI_ETA_Message</p> <p>-- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end --</p> <p>5020 WagonStatusMessage</p> <p>6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage 6005 ILUDataQueryMessage 6006 ILUDataMessage</p> <p>--sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end---</p>									

	<pre> 6004 RollingStockDatasetQueryMessage -- Sector Messages TCR begin -- 6500 TCRMmessage 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>
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: 1000 ConsignmentOrderMessage 2001 PathCanceledMessage 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 4506 TrainForecastedDelayCauseMessage 4510 RunningStatusReportMessage -- sector message end -- 5001 AlertMessage 5006 WagonETI_ETA_Message </pre>

	<pre>-- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end -- 5020 WagonStatusMessage 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage 6005 ILUDataQueryMessage 6006 ILUDataMessage --sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end--- 6004 RollingStockDatasetQueryMessage -- Sector Messages TCR begin -- 6500 TCRMMessage 6501 TCRRResponseMessage 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 - </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 **MessageTypeVersion**

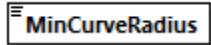
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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	 <p>Minimum percentage of braking claimed by IM for safety reasons.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **MinCurveRadius**

diagram	 MinCurveRadius Measured in Metres
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Measured in Metres
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	 MinTemp Minimum temperature in ° Celsius
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple
used by	element RollingStockDataset/DesignDataSet/TemperatureRange
facets	Kind Value Annotation minInclusive -99 maxInclusive 0
annotation	documentation Minimum temperature in ° Celsius
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>

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

element **MinVerticalRadiusYardHump**

diagram	 <p>Minimum allowed vertical radius over yard humps. Measured in meters.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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/3.5															
type	ns1:DelayCode															
properties	content simple															
used by	element TrainJourneyModificationMessage															
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	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	 This element shows if the location has been added or deleted in the modified train journey
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	element LocationModified
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
annotation	documentation This element 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 element shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation></pre>

	<pre><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	 <p>Generic Name in Free Text</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	elements AdministrativeContactInformation Customer Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter									
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 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	<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>ProportionOfDistanceBetweenLoc... 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/3.5
properties	content complex

children	NextLocation ProportionOfDistanceBetweenLocations DistancePrecision
used by	element GeoLocalisationOnNetwork
annotation	documentation Projection of a geographical position on a network line.
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>

element NetworkProjectedLocation/NextLocation

diagram	<pre> classDiagram class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } class NextLocation NextLocation --> LocationIdent </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5									
type	Percentage									
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>100</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	100	
Kind	Value	Annotation								
minInclusive	0									
maxInclusive	100									
annotation	<p>documentation</p> <p>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.</p>									
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>									

	<p><xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.</p> <p></xs:documentation></p> <p></xs:annotation></p> <p></xs:element></p>
--	--

element **NetworkProjectedLocation/DistancePrecision**

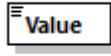
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position along the track. Expressed in metres.
source	<pre><xs:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position along the track. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkSpecificParameter**

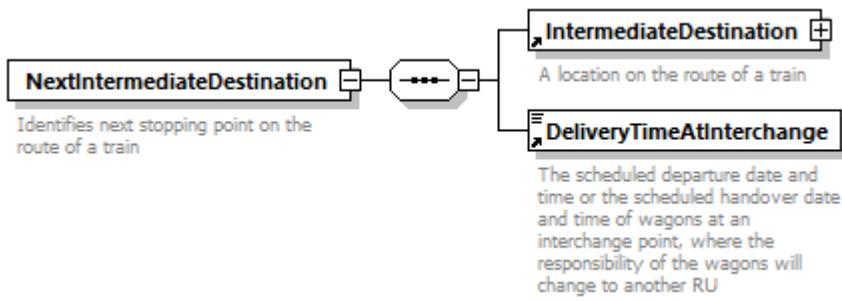
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Name Value
used by	elements AffectedSection PathDetailsMessage PathRequestMessage PlannedJourneyLocation
annotation	documentation The usage of this element must be specified in national rules and has to 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> <xs:complexType> <xs:sequence> <xs:element ref="Name"/> <xs:element name="Value" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element></pre>

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

element **NetworkSpecificParameter/Value**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	elements Height Length Width
facets	Kind Value Annotation minLength 1 maxLength 255
source	<code><xs:element name="Value" type="FreeText"/></code>

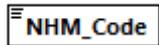
element **NextIntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<code><xs:element name="NextIntermediateDestination"></code> <code> <xs:annotation></code> <code> <xs:documentation>Identifies next stopping point on the route of a train</xs:documentation></code> <code> </xs:annotation></code> <code> <xs:complexType></code> <code> <xs:sequence></code> <code> <xs:element ref="IntermediateDestination"/></code> <code> <xs:element ref="DeliveryTimeAtInterchange"/></code> <code> </xs:sequence></code> <code> </xs:complexType></code> <code></xs:element></code>

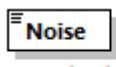
element **NextResponsibleRU**

diagram													
	The RU who is responsible for the train operation on the next journey section.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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 of the goods									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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/3.5
type	restriction of xs:integer
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Noise level at stand still in decibels
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/3.5
type	restriction of xs:integer
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Noise limit on reference track
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/3.5
properties	content complex
children	NoteLocationIdent Note
used by	element TrainRunningData
annotation	<p>documentation</p> <p>Remarks to be transmitted to IM</p>
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	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
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> </xs:annotation> </xs:element></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**

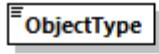
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <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	 The sum of number of wagons and number of traction units									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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></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>
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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/3.5																														
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)																													
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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>																														

```

<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>

```

element **Offset**

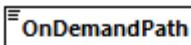
diagram	 Offset
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing

source	<code><xs:element name="Offset" type="xs:integer"/></code>
--------	--

element OffsetToReference

diagram	 <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/3.5
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	 <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/3.5
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	 OperationalTrainCouplingStrength <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/3.5									
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	 OperationalTrainNumber <p>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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>

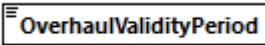
element [OperationalTrainNumberIdentifier](#)

diagram	<p>The diagram illustrates the structure of the OperationalTrainNumberIdentifier element. It is represented as a complex type with three associations:</p> <ul style="list-style-type: none"> An association to OperationalTrainNumber, which is identified by a solid line with open circles at both ends. An association to ScheduledTimeAtHandover, which is identified by a dashed line with open circles at both ends. An association to ScheduledDateTimeAtTransfer, which is also identified by a dashed line with open circles at both ends.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

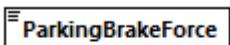
diagram	 OriginCountry Code of origin country of the UTI.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of CountryIdentISO
properties	content simple
used by	elements ILU Details ITU Details Wagons/WagonDetails
facets	Kind Value Annotation minLength 2 maxLength 2 pattern [A-Z][A-Z]
annotation	documentation Code of origin country of the UTI. documentation CODE: ISO-3166-2
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 Validity period of last overhaul in years as marked on the wagon
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation minInclusive 1 maxExclusive 20
annotation	documentation Validity period of last overhaul in years as marked on the wagon
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/3.5									
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/3.5
type	xs:boolean

properties	content simple
used by	element LocationPrimaryInformation
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<pre><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></pre>

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 = 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 { <<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"> Attributes: <ul style="list-style-type: none"> Path Canceled message according to Short Term Path Request specification (WG5) Associations: <ul style="list-style-type: none"> MessageHeader ReferenceTrainIDSubCalendar TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection (multiplicity 1..∞) FreeTextField (multiplicity 0..∞)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1: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 AdminContactInformation { <<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 = 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 { <<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 MessageHeader { } < -- PathConfirmedMessage class AdminContactInformation { } < -- PathConfirmedMessage class Identifiers { } < -- PathConfirmedMessage class ReferenceTrainIDSubCalendar { } < -- PathConfirmedMessage class MessageStatus { } < -- PathConfirmedMessage class TypeOfRequest { } < -- PathConfirmedMessage class ProcessType { } < -- PathConfirmedMessage class TypeOfInformation { } < -- PathConfirmedMessage class CoordinatingIM { } < -- PathConfirmedMessage class LeadRU { } < -- PathConfirmedMessage class AffectedSection { } < -- PathConfirmedMessage </pre> <p>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RU's Original Request.</p>
namespace	http://www.era.europa.eu/schemes/TAF-TSI/3.5

properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1:ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	documentation This message is used by the RU to confirm the proposed path of the 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 of the 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 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 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 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 PathInformation { 0..∞ } class NetworkSpecificParameter { 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>PathDetailsMessage</p> <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/3.5

properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ns1: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> graph LR PD[PathDetailsRefusedMessage] --- MH[MessageHeader] PD --- ACI[AdministrativeContactInformation] PD --- I[Identifiers] PD --- RTSC[ReferenceTrainIDSubCalendar] PD --- MS[MessageStatus] PD --- TR[TypeOfRequest] PD --- PT[ProcessType] PD --- TI[TypeOfInformation] PD --- CIM[CoordinatingIM] PD --- RU[LeadRU] PD --- RR[RevisedRequest] PD --- AS[AffectedSection] PD --- FT[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/3.5

properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1: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..∞" --> PlannedJourneyLocation PathInformation --> PlannedCalendar PlannedCalendar "0..1" --> RequestedCalendar </pre> <p>The diagram illustrates the relationship between the PathInformation, PlannedJourneyLocation, PlannedCalendar, and RequestedCalendar elements. PathInformation has a multiplicity of 2..infinity and is associated with PlannedJourneyLocation. PathInformation is also associated with PlannedCalendar. PlannedCalendar has a multiplicity of 0..1 and is associated with RequestedCalendar.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 { <<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 partners for 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 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 { <<Free Text>> } class PathNotAvailableMessage { <<Path Not Available message according to Short Term Path Request specification (WG5)>> } PathNotAvailableMessage < -- MessageHeader PathNotAvailableMessage < -- ReferenceTrainIDSubCalendar PathNotAvailableMessage < -- TypeOfInformation PathNotAvailableMessage < -- CoordinatingIM PathNotAvailableMessage < -- LeadRU PathNotAvailableMessage < -- AffectedSection PathNotAvailableMessage < -- InterruptionInformation PathNotAvailableMessage < -- FreeTextField </pre> <p>PathNotAvailableMessage</p> <p>Path Not Available message according to Short Term Path Request specification (WG5)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRequest ns1: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 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 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 { 0..∞ 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 } class FreeTextField { 0..∞ Free Text } 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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	<p>MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar ns1:MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ns1:ProcessType TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField</p>
annotation	<p>documentation</p> <p>This message serves to request a train path. The message is sent from the RU to each IM involved.</p>
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 </pre>

	<p>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</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	<p>The diagram shows a rectangular box labeled "PermittedTolerance". Below the box is a short description: "Permitted tolerance after date of overhaul (in months)".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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

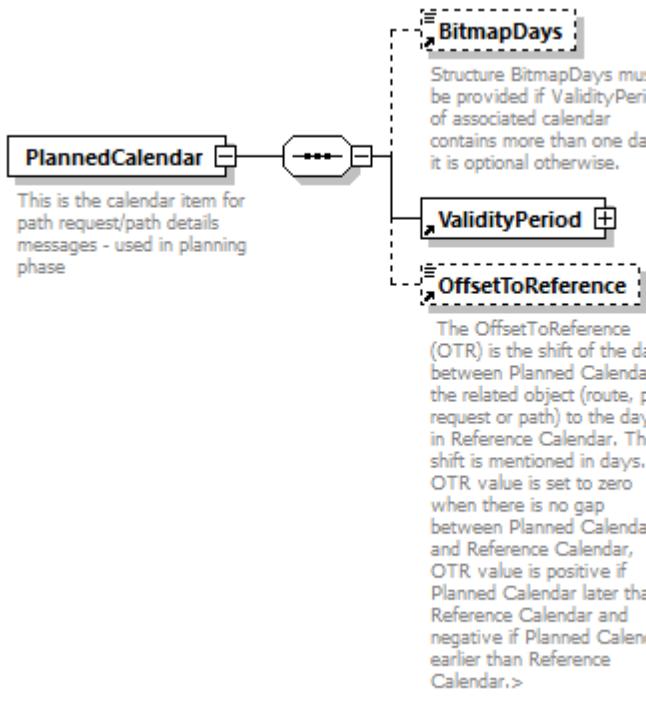
diagram	<p>The diagram shows a rectangular box labeled "PhoneNumber". Below the box is a short description: "Generic Phone number in Free text".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CommunicationRefID
properties	content simple
used by	element AdministrativeContactInformation

facets	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/3.5
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/3.5
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/schemas/TAFTSI/3.5
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 PlannedJourneyLocation { <<Any operation point along the train journey or path>> } class LocationIdent { <<extension>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-1)>> } class LocationPrimaryCode { <<PrimaryLocationName>> } 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 TimingAtLocation { <<Timing at an operation point. It consists of a TimerQualifierCode with the following values: PLA = Public Location Arrival ELA = Earliest Location Arrival ALA = Actual Location Arrival 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>> } class FreeTextField { <<Free Text>> 0..> } class ResponsibleApplicant { <<This element has to be used for the whole journey where the applicant has made the request>> } class ResponsibleI { <<RU Responsible for the physical operation of the train or wagon>> } class ResponsibleIM { <<IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location - in journey locations (could even be a network border without stopping of the train) in case where the IM on the train has changed from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.>> } class PlannedTrainData { <<Train relevant data for a planning period>> } class StatusOfHarmonization { <<Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.>> } class TrainActivity { <<0..>> <<Since the activities can be related to attaching / detaching of wagons and/or trains, the reference to other trains should be possible to be indicated.>> } class OnDemandPath { <<For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)>> } class PreArrangedPath { <<Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings services for freight transport services>> } class OperationalTrainNumber { <<Identifies the train for traffic management by the Dispatcher, GSMR service, etc.>> } class NetworkSpecificParameter { <<0..>> <<The usage of this element must be specified in national rules and has to be defined by each IM>> } class JourneyLocationTypeCode { <<1..>> } </pre>
namespace	http://www.era.europa.eu/schemes/TAF-TSI/3.5

type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter ns1: 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>
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element **PlannedJourneyLocation/StatusOfHarmonization**

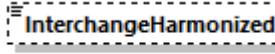
diagram	<p>The diagram shows a UML class named "StatusOfHarmonization". It has two outgoing associations. The first association leads to a class named "HandoverHarmonized" with a multiplicity of 0..1. The second association leads to a class named "InterchangeHarmonized" with a multiplicity of 0..1. Both associations are represented by lines connecting the classes.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table border="1"> <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	HandoverHarmonized InterchangeHarmonized						
annotation	<p>documentation</p> <p>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p>						
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>
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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/3.5
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/3.5
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>
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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/3.5									
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 { <<0..>> } class DangerousGoodsIndication { <<0..>> } class CombinedTrafficLoadProfile PlannedTrainData "2" -- "1" TrainType PlannedTrainData "2" -- "1" TrafficType PlannedTrainData "2" -- "1" PushPullTrain PlannedTrainData "2" -- "1" TypeofService PlannedTrainData "2" -- "1" CommercialTrafficType PlannedTrainData "2" -- "1" PlannedTrainTechnicalData PlannedTrainData "2" -- "1" ExceptionalGaugingIdent PlannedTrainData "2" -- "1" DangerousGoodsIndication PlannedTrainData "2" -- "1" CombinedTrafficLoadProfile </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	ns1:TrainType TrafficType PushPullTrain TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication ns1: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/3.5												
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
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		8 documentation 0 enumeration 54 documentation documentation Talgo documentation 9 documentation 0 enumeration 55 documentation OTU documentation Oresundstog documentation Oresundstog documentation 10 documentation 0 enumeration 56 documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8 documentation 0 enumeration 58 documentation TRN documentation Intercités documentation Intercités documentation 9 documentation 0 enumeration 59 documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0 enumeration 60 documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0
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	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

		documentation
		documentation
		International
		documentation
		9
		documentation
		0
enumeration	69	documentation
		documentation
		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

		TGV documentation TGV Atlantique documentation 8 documentation 0 enumeration 75 documentation TGV documentation TGV documentation TGV Nord documentation 8 documentation 0 enumeration 76 documentation TGV documentation TGV documentation TGV Lyria documentation 8 documentation 0 enumeration 77 documentation TGV documentation TGV documentation TGV Duplex documentation 8 documentation 0 enumeration 79 documentation TGV documentation TGV documentation TGV Est documentation 8 documentation 0 enumeration 80 documentation TGV documentation TGV documentation TGV Interconnexion documentation 8 documentation 0 enumeration 82 documentation documentation THALYS documentation Thalys
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		documentation
		8
		documentation
		0
	enumeration 83	documentation
		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

		Avant documentation Avant documentation 8 documentation 0 enumeration 91 documentation TER documentation TRAIN documentation Regional TER documentation 11 documentation 0 enumeration 92 documentation REG documentation NSB Regiotog documentation NSB Regiotog documentation 37 documentation 0 enumeration 93 documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA documentation 8 documentation 0 enumeration 94 documentation SC documentation SuperCity documentation Supercity documentation 9 documentation 0 enumeration 95 documentation CNL documentation City Night Line (D) documentation DB Nachtzug documentation 13 documentation 0 enumeration 96 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

		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

		documentation
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	enumeration 122	documentation
		IR
		documentation
		Interregional
		documentation
		Interregional
		documentation
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		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

		BUS documentation IC Bus documentation Bus documentation 32 documentation 0 enumeration 131 documentation BUS documentation IC Bus international documentation Bus documentation 32 documentation 0 enumeration 153 documentation documentation special train documentation Sonderzug documentation 9 documentation 0 enumeration 154 documentation documentation documentation InterCityRapid documentation 9 documentation 0 enumeration 155 documentation documentation documentation InterPic documentation 9 documentation 0 enumeration 157 documentation documentation documentation Fast train documentation 9 documentation 0 enumeration 158 documentation
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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

		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 enumeration 177 BNI documentation Bernina Panorama documentation Bernina Panorama documentation 11 documentation 0 enumeration 178 zb documentation zb Zentralbahn AG documentation Luzern-Interlaken Express (Panorama Train) documentation 10 documentation 0 enumeration 179 BXB documentation Bernina Express Bus documentation Bernina Express (Panorama Bus) documentation 32 documentation 0 enumeration 200 GGB documentation Gornergrat Bahn documentation Mountain train documentation 10 documentation 0 enumeration 202 ICE documentation ICE-Allemagne France documentation ICE Allemagne-France documentation 8 documentation 0 enumeration 203 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 RAILJET 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

		Railpromo Austria Express/Treski documentation Austria Express/Treski documentation 13 documentation 0 enumeration 216 documentation documentation PRECIOS MERCADO documentation Precios Mercado documentation 9 documentation 0 enumeration 219 documentation TGV documentation TGV documentation TGV documentation 8 documentation 0 enumeration 223 documentation FB documentation FB documentation FernBus documentation 32 documentation 0 enumeration 224 documentation ICB documentation Intercitybus documentation ÖBB-Intercitybus documentation 32 documentation 0 enumeration 225 documentation TLK documentation TLK train documentation Yours Rail Lines documentation 10 documentation 0 enumeration 226 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

		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 enumeration 247 CJX documentation CJX documentation CJX cityjet xpress documentation 10 documentation 0 enumeration 248 documentation Night train BC documentation Night train BC documentation 13 documentation 0 enumeration 249 documentation TGV documentation TGV INOUI documentation TGV INOUI documentation 8 documentation 0 enumeration 250 documentation TGV documentation TGV INOUI documentation TGV INOUI DUPLEX (double decker TGV) documentation 8 documentation 0 enumeration 251 documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation 10 documentation 0 enumeration 252 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

	BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0
source	<code><xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/></code>

element **PlannedTrainTechnicalData**

diagram	<pre> graph TD PTTD[PlannedTrainTechnicalData] --> TrainWeight[TrainWeight] PTTD --> TrainLength[TrainLength] PTTD --> TractionDetails[TractionDetails] PTTD --> MaxAdelWeight[MaxAdelWeight] PTTD --> RouteClass[RouteClass] PTTD --> BrakeType[BrakeType] PTTD --> EmergencyBrakeOverride[EmergencyBrakeOverride] PTTD --> BrakingRatio[BrakingRatio] PTTD --> MinBrakedWeightPercent[MinBrakedWeightPercent] PTTD --> BrakeWeight[BrakeWeight] PTTD --> TrainCnSystem[TrainCnSystem] PTTD --> TrainRadioSystem[TrainRadioSystem] PTTD --> TippingFunction[TippingFunction] PTTD --> OperationalTrainCouplingStrength[OperationalTrainCouplingStrength] PTTD --> BogieWagonsOnly[BogieWagonsOnly] </pre> <p>The diagram illustrates the structure of the PlannedTrainTechnicalData element. It is a complex type containing several sub-elements: TrainWeight, TrainLength, TractionDetails, MaxAdelWeight, RouteClass, BrakeType, EmergencyBrakeOverride, BrakingRatio, MinBrakedWeightPercent, BrakeWeight, TrainCnSystem, TrainRadioSystem, TippingFunction, OperationalTrainCouplingStrength, and BogieWagonsOnly. The PlannedTrainTechnicalData element also has a relationship to another element, indicated by a dashed line.</p>
namespace	http://www.era.europa.eu/schemes/TAF-TSI/3.5
properties	content complex

children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxeWeight ns1:RouteClass ns1:BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC_System ns1: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="MaxAxeWeight" 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:element ref="OperationalTrainCouplingStrength" minOccurs="0"/> <xs:element ref="BogieWagonsOnly" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **PlannedTransportIdentifiers**

diagram	<pre> classDiagram class PlannedTransportIdentifiers class ObjectType class Company class Core class Variant class TimetableYear class StartDate PlannedTransportIdentifiers < -- CompositIdentifierPlannedType CompositIdentifierPlannedType < -- ObjectType CompositIdentifierPlannedType < -- Company CompositIdentifierPlannedType < -- Core CompositIdentifierPlannedType < -- Variant CompositIdentifierPlannedType < -- TimetableYear CompositIdentifierPlannedType < -- StartDate </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage Identifiers
source	<pre> <xsl:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/> </pre>

element **PostalCode**

diagram	<pre> classDiagram class PostalCode </pre> <p>The postal code for the postal address</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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	 PreArrangedPath Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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></pre>

	<code></xs:element></code>
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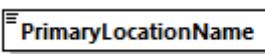
element PreviousConsignmentNumber

diagram	 PreviousConsignmentNumber This element shows the previous Reference number assigned to a consignment by a lead RU
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	ConsignmentIdent
properties	content complex
used by	element WIMO Dataset/ConsignmentLevelData
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>

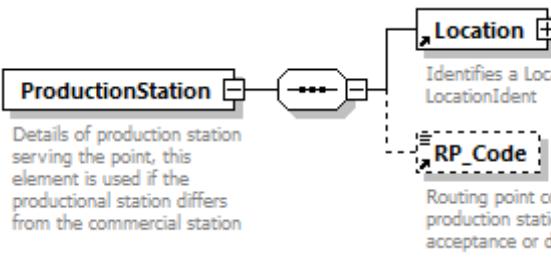
element PreviousResponsibleRU

diagram	 PreviousResponsibleRU This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	element WIMO Dataset/ConsignmentLevelData												
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	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/3.5
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**

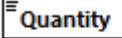
diagram	
	Details of production station serving the point, this element is used if the productional station differs from the commercial station
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	Location RP_Code
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint 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>

	<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/3.5
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/3.5
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>

```
<xs:restriction base="xs:int">
  <xs:minInclusive value="1"/>
  <xs:maxInclusive value="99999"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

element **ReceiptConfirmationMessage**

diagram	<p>ReceiptConfirmationMessage</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>
namespace	http://www.era.europa.eu/schemes/TAF-TSI/3.5
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	<p>The diagram shows a UML class named "Recipient". It has a single attribute named "CI_InstanceNumber" which is described as "Number of a Common Interface Instance for the same Company".</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	extension of CompanyCode												
properties	content complex												
used by	element MessageHeader												
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}												
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</td> </tr> </tbody> </table>	Name	Type	Use	Default	Fixed	Annotation	CI_InstanceNumber	Numeric2-2				documentation Number of a Common Interface
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
used by	elements 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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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

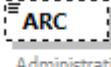
diagram	<p>Movement Reference Number according to NCTS</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ns1:MRN_Type MRN_Number
annotation	<p>documentation</p> <p>Movement Reference Number according to NCTS</p>
source	<pre><xs:element name="MovementReferenceNumber" 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/3.5
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>

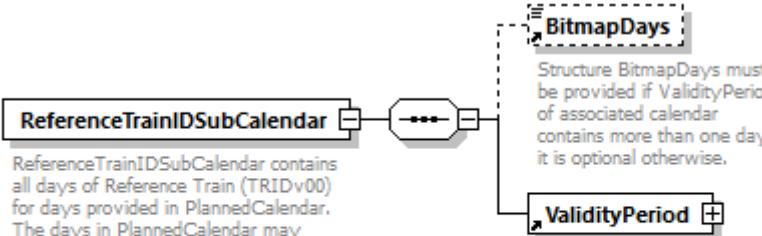
element ReferenceNumbers/ARC

diagram	 <p>Administrative Reference CodeEMCS (Excise Movement and Control System)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre><xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element></pre>
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element **RegenerativeBrake**

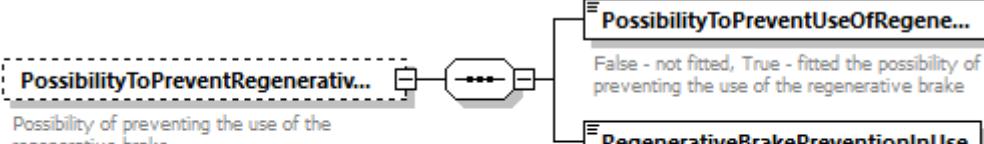
diagram	<pre> classDiagram class RegenerativeBrake class RegenerativeBrakeFitted { "False - Not fitted, True- Regenerative Brake fitted" } class PossibilityToPreventRegenerativeBrake { "Possibility of preventing the use of the regenerative brake" } RegenerativeBrake --> RegenerativeBrakeFitted RegenerativeBrake --> PossibilityToPreventRegenerativeBrake </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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: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:sequence> </xs:complexType> </xs:element></pre>

	<pre> 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>
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element **RegenerativeBrake/RegenerativeBrakeFitted**

diagram	 <p>RegenerativeBrakeFitted</p> <p>False - Not fitted, True- Regenerative Brake fitted</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

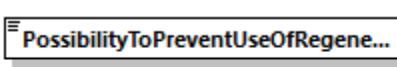
element **RegenerativeBrake/PossibilityToPreventRegenerativeBrake**

diagram	 <p>PossibilityToPreventRegenerativ...</p> <p>Possibility of preventing the use of the regenerative brake</p> <p>PossibilityToPreventUseOfRegene...</p> <p>False - not fitted, True - fitted the possibility of preventing the use of the regenerative brake</p> <p>PossibilityToPreventUseOfRegenerativeBrake</p> <p>RegenerativeBrakePreventionInUse</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/3.5
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>
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element

RegenerativeBrake/PossibilityToPreventRegenerativeBrake/PossibilityToPreventUseOfRegenerativeBrake

diagram	 <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/3.5
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	 RegenerativeBrakePreventionInUse
	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/3.5
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	 RelatedIdentifier
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	FreeText
properties	content simple
used by	element RelatedReference
facets	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/3.5
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element Identifiers
source	<pre> <xss:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/> </pre>

element **RelatedReference**

diagram	<p>Identifies the message to which the actual message refers</p> <p>RelatedType</p> <p>RelatedIdentifier</p> <p>RelatedSenderReference Sender reference given by the Sender</p> <p>RelatedMessageDateTime Date Time of related message.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime
used by	elements ReceiptConfirmationMessage WagonETI ETA Message
annotation	documentation Identifies the message to which the actual message refers
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	<p>RelatedType</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	ns1: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/3.5
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/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element TrainOperationalIdentification
source	<pre><xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/></pre>

element **Remarks**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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

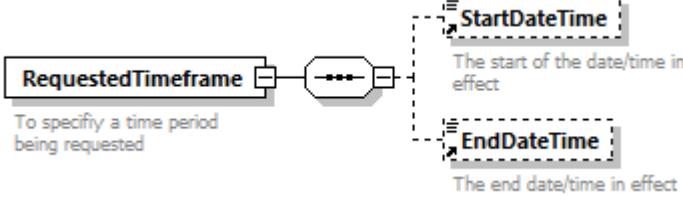
diagram	<p>The diagram shows the RequestedCalendar element connected via a sequence boundary to a multiplicity node (indicated by three dots). From this multiplicity node, two lines branch out to two separate boxes: BitmapDays and ValidityPeriod. A callout box provides the following information about BitmapDays: "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/3.5
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

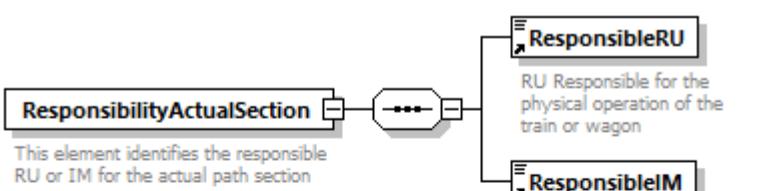
diagram	<p>The diagram shows the RequestedPeriod element connected via a sequence boundary to a multiplicity node (indicated by three dots). From this multiplicity node, two lines branch out to two separate boxes: StartDateTime and EndDateTime. Callout boxes provide the following descriptions: "Date/Time period of a request" for the multiplicity node, "The start of the date/time in effect" for StartDateTime, and "The end date/time in effect" for EndDateTime.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	StartDateTime EndDateTime
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>

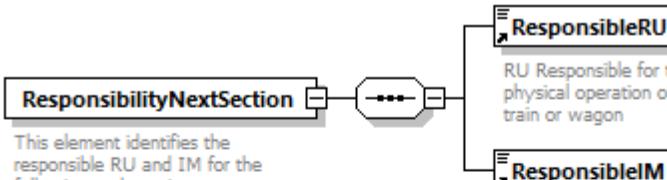
element RequestedTimeframe

diagram	 <p>To specify a time period being requested</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	StartDateTime EndDateTime
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/3.5
properties	content complex
children	ResponsibleRU ResponsibleIM
used by	element JourneySection
annotation	<p>documentation</p> <p>This element identifies the responsible RU or IM for the actual path section</p>
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> <p>ResponsibleRU RU Responsible for the physical operation of the train or wagon</p> <p>ResponsibleIM 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/3.5
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/3.5
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	
	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.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	content simple
used by	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

	<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. <pre style="color: red; margin-left: 20px;"> </xs:documentation> </xs:annotation> </xs:element></pre>
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element ResponsibleRU

diagram	 <p>RU Responsible for the physical operation of the train or wagon</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	CompanyCode												
properties	content simple												
used by	elements ExceptionPoint PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection TrainDelayCauseMessage TrainReadyMessage TrainRunningForecastMessage TrainRunningInformationMessage TrainRunningInterruptionMessage												
facets	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Kind</th> <th style="text-align: left;">Value</th> <th style="text-align: left;">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 style="color: red; margin-left: 20px;"> <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	 <p>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)</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
type	ns1:RestrictionCodes						
properties	content simple						
used by	element WagonOperationalData						
facets	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Kind</th> <th style="text-align: left;">Value</th> <th style="text-align: left;">Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>07</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07	documentation
Kind	Value	Annotation					
enumeration	07	documentation					

		F - Shunt only when hand brake operable with ground staff documentation
	enumeration 08	F - Tank wagon loaded with liquid documentation
	enumeration 09	F - Wagon loaded with people documentation
	enumeration 11	F - Wagon other than bogie wagon with wheelbase of more than 9 metres documentation
	enumeration 12	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 13	F - Bogie wagon with distance between wheels of more than 17,50 metres documentation
	enumeration 15	F - Wagon not allowed over the hump documentation
	enumeration 16	F - Do not fly shunt or gravity shunt (3 red triangles) documentation
	enumeration 18	F - Must not use active braking equipment documentation
	enumeration 25	F - Gas carrying tank wagon with orange side stripe documentation
	enumeration 30	P (+F) - CCS fault (see CCS coding list) documentation
	enumeration 31	P (+F) - Braking system fault documentation
	enumeration 32	P (+F) - Wheelset, bogie fault documentation
	enumeration 33	P (+F) - Headlighting or back lighting fault documentation
	enumeration 34	P (+F) - Front glass broken documentation
	enumeration 35	P (+F) - Horn fault documentation
	enumeration 36	P (+F) - Radio fault documentation
	enumeration 37	P (+F) - Energy supply fault documentation
	enumeration 38	P (+F) - Traction or motor fault documentation
	enumeration 39	P - Access door fault documentation
	enumeration 41	F - Place this wagon at the front of the train documentation
	enumeration 42	F - Place this wagon at the rear of the train documentation
	enumeration 50	P (+F) - Speed restriction documentation
	enumeration 52	P (+F) - Diesel locomotive instead of electric locomotive documentation
	enumeration 61	F - Wagon forming part of a consignment of several wagons documentation
	enumeration 62	F - Wagon forming part of a group of wagons from which it must not be separated documentation
	enumeration 63	F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation
	enumeration 68	F - First or last wagon of a wagon group from which it must not be separated documentation
	enumeration 70	F - Shunt with care (1 red triangle) documentation
	enumeration 71	F - Shunt with special care (2 red triangle) documentation
	enumeration 90	P - Train planned with passengers operated without passengers documentation

	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 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	 <p>Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative offer.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	Law ns1:DangerLabel TechnicalDescription ProperShippingName SpecialProvisionsRID ActionRequiredFromCarrier DangerousGoodsWeight DangerousGoodsVolume WeightNettoExplosiveMass HazardIdentificationNumber UN Number RID Class ClassificationCode ns1:PackingGroup EmptyPackingCode LimitedQuantityIndicator
used by	elements Goods Wagons/GoodsInWagon
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: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: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"/>
        <xsmaxLength 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"/>
            <xsmaxLength 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: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:element>
<xs:element name="UN_Packaging" minOccurs="0">
    <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: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 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>
<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>

```

element RID/Law

diagram																																											
	The law after which the RID data are declared.																																										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																										
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																																										
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enumeration	2031																																										
enumeration	2033																																										
enumeration	2035																																										
enumeration	2037																																										
annotation	documentation The law after which the RID data are declared.																																										
source	<xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are																																										

	<pre> 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 **RID/TechnicalDescription**

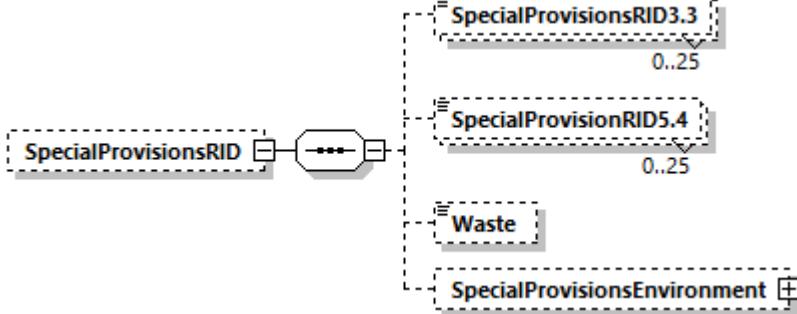
diagram	 <p>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction 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>									

	<pre></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/3.5									
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 RID/SpecialProvisionsRID

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 RID/SpecialProvisionsRID/SpecialProvisionsRID3.3

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 RID/SpecialProvisionsRID/SpecialProvisionRID5.4

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 RID/SpecialProvisionsRID/Waste

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
source	<pre><xs:element name="Waste" type="xs:boolean" minOccurs="0"/></pre>

element RID/SpecialProvisionsRID/SpecialProvisionsEnvironment

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	EnvironmentalHazardous MarinePollutant
source	<pre><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></pre>

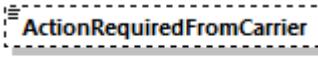
element RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/EnvironmentalHazardous

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
source	<pre><xs:element name="EnvironmentalHazardous" type="xs:boolean"/></pre>

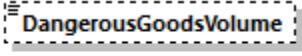
element RID/SpecialProvisionsRID/SpecialProvisionsEnvironment/MarinePollutant

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
source	<pre><xs:element name="MarinePollutant" type="xs:boolean"/></pre>

element RID/ActionRequiredFromCarrier

diagram	 Special action required by the carrier according to chapter 5.4.1.2.5.2 RID
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/DangerousGoodsVolume

diagram	 The volume of the dangerous goods in cubic meters
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

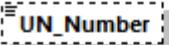
element RID/WeightNettoExplosiveMass

diagram													
	Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
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>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	<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" 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>												

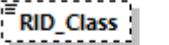
element RID/HazardIdentificationNumber

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>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 RID/UN_Number

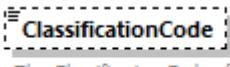
diagram	 UN_Number The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 RID/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/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

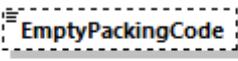
	content simple
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<pre><xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good 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 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/3.5
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:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

	<pre><xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	---

element **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/3.5																																																									
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																																																								
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enumeration	04	documentation EMPTY LARGE PACKAGING																																																								
enumeration	05	documentation EMPTY TANK-VEHICLE																																																								
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enumeration	09	documentation EMPTY TANK-CONTAINER																																																								
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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 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and</p>																																																									

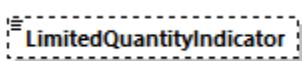
	approved.
source	<pre> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:annotation> <xs: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> </pre>

```

<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>

```

element RID/LimitedQuantityIndicator

diagram	 <p>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 RID_Checking

diagram	<p>RID_Checking</p> <p>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</p> <p>CheckingBody Identification of the body which performed the RID check</p> <p>CheckingType 1..∞ 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 Date and Time when the check was performed</p> <p>CheckingLocation The location where the check took place</p> <p>CheckingResults 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/3.5

properties	content complex
children	CheckingBody CheckingType CheckingDateTime CheckingLocation CheckingResults
used by	element Goods
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> </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> </xs:annotation> <xs:sequence> <xs:element name="Carrier"> <xs:annotation> <xs:documentation>Carrier:</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="PrescribedDocumentation"> <xs:annotation> <xs:documentation>01 Prescribed documentation attached to transport docuemnt</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DefectsLeakagesCracksMissingEquipment"> <xs:annotation> <xs:documentation>02 Defects, leackages, cracks, missing equipment on wagons or equipment</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:element> </xs:sequence> </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 Plackards, plates from RID chapter 5.3 are visible on wagon
25 Correct Closure of wagons / tanks
26 Leackage 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 Plackards, 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"/>
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            <xs:enumeration value="23"/>
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            <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	<pre> classDiagram class CheckingBody class BodyType { <<Following types of bodies are authorised (RID 1.4.3):>> 01 Carrier 02 Loader 03 Filler 04 Unloader } class BodyID { <<4N Company Code>> } CheckingBody --o BodyType CheckingBody --o BodyID </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

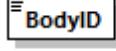
	<pre> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="BodyID" type="CompanyCode"> <xs:annotation> <xs:documentation>4N Company Code</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </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/3.5															
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>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> <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"/></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/3.5												
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>												

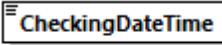
element RID_Checking/CheckingType

diagram	<p>CheckingType</p> <p>1..oo</p> <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/3.5																																							
type	restriction of xs:string																																							
properties	<table> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> <tr> <td>content</td><td>simple</td></tr> </table>	minOcc	1	maxOcc	unbounded	content	simple																																	
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																																							

	<p>enumeration 32</p> <p>enumeration 33</p> <p>enumeration 34</p>
annotation	<p>documentation</p> <p>Following types of checks are authorised (RID 1.4.3):</p> <p>Carrier:</p> <p>01 Prescribed documentation attached to transport docuemnt</p> <p>02 Defects, leackages, cracks, missing equipment on wagons or equipment</p> <p>Loader:</p> <p>11 Damage of packing</p> <p>12 Compliance with prohibition on mixed loading</p> <p>13 Uncleaned empty package</p> <p>Filler:</p> <p>21 Date of next inspection of wagons</p> <p>22 DG is filled only into authorized tanks</p> <p>23 Permissible level of filling</p> <p>24 Plackards, plates from RID chapter 5.3 are visible on wagon</p> <p>25 Correct Closure of wagons / tanks</p> <p>26 Leackage on wagons / tanks</p> <p>Unloader:</p> <p>31 Damage of packages or of tanks</p> <p>32 Required DG documentation available</p> <p>33 Cleaning, degassing, decontamination of wagons from residues</p> <p>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:</p> <p>01 Prescribed documentation attached to transport docuemnt</p> <p>02 Defects, leackages, cracks, missing equipment on wagons or equipment</p> <p>Loader:</p> <p>11 Damage of packing</p> <p>12 Compliance with prohibition on mixed loading</p> <p>13 Uncleaned empty package</p> <p>Filler:</p> <p>21 Date of next inspection of wagons</p> <p>22 DG is filled only into authorized tanks</p> <p>23 Permissible level of filling</p> <p>24 Plackards, plates from RID chapter 5.3 are visible on wagon</p> <p>25 Correct Closure of wagons / tanks</p> <p>26 Leackage on wagons / tanks</p> <p>Unloader:</p> <p>31 Damage of packages or of tanks</p> <p>32 Required DG documentation available</p> <p>33 Cleaning, degassing, decontamination of wagons from residues</p> <p>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"></pre>

	<pre> <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></pre>
--	---

element **RID_Checking/CheckingDateTime**

diagram	 <p>Date and Time when the check was performed</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation The location where the check took place
source	<pre><xs:element name="CheckingLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>The location where the check took place</xs:documentation> </xs:annotation> </xs:element></pre>

element RID_Checking/CheckingResults

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	<pre> classDiagram class RollingRoadUnit { <<Describes the type and content of a Rolling road unit>> } class RollingRoadUnitDetails { <<Details for Rolling Road units on wagon>> } class Goods { <<Describes the goods inside the means of transport>> } 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>> } RollingRoadUnit --> RollingRoadUnitDetails RollingRoadUnit --> Goods Goods --> SummaryOfGoodsWithSameRID </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/> -</xs:documentation>
    </xs:annotation>
    <xs:documentation>WRITE: <br/> -</xs:documentation>
Consignee</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 "0..2" *-- "0..2" LoadingStatus RollingRoadUnitDetails "0..2" *-- "0..2" RollingRoadUnitType RollingRoadUnitDetails "0..2" *-- "0..2" Vehicles RollingRoadUnitDetails "0..2" *-- "0..2" TareWeightVehicle </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																					
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>																					

```

        </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>

```

element RollingRoadUnit/RollingRoadUnitDetails/Vehicles

diagram	<p>Diagram illustrating the relationship between Vehicles, NumberPlate, and CountryCodeISO.</p> <p>Vehicles (0..2) is associated with NumberPlate and CountryCodeISO.</p> <ul style="list-style-type: none"> NumberPlate: Number plate of the vehicle. CountryCodeISO: Identifies a County or State by code (ISO 3166-1) 						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
properties	<table> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>2</td></tr> <tr> <td>content</td><td>complex</td></tr> </table>	minOcc	0	maxOcc	2	content	complex
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/3.5									
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/3.5

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"> <xs:annotation> <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

diagram	<pre> classDiagram class Haulier class Name class CountryCodeISO Haulier "0..1" -- "1..1" Name : Haulier "0..1" -- "1..1" CountryCodeISO : </pre> <p>The diagram illustrates the structure of the Haulier element. It is represented by a dashed box labeled 'Haulier'. Two associations originate from it: one to a box labeled 'Name' with the multiplicity '1..1' at the Haulier end and '0..1' at the Name end; the other to a box labeled 'CountryCodeISO' with the multiplicity '1..1' at the Haulier end and '0..1' at the CountryCodeISO end.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Name CountryCodeISO
annotation	documentation Information concerning the haulier.
source	<pre><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></pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

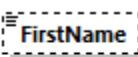
diagram	<pre> classDiagram class Attendants { <<0..2 Attendants during the transport.>> } class LastName { <<Last name of attendant.>> } class FirstName { <<Optional first name of the attendant.>> } Attendants "0..2" --> LastName Attendants "0..2" --> FirstName </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

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

element RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName

diagram	 LastName Last name of attendant.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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. documentation READ:
 - Consignee documentation WRITE:
 - Consignor 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	 FirstName Optional first name of the attendant.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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..4" -- "1..2" AdministrativeDataSet RollingStockDataset "3..4" -- "1..2" DesignDataSet </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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="Numeric0-2">
            <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">
                </xs:sequence>
            </xs:complexType>
        </xs:sequence>
    </xs:complexType>

```

```
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
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>
<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>
</xs:sequence>
</xs:complexType>
</xs:element>
```

element RollingStockDataset/AdministrativeDataSet

diagram	<pre> classDiagram class AdministrativeDataSet { WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVkm ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon } </pre> <p>The diagram illustrates the structure of the AdministrativeDataSet element. It contains the following attributes:</p> <ul style="list-style-type: none"> WagonNumberFreight: Identifies uniquely the freight wagon by its number. PreviousWagonNumberFreight: For identification of a wagon after renumbering. RegistrationCountry: ISO country code of registration country. DatePutIntoService: Date of first operation. AuthorisationValidUntil: End date for restricted authorisation (special case). SuspensionOfAuthorisation: Information if authorisation has been suspended by the authority. DateSuspensionOfAuthorisation: Date of the suspension of authorisation; must be provided in case of suspension. MultilateralAuthorisationCountries: ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country. Multiplicity: 0..∞. ChannelTunnelPermitted: Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure. QuieterRoutesExemptionCountry: 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. Multiplicity: 0..∞. KeeperShortNameVkm: 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). ECM: Full name of the assigned Entity in Charge of Maintenance. PlannedChangeOfECM: A dashed-line association indicating a planned change of Entity in Charge of Maintenance. ECMCertificate: ECM certificate information. InteropCapability: Identification of the general interoperability capability of the wagon. The following values/codes are proposed for the usage (defined in the InteropCapabilityCode): <ul style="list-style-type: none"> 01 = National 02 = Bi/Multilateral (with agreement or authorisation grid) 03 = RIV 05 = TEN 06 = TEN-GE 07 = TEN-CW 08 = TEN RIV GCUWagon: Indication if wagon is operated under the GCU contract.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	<p>WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate ns1: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="Numeric0-2"/>
                    <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>
<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)

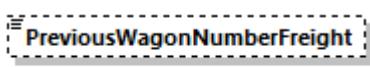
03 = RIV
05 = TEN

06 = TEN-GE

07 = TEN-CW

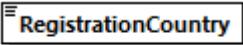
08 = TEN RIV</xs:documentation>
 </xs:annotation>
 </xs:element>
 <xs:element name="GCUWagon" type="xs:boolean">
 <xs:annotation>
 <xs:documentation>Indication if wagon is operated under the GCU
contract</xs:documentation>
 </xs:annotation>
 </xs:element>
 </xs:sequence>
</xs:complexType>
</xs:element>

element RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight

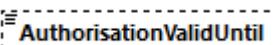
diagram	 <p>For identification of a wagon after renumbering</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	WagonIdent
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**

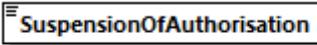
diagram	 <p>ISO country code of registration country</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CountryIdentISO
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of registration country
source	<pre><xs:element 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**

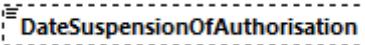
diagram	 <p>End date for restricted authorisation (special case)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)

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/3.5
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>

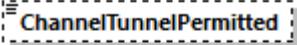
element RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation

diagram	 <p>Date of the suspension of authorisation; must be provided in case of suspension</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

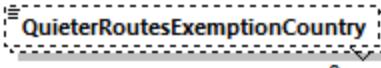
element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

diagram	
	ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
	Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastructure.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 0..∞ 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/3.5
type	CountryIdentISO
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/3.5
type	restriction of xs:string
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> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

diagram	<pre> classDiagram class PlannedChangeOfECM { <<PlannedChangeOfECM>> } class CurrentECMAssignedUntil { <<CurrentECMAssignedUntil>> "Date until the current Entity in Charge of Maintenance is assigned to the wagon" } class SubsequentECM { <<SubsequentECM>> "Full name of the following Entity in Charge of Maintenance" } PlannedChangeOfECM --> CurrentECMAssignedUntil PlannedChangeOfECM --> SubsequentECM </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 { <<CurrentECMAssignedUntil>> "Date until the current Entity in Charge of Maintenance is assigned to the wagon" } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple

annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon
source	<pre><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></pre>

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/3.5						
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	documentation Full name of the following Entity in Charge of Maintenance						
source	<pre><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></pre>						

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

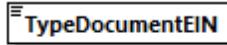
diagram	<pre> classDiagram class EINNumber class ECMCertificateValidFrom class ECMCertificateValidTo class CoversTankWagonsForDangerous... class CoversNonTankWagonsForDange... class ECMCertificateSuspended class DateECMCertificateSuspended EINNumber < -- ECMCertificate ECMCertificate "1" -- "*" ECMCertificateValidFrom ECMCertificate "1" -- "*" ECMCertificateValidTo ECMCertificate "1" -- "*" CoversTankWagonsForDangerous... ECMCertificate "1" -- "*" CoversNonTankWagonsForDange... ECMCertificate "1" -- "*" ECMCertificateSuspended ECMCertificateSuspended "1" -- "*" DateECMCertificateSuspended </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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="Numeric0-2">
        <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/3.5
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="Numeric0-2"/> <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 Code List Candidate: 31, 34									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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 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`

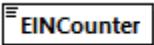
diagram	 CounterAcreditedRecognizedBody									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric0-2									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>00</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	00		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	00									
maxInclusive	99									
source	<pre><xs:element name="CounterAcreditedRecognizedBody" type="Numeric0-2"/></pre>									

element **`RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear`**

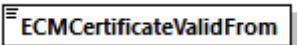
diagram	 EINYear									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>01</td> <td></td> </tr> <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									

source	<code><xs:element name="EINYear" type="Numeric2-2"/></code>
--------	---

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram	 EINCounter									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	 ECMCertificateValidFrom Certificate valid from date
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 ECMCertificateValidTo Certificate valid to date
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:date
properties	content simple

annotation	documentation Certificate valid to date
source	<pre><xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element></pre>

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

diagram	CoversTankWagonsForDangerous... <p>Certificate covers tank wagons for dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre><xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>

element

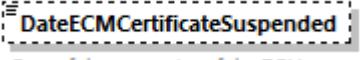
RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods

diagram	CoversNonTankWagonsForDange... <p>Certificate covers other wagons specialised in transport of dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods
source	<pre><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></pre>

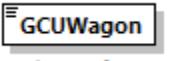
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<p>This diagram shows the UML Class Diagram for the TAFTSI 3.5 schema structure. It includes classes such as LetterNumbering, TankCode, WheelNumberOrIndex, WheelType, WheelDiameter, TrackGauge, WheelTransformationMethod, NumberOfSpokes, SpokePitch, SpokeRadius, InnerWheelbase, OuterWheelbase, CouplingType, BufferType, NormalCastingGauge, MinCornerRadius, MinVerticalRadiusWithTighten, WagonWeightEmpty, LengthOverhead, MaxAxleWeight, LoadRate, MaxDesignSpeed, AirBrake, Handbrake, Brakewheel, WagonIdentIndex, AxleLoad, LoadRate, HeightOfCastingBrackets, RemovalOfAccessories, LoadingCapacity, MaxGrossWeight, WeightOfTheGrossLoad, WeightOfTheEmptyWagon, WeightSystem, HeavyMetalTrap, FerryVehicleType, TemperatureRange, TechnicalInformationSection, DateOfOverhaul, OverhaulValidityPeriod, PermitReference, PlannedDateNextOverhaul, DateOfNextInspection, and DateOfNextInspection2.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex

children	<p>LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge</p> <p>ns1:WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase</p> <p>ns1:CouplingType BufferType ns1:NormalLoadingGauge MinCurveRadius MinVerticalRadius YardHump</p> <p>WagonWeightEmpty LengthOverBuffers MaxAxeWeight LoadTable MaxDesignSpeed AirBrake HandBrake</p> <p>DerailmentDetectionDevice BrakeBlock WagonTelematics MaxLengthOfLoad LoadArea</p> <p>HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem</p> <p>FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul</p> <p>OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection</p>
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"/></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>
--	---

```

        </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>

```

element RollingStockDataset/DesignDataSet/LetterMarking

diagram	 LetterMarking Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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	documentation Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2						
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/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 20
annotation	documentation <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>
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/3.5
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**

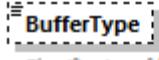
diagram	<div style="border: 1px dashed black; padding: 2px; display: inline-block;"> BogiePivotPitch </div> <p>Largest distance between two adjacent bogie pitches in mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric1-5
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value 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	<div style="border: 1px dashed black; padding: 2px; display: inline-block;"> InnerWheelbase </div> <p>Maximum distance between two adjacent axles in mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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>> 0..> } class SpeedCategory { <<Numeric speed in load table, without speed empty in km/h>> 1..> } 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 < -- LoadTableProduct LoadTable < -- LoadTableCountry LoadTable --> SpeedCategory LoadTable --> LoadTableStars LoadTable --> RouteClassPayloads </pre> <p>LoadTable (0..∞) 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/3.5
properties	<p>minOcc 0 maxOcc unbounded content complex</p>
children	LoadTableProduct LoadTableCountry SpeedCategory ns1: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> <xsd:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xsd:annotation> <xsd: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>
<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:</xs:documentation>
    </xs:annotation>
    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
  </xs:element>

```

	<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:element> </pre>
--	--

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct**

diagram	<pre> classDiagram class LoadTableProduct class ProductUNCode class ProductRIDName LoadTableProduct --> ProductUNCode : "UN code of product if product specific load table" LoadTableProduct --> ProductRIDName : "RID product name as written on the folding panel" </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	ProductUNCode ProductRIDName
annotation	<p>documentation</p> <p>Product description, only applies for product-specific load tables</p>
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/3.5
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**

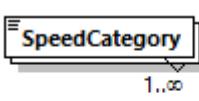
diagram	 ProductRIDName RID product name as written on the folding panel
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple

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/3.5
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/3.5
type	Numeric1-5

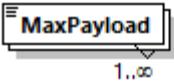
properties	minOcc	1	
	maxOcc	unbounded	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	99999	
annotation	documentation		
	Numeric speed in load table, without speed empty in km/h		
source	<pre><xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"> <xs:annotation> <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**

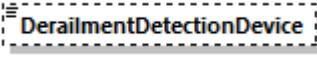
diagram	 <pre> classDiagram class RouteClassPayloads { <<RouteClass>> <<MaxPayload>> } RouteClassPayloads "1..∞" --> RouteClass RouteClassPayloads "1..∞" --> MaxPayload </pre> <p>RouteClass Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits 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> <p>MaxPayload 1..∞ 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/3.5
properties	minOcc 1 maxOcc unbounded content complex
children	ns1:RouteClass ns1: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 tons of line category; number of entries must fit to number of entries in SpeedCategory</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:decimal									
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>totalDigits</td> <td>4</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	4		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	4									
fractionDigits	1									
annotation	<p>documentation</p> <p>Maximum payload in tons of line category; number of entries must fit to number of entries in SpeedCategory</p>									
source	<pre> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tons 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/3.5						
type	DerailmentDetectionDevice						
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>EDT 101</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	EDT 101	
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>The diagram illustrates the structure of the BrakeBlock element. It is represented by a rectangle labeled "BrakeBlock". Three associations extend from this central node to three separate boxes: "BrakeBlockName", "CompositeBrakeBlockRetrofitted", and "CompositeBrakeBlockInstallationDate". The "BrakeBlockName" box contains the text "Name of the brake block type, including the length in mm". The "CompositeBrakeBlockRetrofitted" box contains the text "Indication if composite brake blocks are retrofitted or originally equipped". The "CompositeBrakeBlockInstallationDate" box contains the text "Date of composite brake block installation, for originally equipped wagon = date put into service".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	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	 <p>Name of the brake block type, including the length in mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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**

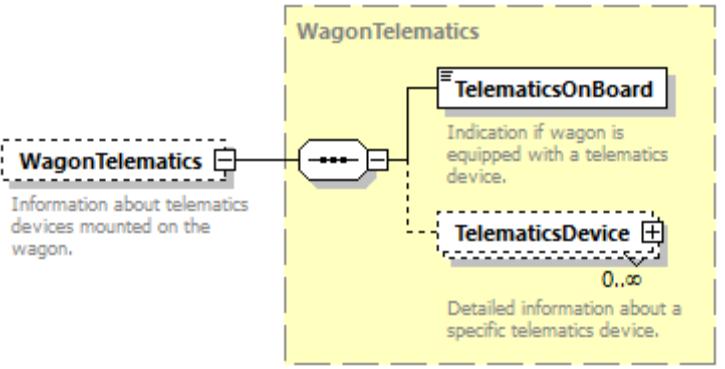
diagram	 <p>Indication if composite brake blocks are retrofitted or originally equipped</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped
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/3.5
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/3.5
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>

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

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

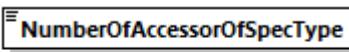
diagram	 <p><code>HeightOfLoadingPlaneUnladen</code></p> <p>Height of the loading plane when wagon is empty measured in mm</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric1-5									
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <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>TypeOfRemovableAccessories</p> <p>Specification of removable accessory, TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:</p> <ul style="list-style-type: none"> 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 <p>NumberOfAccessorOfSpecType</p> <p>Number of specified accessory equipped on the wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	ns1:TypeOfRemovableAccessories NumberOfAccessorOfSpecType
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</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/3.5									
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/3.5
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/3.5									
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>> <<MaxTemp>> <<MinTemp>> } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
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> sequenceDiagram participant RS as RollingStockDatasetMessage participant RWN as RefusedWagonNumbers participant WF as WagonNumberFreight participant RC as RefusalCode participant KSN as KeeperShortNameVKM RS->>RWN: activate RWN RWN-->>WF: activate WF WF-->>RC: activate RC RC-->>KSN: activate KSN KSN-->>RS: deactivate RS deactivate RWN deactivate WF deactivate RC deactivate KSN </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	WagonNumberFreight ns1: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> sequenceDiagram participant RSQ as RollingStockDatasetQueryMessage participant MH as MessageHeader participant WF as WagonNumberFreight RSQ->>MH: activate RSQ RSQ-->>WF: activate WF deactivate RSQ </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader WagonNumberFreight
annotation	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/3.5									
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/3.5
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>

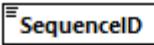
```
<xs:element name="RouteSection" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 30 content complex
children	SequenceID RouteCode RouteText
annotation	documentation Route sequence
source	<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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs: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/3.5
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/3.5									
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/3.5									
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>80</td><td></td></tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	80	
Kind	Value	Annotation								
minLength	1									
maxLength	80									
annotation	<p>documentation</p> <p>Description of the specific route section</p>									
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/3.5						
type	restriction of xs:string						
properties	content simple						
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint ProductionStation						
facets	<table> <tr> <td>Kind</td><td>Value</td><td>Annotation</td></tr> <tr> <td>length</td><td>5</td><td></td></tr> </table>	Kind	Value	Annotation	length	5	
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/3.5												
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/3.5
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/3.5
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>

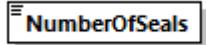
element ScheduledTimeAtLocation

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/3.5
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>

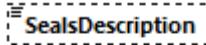
element **Seals**

diagram	<pre> classDiagram class Seals { <<Describes the seals used for the consignment>> } class NumberOfSeals { <<Number of the seals attached by the original consignor.>> } class SealsDescription { <<Additional information of the original consignor regarding the attached seals.>> } Seals --> BoundaryObject BoundaryObject --> NumberOfSeals BoundaryObject --> SealsDescription *-- "0..10" SealsDescription </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xsd:element name="Seals"> <xsd:annotation> <xsd:documentation>Describes the seals used for the consignment</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element name="NumberOfSeals"> <xsd:annotation> <xsd:documentation>Number of the seals attached by the original consignor.</xsd:documentation> </xsd:annotation> <xsd:simpleType> <xsd:restriction base="xsd:int"> <xsd:minInclusive value="0"/> <xsd:totalDigits value="2"/> </xsd:restriction> </xsd:simpleType> </xsd:element> <xsd:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xsd:annotation> <xsd:documentation>Additional information of the original consignor regarding the attached seals.</xsd:documentation> </xsd:annotation> <xsd:simpleType> <xsd:restriction base="xsd:string"> <xsd:maxLength value="10"/> <xsd:minLength value="1"/> </xsd:restriction> </xsd:simpleType> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>

element **Seals/NumberOfSeals**

diagram	 Number of the seals attached by the original consignor.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 0..10 Additional information of the original consignor regarding the attached seals.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5												
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". A tooltip for "SenderReference" states: "reference used by the sender (e.g. FTP file name)".</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
properties	content simple									
used by	element MessageHeader									
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 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

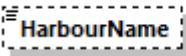
diagram	<p>The diagram illustrates the structure of the Ship element. It consists of a central Ship object connected via a sequence of three objects: VesselIndication, HarbourName, and ShipOwner. VesselIndication is described as identifying the extent to which the transportation unit is used. HarbourName is described as the name of the harbour where the transport will be handed over to a ship. ShipOwner is described as the name of the ship owner.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

```

<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>

```

element Ship/HarbourName

diagram										
	Name of harbour, where the transport will be handed over to a ship.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>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 Name of harbour, where the transport will be handed over to a ship.									
source	<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>									

element **Ship/ShipOwner**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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>

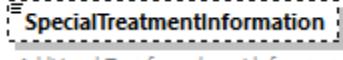
	<pre> <xs:documentation>Special treatment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking dedicated to fulfill the special treatment</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <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> <xs:element ref="Location" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **SpecialTreatments/SpecialTreatmentCode**

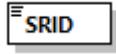
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation length 2
annotation	documentation Special Treatment code
source	<pre> <xs:element name="SpecialTreatmentCode"> <xs:annotation> <xs:documentation>Special Treatment code</xs:documentation> </xs:annotation> <xs: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/3.5
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/3.5
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	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> StartDate </div> <p>The start of the date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> StartDateTime </div> <p>The start of the date/time in effect</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 : Identifies a County or State by code (ISO 3166-1) --- LocationPrimaryCode : --- PrimaryLocationName : Location Name in an officiation language of the Country using the ISO Unicode alphabet --- LocationSubsidiaryIdentification : Code, Name and allocation company of Subsidiary Location } StartLocation --> LocationIdent </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 : Identifies a County or State by code (ISO 3166-1) --- LocationPrimaryCode : --- PrimaryLocationName : Location Name in an officiation language of the Country using the ISO Unicode alphabet --- LocationSubsidiaryIdentification : Code, Name and allocation company of Subsidiary Location } Station --> LocationIdent </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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/3.5
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:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="2"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </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/3.5
properties	content complex
children	UN_Number ns1: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>

	<p>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></p> <pre></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></pre>
--	--

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- 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>. 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="0"> <thead> <tr> <th>Code</th><th>F or P</th><th>Description</th></tr> </thead> <tbody> <tr> <td>D L</td><td></td><td>T</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 x</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> <p>Xxxx</p>	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 x	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 x																							
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/3.5																								

type	ns1: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	
	16	F	Do not fly shunt or gravity shunt (3 red triangles)
		x x x	
			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
			x

		x	x	x			
42	F		Place this wagon at the rear of the train				
63	F (+P) planned one	x	x	x			Special consignment or (for Passengers trains) loading/cinematic gauge larger than the
70	F		Shunt with care (1 red triangle)		x	x	
71	F		Shunt with special care (2 red triangle)	x	x	x	
94	F	x	x	x			Gas carrying wagon without orange side stripe
						x	
source							<pre><xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"> <xs:annotation> <xs: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. </xs:documentation> </xs:annotation> </xs:element></pre>
							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				
11	F	x		x			
			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	x			
15	F		Wagon not allowed over the hump	x			
				x	x	x	

	16	F	Do not fly shunt or gravity shunt (3 red triangles)
	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)	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	 TiltingFunction Indicates if a train uses a tilting system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates if a train uses a tilting system
source	<xs:element name="TiltingFunction" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a train uses a tilting

	<pre>system</xs:documentation> </xs:annotation> </xs:element></pre>
--	---

element **TimetableYear**

diagram	 TimetableYear <p>Refers to the timetable period in which the business will be carried out</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	<p>documentation</p> <p>Refers to the timetable period in which the business will be carried out</p>									
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/3.5
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><xs:element name="TimingAtLocation"> <xs:annotation> <xs: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 </xs:documentation> </xs:annotation></pre>

	<pre> </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <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> <xs:element ref="DwellTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **TimingAtLocation/Timing**

diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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/3.5
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/3.5												
type	WeightValueKilo												
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>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	<p>documentation</p> <p>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</p>												
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**

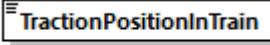
diagram	 TotalWeight Total weight of the loaded wagon [kg].												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	WeightValueKilo												
properties	content simple												
used by	elements Wagons/WagonDetails WagonInformation												
facets	<table> <thead> <tr> <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	<p>documentation</p> <p>Total weight of the loaded wagon [kg].</p>												
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	<p>TractionDetails</p> <p>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</p> <ul style="list-style-type: none"> 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 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 TractionMode [+] Identifies the mode of deployment of a traction unit within a train TractionWeight [+] Check with group to see if it is for sum or individual - check TAP Length [+] Length in millimetres - Used for TAP
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	LocoTypeNumber ns1:TypeOfUsedHybridPowerunit ns1: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> <xs:element name="TractionDetails"> <xs:annotation> <xs:documentation>Defines the design series, mode of deployment and technical specifications associated with the traction of a train.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocoTypeNumber"/> <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"> <xs:annotation> <xs: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</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionMode" minOccurs="0"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction unit within a train</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TractionWeight" type="xs:decimal" /> <xs:element ref="Length" type="xs:double" /> </xs:sequence> </xs:complexType> </xs: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>
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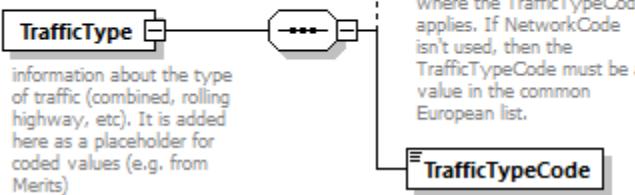
element **TractionPositionInTrain**

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/3.5									
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**

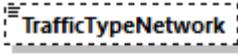
diagram										
	The weight of the traction unit									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	WeightValueTonne									
properties	content simple									
used by	element TractionDetails									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</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**

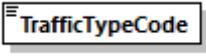
diagram	 <p>The diagram shows the TrafficType element connected to two other elements: TrafficTypeNetwork and TrafficTypeCode. TrafficTypeNetwork is represented by a dashed-line box containing the text: 'The code of the company (IM) that has planning responsibility of the network where the TrafficTypeCode applies. If NetworkCode isn't used, then the TrafficTypeCode must be a value in the common European list.' TrafficTypeCode is represented by a solid-line box containing the text: 'information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>
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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/3.5												
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> <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 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/3.5									
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	<p>#TrainActivityType</p> <p>Indicates certain treatments or operations of a train. If national codes are used, the first code will be the ISO country code, followed by 00-99.</p> <ul style="list-style-type: none"> 0001 Commercial stop RU Board/embark passenger train, load/unload passengers 0002 Operational stop IM Stop requested by the IM (e.g. overspeed by speed limit) 0003 Service stop RU Stop which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM Stop of the RU to change a system (e.g. signal, track, power supply system) 0005 Reversing stop RU/IM Stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stop for reversing move or driver change ends RU Stop of the train unit to run in the opposite direction (with change of engine at the other end of the train) 0008 Technical check/inpection coach/wagons RU/IM e.g. inspection of wheel brake test, tracking test 0009 Change gauge RU/IM continuation on a network with different gauge with change of bogies (e.g. 1435 mm to 1600 mm (F=8, S=6-P=1)) 0010 Detach 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/wagons RU 0015 attach and detach coach/wagons RU 0016 attach train Operational Train (in service) 0017 Operational Train (in service) 0018 Operational Train (not in service) RU e.g. need to park the train for connection delivery for several hours 0019 Maintenance services RU 0020 shunting RU local activity of shunting 0021 shunting service RU shunting services offered by the train operator 0022 Terminal service RU terminal station of final destination 0023 Transfer of the end of a train run if allowed by the IM or a third party 0024 Loop driver break RU legal issue, e.g. to respect working time 0025 Change RU Change of the IM who driver change as for the change of the crew passenger train needed 0026 Custom and passenger train RU 0027 Other stop reason IM 0028 Boarding only RU 0029 Disembarking only RU 0030 Stop on request RU 0031 Departure equals to arrival time RU If train stations only arrival times are published, they must be used instead to indicate that the train cannot depart before the published arrival time in case of early arrival 0032 Departure after disembarking RU immediately at the end of train run, train may continue as second train if stops have disembarked 0033 Arranging for connection RU 0034 Transfer 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 Glossary: RU 0037 Treatment on plants and animals RU Washing, Foddering, Milking, Spraying, Cleaning, ventilation from the connection flange 0038 Treatment of perishable goods RU Cleaning, disinfection, freezing, heating, checking the condition of the mechanical refrigeration equipment, refilling machinery or containers 0039 Administrative operation RU Import, Reinforcing, Submission to phytosanitary inspection 0040 Run Through Driving through RU Photo run-by / Photo-stop 0041 Train Waiting Waiting according to local rules 0042 Train running with another train RU Where trains have been attached to each other location on the schedule 0043 Dependency between trains (rolling stock). The same wagon/trainset is used in two different services. 0044 Dependency between trains (rolling stock). The same wagon/trainset is reused from the previous transport 0045 Dependency between trains (passenger/goods). Passengers/goods change from one train to another 0046 Dependency between trains (passenger/goods). Passengers/goods change from one train to another 0047 Dependency between trains (passenger/goods). Passengers/goods belong to the same transport if no TrainID is present 0048 Local battery charging National / company codes: Examples: Numbers 00 to 99 may be used for national codes, national purposes. Just adding ISO country code CDM: Change from new stop opening day LWD: Last warning than 1/2 min TTS: Train report stop cancelled
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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->Fl) 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 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)</pre>

	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 onlyRU	
	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

	<p>UK55 Stop shorter than 1/2 min IT72 Train report stop cancelled</p> <pre></xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xsmaxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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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 { <<Identifies the Operational Train Number Identifier>> } class ReferenceOTN { <<Identifies the Reference Operational Train Number Identifier>> } class TrainOperationalIdentification { <<Identifies the Train Operational Identification>> } 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 { <<Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time>> } TrainAtLocation "1" -- "1" TrainLocationStatus TrainAtLocation "1" -- "1" OperationalTrainNumberIdentifier TrainAtLocation "1" -- "1" ReferenceOTN TrainAtLocation "1" -- "1" TrainOperationalIdentification TrainAtLocation "1" -- "1" BookedLocationDateTime TrainAtLocation "1" -- "1" ReferencedLocationDateTime TrainAtLocation "1" -- "1" LocationDateTime TrainAtLocation "1" -- "1" TrainDelay </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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></pre>

	<pre> <xs:documentation>Specifies information about a train at a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainLocationStatus"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="BookedLocationDateTime"/> <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xs:element ref="LocationDateTime"/> <xs:element ref="TrainDelay"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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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/3.5																																																																		
type	ns1: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> </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	
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	enumeration 53
	enumeration 54
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>> } 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>> } 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/3.5
properties	content complex
children	JourneySection TrainRunningData LocIdent ns1: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>

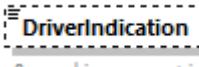
```
<xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/>
<xs:element ref="LocoTypeNumber" minOccurs="0"/>
<xs:element ref="LocoNumber" minOccurs="0"/>
<xs:element ref="TractionMode" minOccurs="0"/>
<xs:element ref="RegenerativeBrake" minOccurs="0"/>
<xs:element name="DriverIndication" minOccurs="0">
    <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 <i>0..∞</i></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/3.5

properties	minOcc 0 maxOcc unbounded content complex
children	ns1:TractionType ns1>TypeOfUsedHybridPowerunit LocoTypeNumber LocoNumber ns1: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/3.5
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**

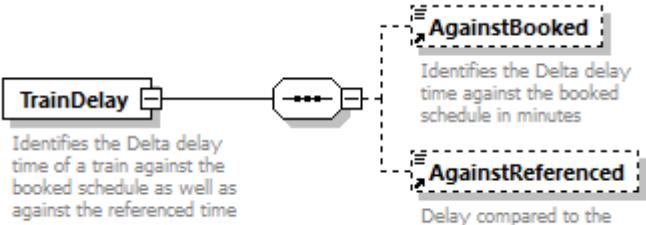
diagram	<p>This message is sent from an RU to an IM defining the composition of the proposed train.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1:MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN 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/3.5									
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>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 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/3.5
properties	content complex
children	MessageHeader ns1: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> <xsd:element name="TrainDelayCauseMessage"> <xsd:annotation> <xsd: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 </xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="MessageHeader"/> <xsd:element ref="MessageStatus"/> <xsd:element ref="TrainOperationalIdentification" minOccurs="0"/> <xsd:element ref="OperationalTrainNumberIdentifier"/> <xsd:element ref="ReferenceOTN" minOccurs="0"/> <xsd:element ref="ResponsibleRU" minOccurs="0"/> <xsd:element ref="DelayEventReport"/> </xsd:sequence> </xsd:complexType> </xsd: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/3.5
properties	content complex
children	MessageHeader ns1: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 CompositIdentifierOperationalType { <<CompositIdentifierOperationalType>> <<ObjectType>> <<Company>> <<Core>> <<Variant>> <<TimetableYear>> <<StartDate>> } class TrainID { <<TrainID>> } TrainID "1" --> "1" CompositIdentifierOperationalType TrainID --> Core </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 2..∞" } 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 < --> PlannedJourneyLocation TrainInformation < --> PlannedCalendar TrainInformation < --> PathPlanningReferenceLocation </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xss:element name="TrainInformation"> <xss:annotation> <xss:documentation>Train information provided by the RUs as an overview for the entire train journey from origin to destination</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"> <xss:annotation> <xss:documentation>Any operation point along a train journey</xss:documentation> </xss:annotation> </xss:element> <xss:element ref="PlannedCalendar"> <xss:annotation> <xss: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.</xss:documentation> </xss:annotation> </xss:element> <xss:element name="PathPlanningReferenceLocation"> <xss:annotation> <xss: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.</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss: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>
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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 "1" -- "1" LocationIdent : PathPlanningReferenceLocation "1" -- "1" CountryCodeISO : PathPlanningReferenceLocation "1" -- "1" LocationPrimaryCode : PathPlanningReferenceLocation "1" -- "1" PrimaryLocationName : PathPlanningReferenceLocation "1" -- "1" LocationSubsidiaryIdentification : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 1..* This element shows the Location that has been changed for the train run</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5									
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 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>This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1: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><xsd: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>
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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/3.5
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/3.5
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/3.5									
type	Numeric4-4									
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>0001</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0001		maxInclusive	9999	
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/3.5
properties	content complex
children	Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay GeoLocalisationOnNetwork
used by	TrainRunningForecastMessage TrainRunningInformationMessage
annotation	documentation Specifies the relevant running data of a train related to a specific location
source	<pre> <xss:element name="TrainLocationReport"> <xss:annotation> <xss:documentation>Specifies the relevant running data of a train related to a specific location</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="Location"/> <xss:element ref="LocationDateTime"/> <xss:element ref="TrainLocationStatus"/> <xss:element ref="BookedLocationDateTime" minOccurs="0"> <xss:annotation> <xss:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre>

	<pre> </xs:element> <xss:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xss:element ref="TrainDelay" minOccurs="0"/> <xss:element ref="GeoLocalisationOnNetwork" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>
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element **TrainLocationStatus**

diagram																																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																															
type	ns1: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 (HLR)</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 (MAD)</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 (HLR)	enumeration	15	documentation Wagon run-through at reporting point by train	enumeration	16	documentation Wagon parked at reporting point (MAD)	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																																																														
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enumeration	03	documentation Intermediate arrival																																																														
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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																																																														
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enumeration	16	documentation Wagon parked at reporting point (MAD)																																																														
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	<pre><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></pre>

element TrainMaxSpeed

diagram	TrainMaxSpeed The max. possible speed of a train in km/h									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Speed									
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>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 The max. possible speed of a train in km/h									
source	<pre><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></pre>									

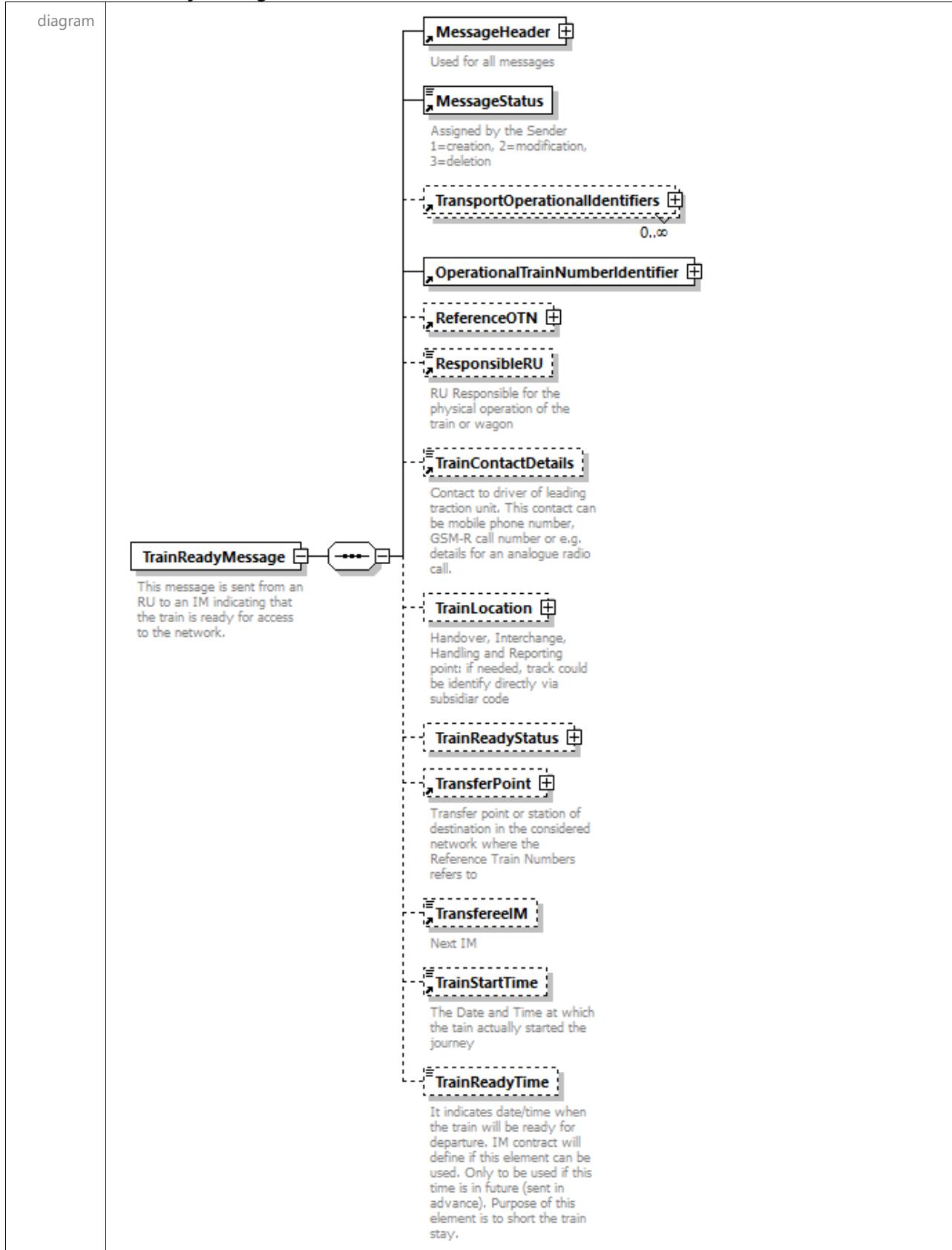
element TrainNotAtInterruptionPoint

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/3.5									
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>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	1	
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	<code><xs:element name="TrainNotAtInterruptionPoint"></code>									

	<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>
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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/3.5
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/3.5
properties	content complex
children	MessageHeader ns1: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/3.5						
type	LocationIdent						
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	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>						

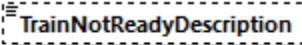
element **TrainReadyMessage/TrainReadyStatus**

diagram	<p>TrainReady 0=Not Ready 1=Ready</p> <p>TrainDelay Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p> <p>TrainNotReadyDescription Description of the reason why the train is not ready.</p> <p>DelayCause This element identifies the reason for a delay (modified DelayReason)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

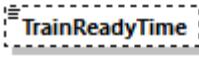
element **TrainReadyMessage/TrainReadyStatus/TrainReady**

diagram	 0=Not Ready 1=Ready									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>									

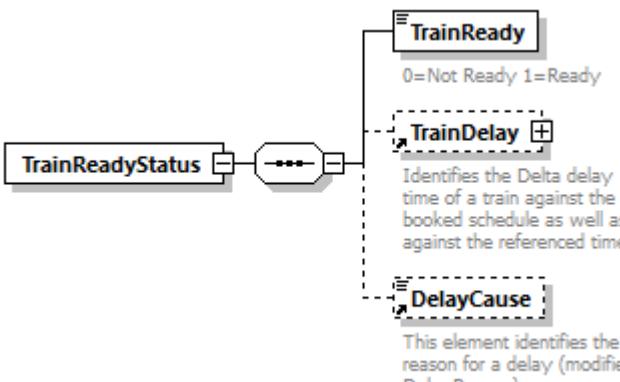
element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

diagram	 Description of the reason why the train is not ready.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	FreeText									
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>255</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	255	
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	 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.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	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.
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	 0=Not Ready 1=Ready Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time This element identifies the reason for a delay (modified DelayReason)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 <p>0=Not Ready 1=Ready</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>0=Not Ready 1=Ready</p>									
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	<p>TrainRunningTechData Shows the relevant technical data for a running train</p> <p>ExceptionalGaugingInd Indicates that an exceptional gauging is in the train or for the wagon - (true/false)</p> <p>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</p> <p>Activities 0..99</p> <p>Notes 0..∞ Remarks to be transmitted to IM</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<p>TrainActivity +</p> <p>Since the activities 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.</p> <p>ActivityLocationIdent +</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<p>LocationIdent +</p> <p>CountryCodeISO Identifies a County or State by code (ISO 3166-1)</p> <p>LocationPrimaryCode</p> <p>PrimaryLocationName Location Name in an official language of the Country using the ISO Unicode alphabet</p> <p>LocationSubsidiaryIdentification +</p> <p>Code, Name and allocation company of Subsidiary Location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 TrainRunningForecastMessage < --> MessageHeader TrainRunningForecastMessage < --> MessageStatus TrainRunningForecastMessage < --> TrainOperationalIdentification TrainRunningForecastMessage < --> OperationalTrainNumberIdentifier TrainRunningForecastMessage < --> ReferenceOTN TrainRunningForecastMessage < --> ResponsibleRU TrainRunningForecastMessage < --> TrainLocationReport TrainRunningForecastMessage < --> TransferPoint TrainRunningForecastMessage < --> TransfereeIM </pre> <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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1: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> <xsd:element name="TrainRunningForecastMessage"> <xsd:annotation> <xsd: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</xsd:documentation> </xsd:annotation> </pre>

	<pre> each other reporting point predefined by contract</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> <p>The diagram illustrates the structure of the TrainRunningInformationMessage. It consists of a main message class and several associated components. The main message class has annotations describing its purpose: it is issued upon arrival, departure, run-through, attainment of initial running time, divergence, or as a response to an enquiry. It includes references to MessageHeader, MessageStatus, and various identifiers (TrainOperationalIdentification, OperationalTrainNumberIdentifier, ReferenceOTN, ResponsibleRU). It also includes references to TrainLocationReport, TransferPoint, and TransfereeIM.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM

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	<pre> classDiagram class TrainRunningInterruptionMessage { <<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.>> } class MessageHeader class MessageStatus class TrainOperationalIdentification class OperationalTrainNumberIdentifier class ReferenceOTN class ResponsibleRU { <<RU Responsible for the physical operation of the train or wagon</>> } class InterruptionPoint class TrainRunningInterruptionStatus class TransferPoint class TransfereeIM { <<Next IM</>> } TrainRunningInterruptionMessage < -- MessageHeader TrainRunningInterruptionMessage < -- MessageStatus TrainRunningInterruptionMessage --> TrainOperationalIdentification TrainRunningInterruptionMessage --> OperationalTrainNumberIdentifier TrainRunningInterruptionMessage --> ReferenceOTN TrainRunningInterruptionMessage --> ResponsibleRU TrainRunningInterruptionMessage --> InterruptionPoint TrainRunningInterruptionMessage --> TrainRunningInterruptionStatus TrainRunningInterruptionMessage --> TransferPoint TrainRunningInterruptionMessage --> TransfereeIM </pre> <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/3.5
properties	content complex
children	MessageHeader ns1:MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint ns1: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> <xsd:element name="TrainRunningInterruptionMessage"> <xsd:annotation> <xsd: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. </xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="MessageHeader"/> <xsd:element ref="MessageStatus"/> <xsd:element ref="TrainOperationalIdentification" minOccurs="0"/> <xsd:element ref="OperationalTrainNumberIdentifier"/> <xsd:element ref="ReferenceOTN" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>

```
<xs:element ref="ResponsibleRU" minOccurs="0"/>
<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 MaxAxeWeight BrakeType BrakingRatio BrakeWeight NumberofVehicles NumberofAxes } TrainRunningTechData "0..9" TrainCC_System TrainRunningTechData "0..9" TrainRadioSystem </pre> <p>Shows the relevant technical data for a running train</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	ns1:TrainType TrainWeight TrainLength TrainCC_System ns1:TrainRadioSystem TrainMaxSpeed MaxAxeWeight ns1: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"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/> <xs:element ref="TrainMaxSpeed" minOccurs="0"/> <xs:element ref="MaxAxeWeight" minOccurs="0"/> <xs:element ref="BrakeType" minOccurs="0"/> <xs:element ref="BrakingRatio" minOccurs="0"/> <xs:element ref="BrakeWeight" minOccurs="0"/> <xs:element ref="NumberOfVehicles" minOccurs="0"/> <xs:element ref="NumberOfAxles" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element TrainStartTime

diagram	<p>TrainStartTime</p> <p>The Date and Time at which the train actually started the journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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"> <xs:annotation> <xs:documentation>The Date and Time at which the train actually started the journey</xs:documentation> </xs: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/3.5
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/3.5
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 "1..*" --> "1..*" LocationIdent LocationIdent < -- CountryCodeISO LocationIdent < -- LocationPrimaryCode LocationIdent < -- PrimaryLocationName LocationIdent < -- LocationSubsidiaryIdentification </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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/3.5
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: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/3.5									
type	ns1: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/3.5															
type	ns1: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														

		harmonisation - accepted documentation
	enumeration 3	harmonisation - rejected documentation
	enumeration 4	Request ready documentation
	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 final offer
	enumeration 17	documentation final offer - accepted
	enumeration 18	documentation alternative offer accepted
	enumeration 19	documentation pre-accepted offer
	enumeration 20	documentation Final Offer rejected
	enumeration 21	documentation no alternative available
	enumeration 22	documentation booked
	enumeration 23	documentation preparation of draft alternative offer is in progress
	enumeration 24	documentation alternative offer triggered by IM
	enumeration 25	documentation offer/final offer rejected (without revision)
	enumeration 26	documentation alternative offer rejected (without revision)
	enumeration 27	documentation offer/final offer rejected (revision required)
	enumeration 28	documentation alternative offer rejected (revision required)
	enumeration 29	documentation withdrawal
	enumeration 30	documentation Create Dossier
	enumeration 31	documentation Close Dossier
	enumeration 32	documentation Path canceled full
	enumeration 33	documentation Path canceled partial

	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/3.5																	
type	ns1: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	<p>TypeOfRUHarmonization</p> <p>Type of RU harmonization: Full, Part, None.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	ns1: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	<p>TypeofService</p> <p>Information about the services available on a train. Used for publication towards the passenger</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/TAF-TSI/3.5																		
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

		Snack documentation 0 enumeration 27 documentation Disabled documentation Services for disabled persons documentation 0 enumeration 28 documentation Movies documentation Movies documentation 0 enumeration 29 documentation Business documentation Services for business people documentation 0 enumeration 30 documentation Nursery documentation Nursery service documentation 0 enumeration 31 documentation Buffet documentation Buffet documentation 0 enumeration 32 documentation Special services for military documentation Special services for army families documentation 0 enumeration 33 documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation 0 enumeration 34 documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation 0 enumeration 35 documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation 0 enumeration 36 documentation Alighting possible until 30 minutes after arrival documentation Alighting is possible up to 30 minutes after arrival documentation 0
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	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/3.5																								
type	type9039CodeList																								
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>2</td> <td>documentation First-class sleepers documentation First-class sleepers documentation 0</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation First-class seats documentation First-class seats documentation 0</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation First-class couchettes documentation First-class couchettes documentation 0</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation Second-class couchettes</td> </tr> </tbody> </table>	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
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
	enumeration 8	0
		documentation
		Sleeperette
		documentation
		Sleeperette or reclining seat
		documentation
	enumeration 9	0
		documentation
		Restaurant
		documentation
		Restaurant facility
		documentation
	enumeration 11	0
		documentation
		First-class sleeper, single
		documentation
		First-class sleeper, single
		documentation
	enumeration 12	0
		documentation
		First-class sleeper, special
		documentation
		First-class sleeper, special
		documentation
	enumeration 13	0
		documentation
		First-class sleeper, double
		documentation
		First-class sleeper, double
		documentation
	enumeration 14	0
		documentation
		Vehicle transport
		documentation
		Facilities for vehicle transport etc. Not bicycles.
		documentation
		Cars, boats, trailers, motorbikes,
		documentation
	enumeration 15	0
		documentation
		Second-class, sleeper, T2
		documentation
		Second-class sleeper, T2 (two-bed compartment)
		documentation
	enumeration 16	0
		documentation
		Second-class sleeper, T3
		documentation
		Second-class sleeper, T3 (three-bed compartment)
		documentation
	enumeration 17	0
		documentation
		Second-class sleeper T4
		documentation
		Second-class sleeper, T4 (four-bed compartment)
		documentation
	enumeration 18	0
		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	documentation Non-smoker service documentation The travel service is non-smoking documentation 0
	enumeration 21	documentation Heavily disabled documentation Facilities for heavily disabled persons available documentation 0
	enumeration 24	documentation Baby room documentation Baby care facilities available documentation 0
	enumeration 26	documentation Bicycle transport documentation Facility for bicycle transport available documentation 0
	enumeration 28	documentation Wheelchair access documentation Access for wheelchairs possible documentation 0
	enumeration 33	documentation Video coach documentation Video coach available documentation 0
	enumeration 34	documentation Mini-bar documentation Mini-bar available documentation 0
	enumeration 36	documentation Panorama coach documentation Panorama coach available documentation 0
	enumeration 44	documentation 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 0 documentation Second class sleeper double documentation Second class sleeper for two documentation 0 documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation 0 documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation 0 documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation 0 documentation Second-class, couchette, six-bed, C6 documentation Second class compartment with 6 couchettes documentation 0 documentation Second class couchette wheelchair documentation Second class couchette with wheelchair space documentation 0 documentation Executive class documentation A class with comfort level higher than first class documentation Trenitalia documentation 0 documentation Business class documentation First class documentation Trenitalia
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		documentation
		0
	enumeration 68	documentation
		Premium class
		documentation
		A second class with comfort level higher than normal second class
		documentation
		Trenitalia
		documentation
		0
	enumeration 69	documentation
		Standard class
		documentation
		Trenitalia's normal second class
		documentation
		Trenitalia
		documentation
		0
	enumeration 70	documentation
		Unified class
		documentation
		For services with no class differentiation. A service with only one class
		documentation
		UIC
		documentation
		0
	enumeration 71	documentation
		Medical-grade masks
		documentation
		Medical-grade masks must be worn
		documentation
		0
	enumeration 72	documentation
		Mask obligation according to legal regulation
		documentation
		Mask obligation according to legal regulation
		documentation
		0
	enumeration 101	documentation
		Metro connection
		documentation
		Metro, subway, underground connection
		documentation
		Only used in TSDUPD
		documentation
		0
	enumeration 102	documentation
		Taxi connection
		documentation
		Taxi connection
		documentation
		Only used in TSDUPD
		documentation
		0
	enumeration 103	documentation
		Bus connection
		documentation
		Bus connections available
		documentation
		Used only in TSDUPD
		documentation
		0
	enumeration 104	documentation

		<p>Tram connection documentation</p> <p>Tram connections available documentation</p> <p>Used only in TSDUPD documentation</p> <p>0 documentation</p> <p>enumeration 105 2nd Class couchette five beds C5 documentation</p> <p>2nd Class couchette five beds C5 documentation</p> <p>DB Nachtzug documentation</p> <p>0 documentation</p> <p>enumeration 106 Vaccinated, tested, recovered rule applied documentation</p> <p>Vaccinated, tested, recovered rule applied documentation</p> <p>Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation</p> <p>0 documentation</p> <p>enumeration 107 Dedicated toilet and place for wheelchair documentation</p> <p>Dedicated toilet and place for wheelchair documentation</p> <p>Dedicated toilet together with dedicated space for wheelchair documentation</p> <p>0 documentation</p>
source		<pre><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element TypeofService/CharacteristicDescriptionCode

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	type7037CodeList												
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>unbounded</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	unbounded	content	simple						
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>17</td> <td></td> </tr> <tr> <td>enumeration 6</td> <td>documentation First class documentation First class accommodation documentation 0</td> <td></td> </tr> <tr> <td>enumeration 7</td> <td>documentation Second class documentation Second class accommodation documentation 0</td> <td></td> </tr> </tbody> </table>	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	
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/3.5
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/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5												
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**

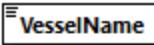
diagram													
	The variant shows a relationship between two identifiers referring to the same business case												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:string												
properties	content simple												
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{2}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[0-9A-Z]{2}												
annotation	<p>documentation</p> <p>The variant shows a relationship between two identifiers referring to the same business case</p>												
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>This element identifies to which extent the transportation unit is used</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	VesselName ClosingTime
used by	elements WIMO Dataset/EventLevelData Ship
annotation	<p>documentation</p> <p>This element identifies to which extent the transportation unit is used</p>

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/3.5
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/3.5
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>
--------	---

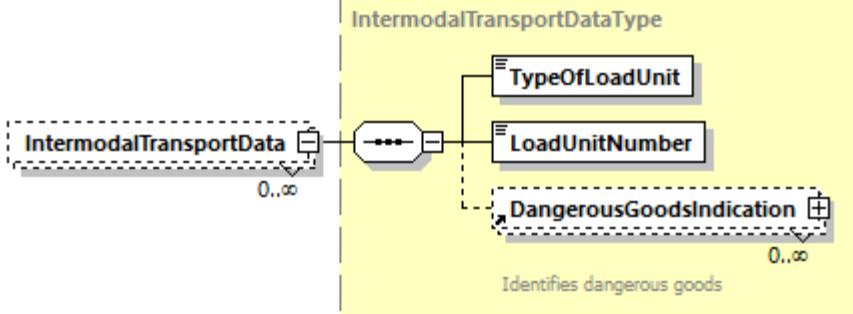
element WagonAtDeparture

diagram	<pre> classDiagram class WagonAtDeparture { <<Departure point of a wagon with location and departure time>> } class Location { <<Identifies a Location using a LocationIdent>> } class DepartureTimeAtLocation { <<the scheduled departure date and time at a defined location>> } WagonAtDeparture "2" -- "1" Location : WagonAtDeparture "2" -- "1" DepartureTimeAtLocation : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

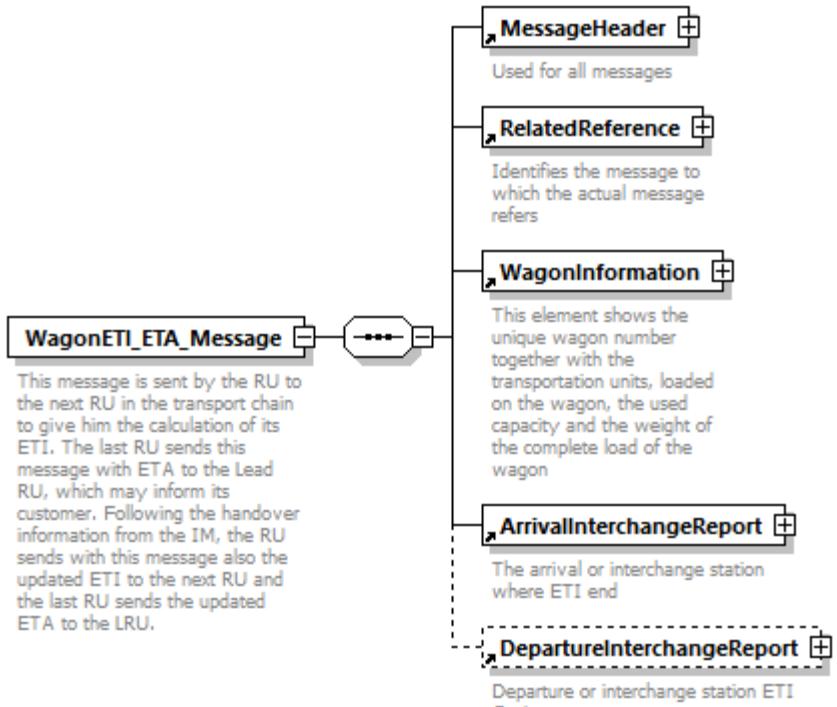
element **WagonData**

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>> } WagonData --> WagonNumberFreight WagonData --> WagonTrainPosition WagonData --> WagonOperationalData WagonData --> WagonTechData WagonOperationalData < -- IntermodalTransportData WagonTechData < -- IntermodalTransportData WagonOperationalData *-- "0..∞" IntermodalTransportData </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
type	IntermodalTransportDataType
properties	minOcc 0 maxOcc unbounded content complex
children	TypeOfLoadUnit LoadUnitNumber DangerousGoodsIndication
source	<xs:element name="IntermodalTransportData" type="IntermodalTransportDataType" minOccurs="0" maxOccurs="unbounded"/>

element **WagonETI_ETA_Message**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport
annotation	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.
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> <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	<p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p>Identifies a Location using a LocationIdent</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonEvent EventDateTime Location
used by	element WIMO Dataset/EventLevelData
annotation	documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages
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:restriction> </xs:simpleType> </xs:element> <xs:element name="EventDateTime"/> <xs:element name="Location"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <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>
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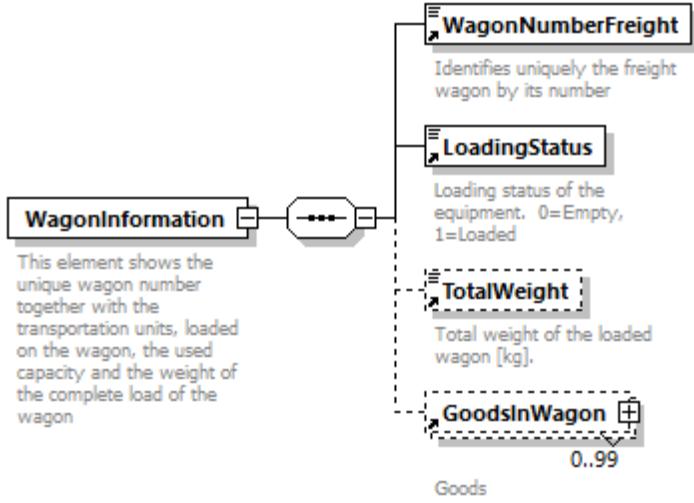
element **WagonEventInformation/WagonEvent**

diagram	 WagonEvent																																	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																	
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:dateTime
properties	content simple
source	<xs:element name="EventDateTime" type="xs:dateTime"/>

element **WagonInformation**

diagram	 <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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon
used by	elements WIMO Dataset/ConsignmentLevelData WagonETI ETA Message
annotation	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
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**

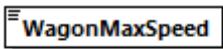
diagram	 WagonLength Length over buffers in cms									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element Wagons/WagonDetails/WagonTypeDetails									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</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 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	 WagonLocationStatus identifies the status of a wagon, related to the actual time at a reporting point																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																								
type	ns1:RunningStatus																								
properties	content simple																								
used by	element ExceptionPoint																								
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</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
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 (HLR)
enumeration	15 documentation Wagon run-through at reporting point by train
enumeration	16 documentation Wagon parked at reporting point (MAD)
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 <u>identifies the status of a wagon, related to the actual time at a reporting point</u>
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	 <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/3.5									
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></pre>									

	<pre><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 <p>Identifies uniquely the freight wagon by its number</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	WagonIdent
properties	content simple
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage WagonData WagonInformation Wagons WagonStatusMessages/WagonStatusMessage
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 <p>Number of Axels for a wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:int
properties	content simple
used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails
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:element></pre>

```
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:int">
    <xs:minInclusive value="2"/>
    <xs:maxInclusive value="99"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
```

element **WagonOperationalData**

diagram	<pre> graph LR WD[WagonOperationalData] --- BT[BrakeType] WD --- BW[BrakeWeight] WD --- WMS[WagonMaxSpeed] WD --- EGP[ExceptionalGaugingProfile] WD --- EGID[ExceptionalGaugingIdent] WD --- DG[DangerousGoodsIndication] WD --- IGD[InfoOnGoodsShapeTypeDanger] WD --- RDL[RestrictionsDueToLoadOrDamage] WD --- TLW[TotalLoadWeight] </pre> <p>WagonOperationalData</p> <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/3.5
properties	content complex
children	ns1:BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsIndication ns1: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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xs:sequence> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element></pre>

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

element Wagons

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xs:element ref="LoadingStatus"/> <xs:element name="WagonInfo" minOccurs="0"></pre>

```
<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</xs:documentation>
    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</xs:documentation>
    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">
        <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"/>
    </xs:restriction>
</xs:simpleType>
```

```
        <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" minOccurs="0" 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 ref="RID" minOccurs="0" maxOccurs="50"/>
                <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.
21</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:maxLength value="2"/>
                                <xs:minLength value="1"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:sequence>
                    <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>
```

	<pre> <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation> </xs:annotation> <xssimpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xssimpleType> </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> <xssimpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xssimpleType> </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> <xssimpleType> <xs:restriction base="xs:string"> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xssimpleType> </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> <xssimpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </pre>
--	--

```
        </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: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 { <<Code of origin country of the Goods>> } class ExceptionalConsignment { <<Exceptional Consignment>> 0..10 } class Examination { <<Examination>> 0..10 } class FormalReports { <<Formal report>> 0..15 } class ShuntingModalLabel class CustomerReference { <<Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side.>> 0..5 } class BookingNumber </pre> <p>WagonDetails</p> <p>Details for the specific wagon</p> <p>LoadingStatus Loading status of the equipment. 0=Empty, 1=Loaded</p> <p>WagonInfo Additional information, concerning the goods of the whole wagon.</p> <p>WagonTypeDetails These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</p> <p>TotalWeight Total weight of the loaded wagon [kg].</p> <p>LoadLimit Load limit from table of load limits in [t].</p> <p>Seals Describes the seals used for the consignment</p> <p>Ship Additional information for transports, which shall be handed over to a ship.</p> <p>DeliveryReference Code of origin country of the Goods</p> <p>ExceptionalConsignment Exceptional Consignment 0..10</p> <p>Examination Examination 0..10</p> <p>FormalReports Formal report 0..15</p> <p>ShuntingModalLabel Shunting modal label according to chapter 5.3.4 RID</p> <p>CustomerReference Supplied by the customer. Reference number to link the ECN and delivery note to the same consignment on the customer side. 0..5</p> <p>BookingNumber XrailBooking number for the consignment</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Number" minOccurs="0">
                <xs:annotation>
                    <xs:documentation>Number of the report</xs:documentation>
                </xs:annotation>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CarrierCode" type="CompanyCode">
    <xs:annotation>
        <xs:documentation>Code of the carrier who made it</xs:documentation>
    </xs:annotation>
</xs:element>
<xs:element name="ShuntingModalLabel" minOccurs="0">
    <xs:annotation>
        <xs:documentation>Shunting modal label according to chapter 5.3.4</xs:documentation>
    </xs:annotation>
</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:element>
```

	<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/3.5									
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 Axels for a wagon<> } class WagonLength { <<Length over buffers in cms<> } WagonTypeDetails < -- WagonWeightEmpty WagonTypeDetails < -- WagonNumberOfAxles WagonTypeDetails < -- WagonLength </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	WagonWeightEmpty WagonNumberOfAxles WagonLength
annotation	<p>documentation</p> <p>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</p>
source	<pre> <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> </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/3.5									
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>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>4</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		totalDigits	4	
Kind	Value	Annotation								
minInclusive	0									
totalDigits	4									
annotation	<p>documentation</p> <p>Load limit from table of load limits in [t].</p>									
source	<pre> <xs:element name="LoadLimit" minOccurs="0"> <xs:annotation> <xs:documentation>Load limit from table of load limits in [t].</xs:documentation> </xs:annotation> </xs: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>
--	--

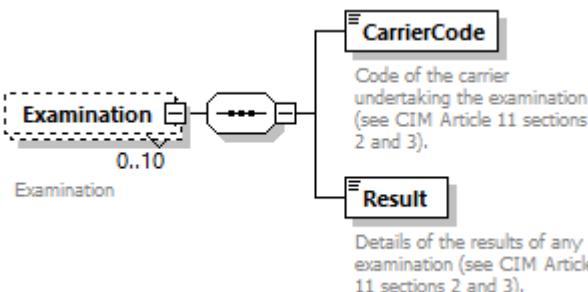
element Wagons/WagonDetails/ExceptionalConsignment

diagram	<pre> classDiagram class ExceptionalConsignment class IM_Partner class PermissionNumber ExceptionalConsignment --o IM_Partner : 0..10 IM_Partner --o PermissionNumber </pre> <p>Exceptional Consignment</p> <p>IM_Partner</p> <p>Infrastructure Manager</p> <p>PermissionNumber</p> <p>Reference/permission number of the exceptional consignment.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	 Reference/permission number of the exceptional consignment.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 24
annotation	documentation Reference/permission number of the exceptional consignment.
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	 Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3). Details of the results of any examination (see CIM Article 11 sections 2 and 3).
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 10 content complex
children	CarrierCode Result
annotation	documentation Examination
source	<pre><xs:element name="Examination" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Examination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

```

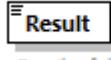
<xs:element name="CarrierCode" type="CompanyCode">
  <xs:annotation>
    <xs:documentation>Code of the carrier undertaking the examination
    (see CIM Article 11 sections 2 and 3). </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Result">
  <xs:annotation>
    <xs:documentation>Details 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>

```

element Wagons/WagonDetails/Examination/CarrierCode

diagram													
	Code of the carrier undertaking the examination (see CIM Article 11 sections 2 and 3).												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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	<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>												

element Wagons/WagonDetails/Examination/Result

diagram	
	Details of the results of any examination (see CIM Article 11 sections 2 and 3).

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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

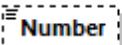
diagram	<pre> classDiagram class FormalReports { <<Formal report>> } class CreationDate { <<Date when the report was made out.>> } class Number { <<Number of the report form.>> } class CarrierCode { <<Code of the carrier who made it out.>> } FormalReports "0..15" --> CreationDate FormalReports "0..15" --> Number FormalReports "0..15" --> CarrierCode </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 <p>Date when the report was made out.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 <p>Number of the report form.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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/3.5												
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

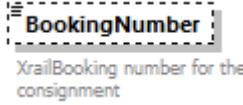
diagram	 <p>Shunting modal label according to chapter 5.3.4 RID</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:token									
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <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>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/3.5									
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 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													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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

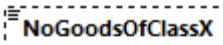
diagram	<pre> classDiagram class GoodsInWagon { NoGoodsOfClassX[0..50] RID[0..50] Packing[0..1] NHM_Code[0..1] PreviousLoadedGood[0..1] GoodsDescription[0..1] AdditionalGoodInformation[0..1] GrossWeight[0..1] HS_Code[0..1] EWC_Key[0..1] ReferenceNumbers[0..99] ILU[0..1] RollingRoadUnit[0..1] } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	minOcc 0 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" minOccurs="0" 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 ref="RID" minOccurs="0" maxOccurs="50"/> <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"></pre>

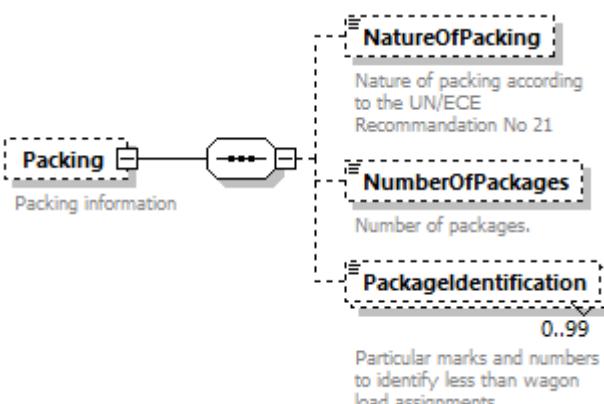
```
          <xs:maxLength value="35"/>
          <xs:minLength value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="NHM_Code"/>
<xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
<xs:element 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: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"/>
```

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

element Wagons/GoodsInWagon/NoGoodsOfClassX

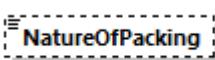
diagram	 <p>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1
annotation	documentation Element has to be 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)
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/Packing

diagram	 <p>Packing information</p> <p>NatureOfPacking Nature of packing according to the UN/ECE Recommendation No 21</p> <p>NumberOfPackages Number of packages.</p> <p>PackageIdentification 0..99 Particular marks and numbers to identify less than wagon load assignments.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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:element></pre>

	<pre> <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> </pre>
--	---

element Wagons/GoodsInWagon/Packing/NatureOfPacking

diagram	 <p>Nature of packing according to the UN/ECE Recommendation No 21</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5						
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	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 Recommandation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommandation 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 Wagons/GoodsInWagon/Packing/Packageldeidentification

diagram	 Particular marks and numbers to identify less than wagon load assignments.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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.
---------	---

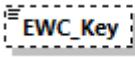
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre><xs:element 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/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 6 maxLength 10 pattern \d*[1-9]\d*
annotation	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.
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></pre>

	<pre> <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	 <p>Numeric key according to the European Waste Catalogue</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<pre> sequenceDiagram participant WM as WagonStatusMessages participant MH as MessageHeader participant WS as WagonStatusMessage WM->>MH: activate MH WM->>WS: activate WS deactivate MH deactivate WS </pre> <p>Always MANDATORY, independent whether only one or more messages are in the file</p> <p>MessageHeader Used for all messages</p> <p>WagonStatusMessage 1..500 used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

</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
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:element ref="CarrierStatus" minOccurs="0"/>
                </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:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>

```

```

<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>
<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>

```

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

element **WagonStatusMessages/WagonStatusMessage**

diagram	<p>WagonStatusMessage Wagon Status Message</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/3.5						
properties	<table> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>500</td></tr> <tr> <td>content</td><td>complex</td></tr> </table>	minOcc	1	maxOcc	500	content	complex
minOcc	1						
maxOcc	500						
content	complex						
children	ReportingRU MessageCreationDateTime WagonNumberFreight Event LoadingStatus ShippingLocation DestinationLocation Train ConsignmentIdentification Routing CarriersInvolved WagonJourneyIrregularity						

	DestinationLocation Train ConsignmentIdentification Routing CarriersInvolved Wagon JourneyIrregularity
annotation	<p>documentation used to describe one event of one wagon (all bounded elements are bounded to obligations of legacy systems)</p>
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 happens</xs:documentation> </xs:annotation> </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: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>
--	---

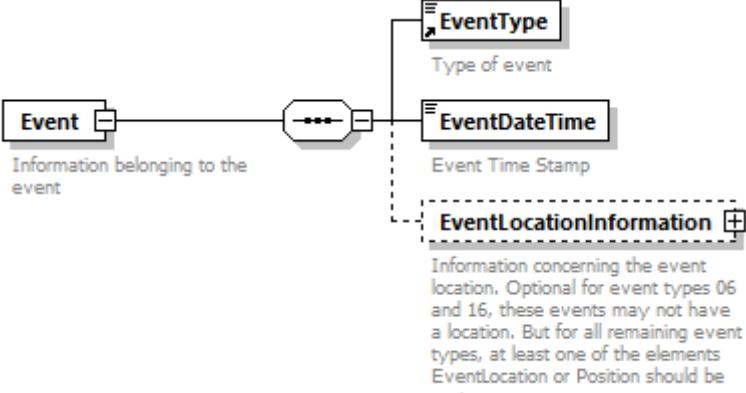
element **WagonStatusMessages/WagonStatusMessage/ReportingRU**

diagram	 <p>Company (RICS) Code of the RU who is reporting the event</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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/3.5
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**

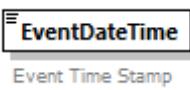
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	content complex
children	EventType EventDateTime EventLocationInformation
annotation	<p>documentation Information belonging to the event</p>
source	<pre><xs:element name="Event"> <xs:annotation> <xs:documentation>Information belonging 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:complexType>
</xs:element>
</xs:annotation>

```

element **WagonStatusMessages/WagonStatusMessage/Event/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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 happen</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	<pre> classDiagram class EventLocation { <<Location where the event happen>> } class LocationIdent { <<LocationIdent>> <<CountryCodeISO>> <<LocationPrimaryCode>> <<PrimaryLocationName>> <<LocationSubsidiaryIdentification>> } EventLocation "0..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/3.5
type	LocationIdent
properties	<p>minOcc 0 maxOcc 1 content complex</p>
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	<p>documentation Location where the event happen</p>
source	<pre> <xs:element name="EventLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Location where the event happen</xs:documentation> </xs:annotation> </xs:element> </pre>

element WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position

diagram	<pre> classDiagram class Position { <<Geo coordinates of the wagon event location in WGS84 as used in the CRD>> } class LocationIdent { <<LocationIdent>> <<Latitude>> <<Longitude>> } Position "0..1" *-- "*" LocationIdent LocationIdent "1..1" --> Latitude LocationIdent "1..1" --> Longitude </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	<p>minOcc 0 maxOcc 1 content complex</p>
children	Latitude Longitude
annotation	<p>documentation Geo coordinates of the wagon event location in WGS84 as used in the CRD</p>
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:element> </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/3.5
type	xs:decimal
properties	content simple
used by	element GeographicCoordinates
source	<xs:element name="Latitude" type="xs:decimal"/>

element

WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/Position/Longitude

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:decimal
properties	content simple
used by	element GeographicCoordinates
source	<xs:element name="Longitude" type="xs:decimal"/>

element **WagonStatusMessages/WagonStatusMessage>LoadingStatus**

diagram	 Loading status of the equipment. 0=Empty, 1=Loaded
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<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/3.5
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/3.5

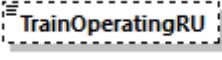
properties	minOcc 0 maxOcc 1 content complex
children	OperationalTrainNumberIdentifier TrainOperatingRU TrainOperationalIdentification TrainDepartureDate
source	<pre> <xs:element name="Train" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="OperationalTrainNumberIdentifier"> <xs:complexType> <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: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></pre>

element **WagonStatusMessages/WagonStatusMessage/Train/OperationalTrainNumberIdentifier**

diagram	<p>The diagram illustrates the structure of the OperationalTrainNumberIdentifier element. It is a composite element containing three associations:</p> <ul style="list-style-type: none"> OperationalTrainNumber: Represented by a solid line association. ScheduledTimeAtHandover: Represented by a dashed line association. ScheduledDateTimeAtTransfer: Represented by another dashed line association. <p>Each association has a descriptive text block next to it:</p> <ul style="list-style-type: none"> OperationalTrainNumber: Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc. ScheduledTimeAtHandover: The referenced date and time of departure or entrance at the border between two different IMs. ScheduledDateTimeAtTransfer: The referenced date and time of arrival or exit at the border between two different IMs.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 **WagonStatusMessages/WagonStatusMessage/Train/TrainOperatingRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	CompanyCode
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
source	<pre><xs:element name="TrainOperatingRU" type="CompanyCode" minOccurs="0"/></pre>

element **WagonStatusMessages/WagonStatusMessage/Train/TrainDepartureDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<pre><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></pre>

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

element **WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification**

diagram	<pre> sequenceDiagram participant CI as ConsignmentIdentification participant CL as ControlLabel participant DN as DossierNumber CI->>CL: CL-->>DN: activate CL activate DN ... deactivate DN deactivate CL </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/3.5
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/3.5
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>

```

        <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>

```

element

WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingCountry

diagram										
	Forwarding UIC Country Code									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>2</td> <td>documentation = 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> </tbody> </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	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> ShippingStationCode </div> UIC Code of the shipping station									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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

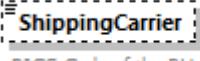
WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ShippingStationName

diagram	<div style="border: 1px dashed black; padding: 2px; display: inline-block;"> ShippingStationName </div> Name of the shipping station
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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

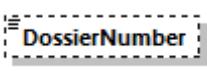
ate

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

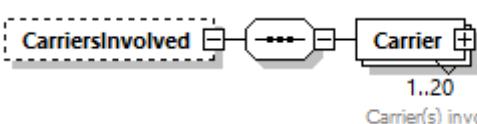
element**WagonStatusMessages/WagonStatusMessage/ConsignmentIdentification/ControlLabel/ConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc 1 content complex
children	Carrier
source	<pre><xss:element name="CarriersInvolved" minOccurs="0"> <xss:complexType> <xss:sequence> <xss:element name="Carrier" maxOccurs="20"> <xss:annotation> <xss:documentation>Carrier(s) involved</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element name="RU" type="CompanyCode"> <xss:annotation> <xss:documentation>Carrier (Railway Code)</xss:documentation> </xss:annotation> </xss:element> <xss:element ref="CarrierStatus" minOccurs="0"/> </xss:sequence> </xss:complexType> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </xss:complexType> </xss:element></pre>

element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier**

diagram	<p>Carrier (Railway Code)</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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 1 maxOcc 20 content complex
children	RU CarrierStatus
annotation	<p>documentation</p> <p>Carrier(s) involved</p>

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>
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element **WagonStatusMessages/WagonStatusMessage/CarriersInvolved/Carrier/RU**

diagram	 Carrier (Railway Code)												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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	<p>DamageCodes List of Damage Codes according to description in GCU Appendix 9 Annex 1</p> <p>IsAbleToRun 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/3.5
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	<pre> classDiagram class DamageCodes { <<List of Damage Codes according to description in GCU Appendix 9 Annex 1>> 0..> } class DamageCodePosition { <<DamageCodePosition1>> <<DamageCodePosition2>> <<DamageCodePosition3>> <<DamageCodePosition4>> <<DamageOldOrNew>> } DamageCodes "0..>" -- "0..>" DamageCodePosition </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	DamageCodePosition1 DamageCodePosition2 DamageCodePosition3 DamageCodePosition4 DamageOldOrNew
annotation	documentation List of Damage Codes according to description in GCU Appendix 9 Annex 1
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

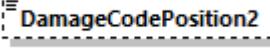
WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition1

diagram	 DamageCodePosition1
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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>

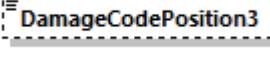
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition2

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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

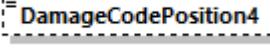
WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition3

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation minInclusive 1 maxInclusive 99
source	<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>

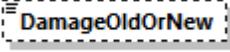
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageCodePosition4

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
source	<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>

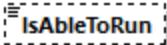
element

WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/DamageCodes/DamageOldOrNew

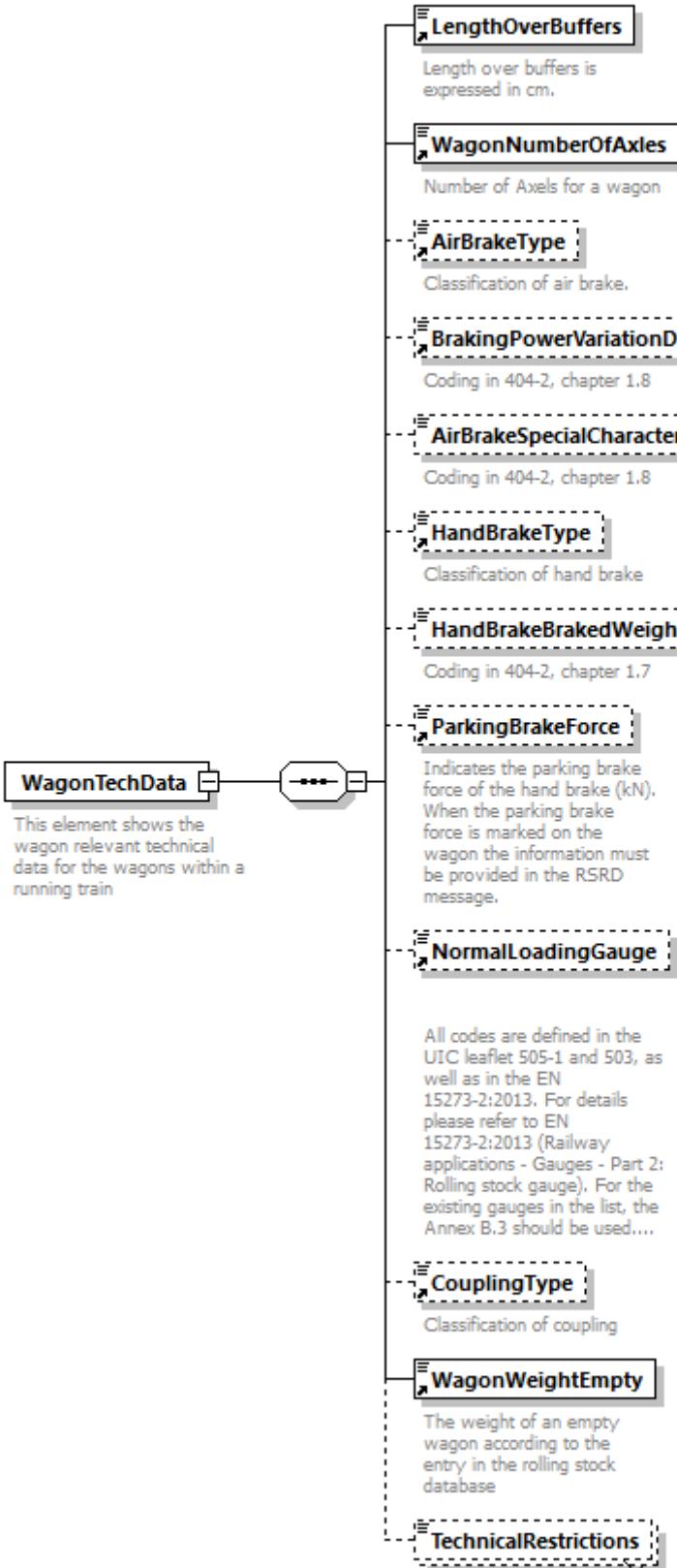
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1

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>
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element **WagonStatusMessages/WagonStatusMessage/WagonJourneyIrregularity/IsAbleToRun**

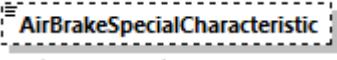
diagram	 <p>True if the damage does not cause an interruption of the transport run. False otherwise: The damage causes an interruption of the transport run (the wagon has to be repaired, the loading of the good has to be bettered, ...)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:boolean
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation</p> <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>
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**

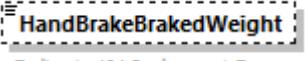
diagram	 <p>This element shows the wagon relevant technical data for the wagons within a running train</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

properties	content complex
children	LengthOverBuffers WagonNumberOfAxles ns1:AirBrakeType ns1:BrakingPowerVariationDevice AirBrakeSpecialCharacteristic ns1:HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce ns1:NormalLoadingGauge ns1: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	 AirBrakeSpecialCharacteristic Coding in 404-2, chapter 1.8
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

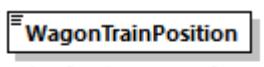
element **WagonTechData/HandBrakeBrakedWeight**

diagram	 HandBrakeBrakedWeight Coding in 404-2, chapter 1.7
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>

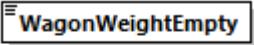
element **WagonTechData/TechnicalRestrictions**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	Numeric2-2									
properties	minOcc 0 maxOcc 6 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									
source	<pre><xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/></pre>									

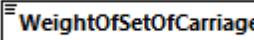
element **WagonTrainPosition**

diagram										
	<p>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:int									
properties	content simple									
used by	element WagonData									
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>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</p>									
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/3.5
type	WeightValueKilo
properties	content simple
used by	elements RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails
facets	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/3.5
type	WeightValueTonne
properties	content simple
used by	element PlannedTrainTechnicalData
facets	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**

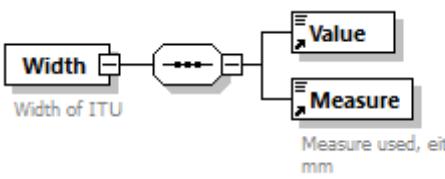
diagram	 Diameter of wheels measured in mm. Reference wheel diameter at maximum.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
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**

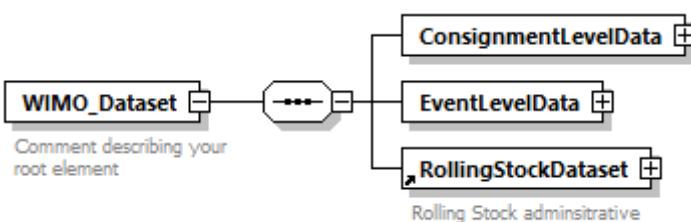
diagram	 Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:integer
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation minInclusive 1 maxInclusive 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>
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element **Width**

diagram	 <p>Width of ITU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/schemes/TAFTSI/3.5
properties	content complex
children	ConsignmentLevelData EventLevelData RollingStockDataset

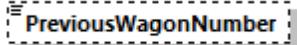
annotation	documentation Comment describing your root element
source	<pre> <xs:element name="WIMO_Dataset"> <xs:annotation> <xs:documentation>Comment describing your root element</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignmentLevelData"> <xs:complexType> <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 Customer { 1..2 Consignor or Consignee } class ConsignmentNumber { Reference number assigned to a consignment by a lead RU } class Goods { Describes the goods inside the means of transport } class AgreedTimeOfDelivery { The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer... } class Destination { Destination Location } class 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 } class ConsignmentLevelData { <>---> Customer <>---> ConsignmentNumber <>---> Goods <>---> AgreedTimeOfDelivery <>---> Destination <>---> WagonInformation <>---> ContractNumber <>---> DangerousGoodsIndication <>---> SpecialTreatments <>---> PreviousWagonNumber <>---> PreviousConsignmentNumber <>---> NextIntermediateDestination <>---> PreviousResponsibleRU <>---> NextResponsibleRU } class ContractNumber { Number of agreement between LeadRU and Responsible RU } class DangerousGoodsIndication { Identifies dangerous goods } class SpecialTreatments { Special treatment } class PreviousWagonNumber class PreviousConsignmentNumber { This element shows the previous Reference number assigned to a consignment by a lead RU } class NextIntermediateDestination { Identifies next stopping point on the route of a train } class PreviousResponsibleRU { This element identifies the RU, who was responsible for the train operation on the journey section before an interchange point } class NextResponsibleRU { The RU who is responsible for the train operation on the next journey section. } </pre> <p>The diagram illustrates the structure of the ConsignmentLevelData element. It consists of a central ConsignmentLevelData object with various attributes represented as UML classes. These attributes include Customer, ConsignmentNumber, Goods, AgreedTimeOfDelivery, Destination, WagonInformation, ContractNumber, DangerousGoodsIndication, SpecialTreatments, PreviousWagonNumber, PreviousConsignmentNumber, NextIntermediateDestination, PreviousResponsibleRU, and NextResponsibleRU. The Customer attribute is associated with the ConsignmentLevelData object via a multiplicity of 1..2, labeled "Consignor or Consignee". Other attributes are simple associations.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

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/3.5									
type	WagonIdent									
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>maxLength</td> <td>12</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9]{12}</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	12		pattern	[0-9]{12}	
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>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p> <p>This element identifies to which extent the transportation unit is used</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p> <p>Identifies a Location using a LocationIdent</p> <p>The actual arrival date and time at the defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<p>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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	<p>Identification of the Cargo and the nomenclature used</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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> graph LR Comp[CompositIdentifierOperationalType] --- Obj[ObjectType] Comp --- Comp[Company] Comp --- Core[Core] Comp --- Var[Variant] Comp --- Tim[TimetableYear] Comp --- Start[StartDate] </pre> <p>CompositIdentifierOperationalType Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p> <p>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)</p> <p>Company Identifies a railway company (RU or IM)</p> <p>Core It is the main part of identifier and is determined by the company that creates it.</p> <p>Variant The variant shows a relationship between two identifiers referring to the same business case</p> <p>TimetableYear Refers to the timetable period in which the business will be carried out</p> <p>StartDate Is only used in the operational phase and refers to the date where the single train will start the train journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> <xs:complexType name="CompositIdentifierOperationalType"> <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> <xs:sequence> <xs:element ref="ObjectType"/> <xs:element ref="Company"/> <xs:element ref="Core"/> <xs:element ref="Variant"/> <xs:element ref="TimetableYear"/> </pre>

	<pre> <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 { <<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 { <<The start of the date/time in effect>> } CompositIdentifierPlannedType "1" -- "1" :> "Object Type" ObjectType "1" -- "1" :> "Company" ObjectType "1" -- "1" :> "Core" ObjectType "1" -- "1" :> "Variant" ObjectType "1" -- "1" :> "TimetableYear" ObjectType "1" -- "1" :> "StartDate" </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers
annotation	<p>documentation</p> <p>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p>
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>

	<pre>reference.</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/3.5
type	extension of xs:string
properties	base xs:string
used by	element ConsignmentNumber -- 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/3.5
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>

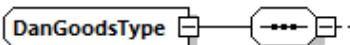
element CustomerCode/PrimaryCode

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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/3.5									
type	String1-7									
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>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>
namespace	<p>http://www.era.europa.eu/schemes/TAFTSI/3.5</p>

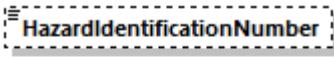
children	HazardIdentificationNumber UN Number ns1:DangerLabel RID Class ns1:PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	element DangerousGoodsIndication
annotation	documentation This element indicates the type of a dangerous load
source	<pre><xs:complexType 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>

```
<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>
```

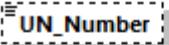
```
        <xs:documentation>Oxidizing substances</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5.2">
        <xs:annotation>
            <xs:documentation>Organic peroxides</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration 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>
<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>
--	---

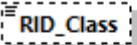
element **DanGoodsType/HazardIdentificationNumber**

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/3.5									
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/3.5
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/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

	content	simple	
facets	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>		

```
        <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>
```

```

        </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>

```

element **DanGoodsType/DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
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> <p>Length Length of ITU.</p> <p>Height Height of ITU</p> <p>Width Width of ITU</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
children	TypeOfLoadUnit LoadUnitNumber DangerousGoodsIndication
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:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre>

element **IntermodalTransportDataType/TypeOfLoadUnit**

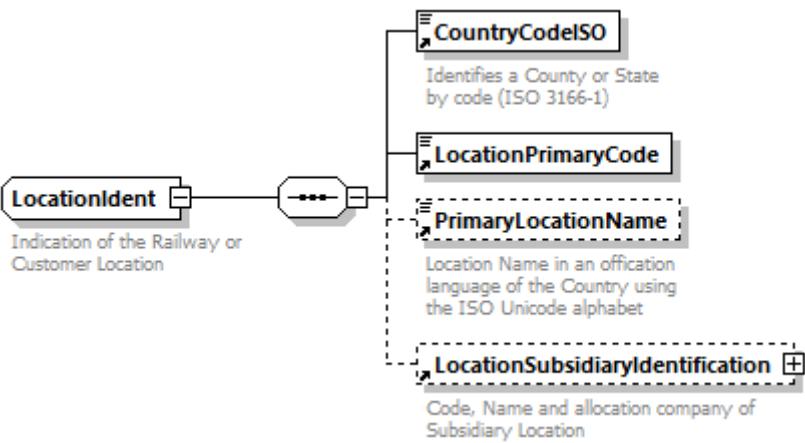
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	ns1>TypeOfLoadUnitType															
properties	content simple															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <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> </tbody> </table>	Kind	Value	Annotation	enumeration	00	documentation unknown	enumeration	01	documentation Container	enumeration	02	documentation swap bodies	enumeration	03	documentation semitrailers
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	<xs:element name="TypeOfLoadUnit" type="TypeOfLoadUnitType"/>

element **IntermodalTransportDataType/LoadUnitNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	LoadUnitNumberType
properties	content simple
facets	Kind Value Annotation whiteSpace replace pattern [A-Za-z0-9]{11}
source	<xs:element name="LoadUnitNumber" type="LoadUnitNumberType"/>

complexType **LocationIdent**

diagram	 <pre> graph LR L[LocationIdent] --- C[CountryCodeISO] L --- LPC[LocationPrimaryCode] L --- PLN[PrimaryLocationName] L --- LSID[LocationSubsidiaryIdentification] C --- C_D["Identifies a County or State by code (ISO 3166-1)"] LPC --- LPC_D["Location Name in an official language of the Country using the ISO Unicode alphabet"] PLN --- PLN_D["Code, Name and allocation company of Subsidiary Location"] LSID --- LSID_D[""] </pre> <p>Indication of the Railway or Customer Location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/DifferentAcceptance ePoint ConsignmentOrderMessage/COMS/COM/ChargingSections/End EndLocation AffectedSection/EndOfSection WagonStatusMessages/WagonStatusMessage/Event/EventLocationInformation/EventLocation IntermediateDestination JourneySectionDestination JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack NetworkProjectedLocation/NextLocation Notes/NoteLocationIdent ConsignmentOrderMessage/COMS/COM/PaymentInstructions/PaidUpTo TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo WagonStatusMessages/WagonStatusMessage/ShippingLocation

	ConsignmentOrderMessage/COMS/COM/ChargingSections/Start StartLocation AffectedSection/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"> <xs: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" /> </xs:sequence> </xs:complexType></pre>

complexType WagonTelematics

diagram	<p>The diagram illustrates the structure of the WagonTelematics complex type. It starts with a class box labeled "WagonTelematics". An association line connects it to another class box labeled "TelematicsOnBoard". From "TelematicsOnBoard", a dashed line connects to a third class box labeled "TelematicsDevice". The "TelematicsDevice" box has a multiplicity of "0..∞" below it. A callout box provides the following details:</p> <ul style="list-style-type: none"> TelematicsOnBoard: Indication if wagon is equipped with a telematics device. TelematicsDevice: Detailed information about a specific telematics device.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
children	TelematicsOnBoard TelematicsDevice
used by	element RollingStockDataset/DesignDataSet/WagonTelematics
source	<pre><xs:complexType name="WagonTelematics"> <xs: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> <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> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs: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>
```

	<pre> </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 IIIC 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> </pre>
--	--

element **WagonTelematics/TelematicsOnBoard**

diagram	 <p>Indication if wagon is equipped with a telematics device.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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> </xs:annotation> </pre>

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

element **WagonTelematics/TelematicsDevice**

diagram	<pre> classDiagram class TelematicsDevice { <<Detailed information about a specific telematics device.>> } class DeviceType { <<Specification of type of telematics device.>> } class ComponentMounted { <<Indication of the component to which the telematics unit is attached.>> } class MountedPosition { <<Indication of where the telematics unit is located on the component.>> } class ManufacturerName { <<Name of the manufacturer of the telematics device.>> } class ATEXCertified { <<Indication if the telematics device is ATEX certified.>> } class ATEXLevel { <<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.>> } TelematicsDevice "0..∞" --> DeviceType TelematicsDevice "0..∞" --> ComponentMounted TelematicsDevice "0..∞" --> MountedPosition TelematicsDevice "0..∞" --> ManufacturerName TelematicsDevice "0..∞" --> ATEXCertified TelematicsDevice "0..∞" --> ATEXLevel </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
properties	minOcc 0 maxOcc unbounded content complex
children	DeviceType ComponentMounted MountedPosition ManufacturerName ATEXCertified ATEXLevel
annotation	documentation Detailed information about a specific telematics device.
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:element> </xs:sequence> </xs:complexType> </xs:element> </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="Axele"/gt;
            <xs:enumeration value="Axele 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>
```

```

        <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>

```

element WagonTelematics/TelematicsDevice/DeviceType

diagram	 DeviceType Specification of type of telematics device.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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/3.5																																																												
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	
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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>																																																												

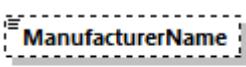
	<pre> <xs:restriction base="xs:string"> <xs:enumeration value="Superstructure"/> <xs:enumeration value="Tank"/> <xs:enumeration value="End wall"/> <xs:enumeration value="Side wall"/> <xs:enumeration value="Marking plate"/> <xs:enumeration value="Frame"/> <xs:enumeration value="Headstock"/> <xs:enumeration 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/3.5																																																
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																																																

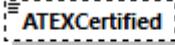
	enumeration 6 enumeration 7 enumeration 8
annotation	documentation Indication of where the telematics unit is located on the component.
source	<pre><xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Indication of where the telematics 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**

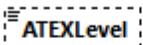
diagram	 <p>Name of the manufacturer of the telematics device.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 255
annotation	documentation Name of the manufacturer of the telematics 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>ATEXCertified</p> <p>Indication if the telematics device is ATEX certified.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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>ATEXLevel</p> <p>0..2</p> <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 IIIIC T135°C Db.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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 IIIIC 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 IIIIC T135°C Db.</xs:documentation> </xs:annotation> </xs:element></pre>

	<pre><xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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simpleType CommunicationRefID

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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/3.5
type	restriction of String4-4
properties	base String4-4
used by	<p>element</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 RU Partner ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrie

	rCode 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/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	element Customers/Country 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/3.5
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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/3.5
type	restriction of xs:string
properties	base xs:string
used by	elements 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/3.5
type	restriction of xs:string
properties	base xs:string
used by	element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device

annotation	<p>documentation</p> <p>Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device.</p> <p>The following values are defined:</p> <ul style="list-style-type: none"> 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.</pre> <p>The following values are defined:</p> <ul style="list-style-type: none"> EDT 101 MDV 100 Non coded device <pre></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/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements GoodsInWagon/ContainerNumber ITU Details/Number									
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	<p>documentation</p> <p>Number of ITU</p>									
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/3.5
type	restriction of xs:token
properties	base xs:token

used by	element	ITU Type
facets	Kind enumeration	Value cn Annotation 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/3.5		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind enumeration	Value 07	Annotation
	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/3.5		
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/3.5		
type	restriction of xs:string		
properties	base xs:string		
used by	elements ILU Details/LoadUnitNumber_IntermodalTransportDataType/LoadUnitNumber		
facets	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/3.5		
type	restriction of xs:decimal		
properties	base xs:decimal		
used by	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	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/3.5		
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/3.5		
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:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType></pre>		

	</xs:simpleType>
--	------------------

simpleType Numeric0-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
properties	base xs:integer									
used by	element RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>00</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	00		maxInclusive	99	
Kind	Value	Annotation								
minInclusive	00									
maxInclusive	99									
source	<pre><xs:simpleType name="Numeric0-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="00"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Numeric1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	<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	<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/3.5									
type	restriction of xs:int									
properties	base xs:int									
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									
source	<pre><xs:simpleType name="Numeric1-6"></pre>									

	<pre><xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType></pre>
--	---

simpleType Numeric2-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear MessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN attribute CI_InstanceNumber		
facets	Kind	Value	Annotation
	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/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements AirBrake/LoadChangeDevice/AirBrakedMassLoaded AirBrake/LoadChangeDevice/ChangeOverWeight simpleType 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/3.5		
type	restriction of xs:integer		

properties	base xs:integer
used by	elements LengthOfSetOfCarriages RollingStockDataset/DesignDataSet/LoadTable/LoadTableProduct/ProductUNCode TrainLength
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/3.5
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/3.5
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></pre>

	<pre><xs:restriction base="Numeric3-3"/> </xs:simpleType></pre>
--	---

simpleType String1-10

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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/3.5
type	restriction of xs:string
properties	base xs:string
used by	element CustomerCode/PrimaryCode
facets	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/3.5
type	restriction of xs:string
properties	base xs:string
used by	element DelayMinutes
facets	Kind Value Annotation minLength 1 maxLength 5
source	<pre><xs:simpleType name="String1-5"> <xs:restriction base="xs:string"></pre>

	<pre> <xs:minLength value="1"/> <xsmaxLength value="5"/> </xs:restriction> </xs:simpleType> </pre>
--	--

simpleType String1-7

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	element CustomerCode/AdditionalCode									
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:simpleType name="String1-7"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType String1-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	elements AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber OperationalTrainNumber									
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>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	8	
Kind	Value	Annotation								
minLength	1									
maxLength	8									
source	<pre> <xs:simpleType name="String1-8"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType String4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:string									
properties	base xs:string									
used by	simpleType CompanyCode									
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> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4	
Kind	Value	Annotation								
minLength	4									
maxLength	4									

source	<pre><xs:simpleType name="String4-4"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xsmaxLength value="4"/> </xs:restriction> </xs:simpleType></pre>
--------	---

simpleType String5-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>minLength</td> <td>5</td> <td></td> </tr> <tr> <td>maxLength</td> <td>5</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	5		maxLength	5	
Kind	Value	Annotation								
minLength	5									
maxLength	5									
source	<pre><xs:simpleType name="String5-5"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xsmaxLength value="5"/> </xs:restriction> </xs:simpleType></pre>									

simpleType String5-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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>minLength</td> <td>5</td> <td></td> </tr> <tr> <td>maxLength</td> <td>8</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	5		maxLength	8	
Kind	Value	Annotation								
minLength	5									
maxLength	8									
source	<pre><xs:simpleType name="String5-8"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xsmaxLength value="8"/> </xs:restriction> </xs:simpleType></pre>									

simpleType Time

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
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></pre>

	<pre><xs:restriction base="xs:time"/> </xs:simpleType></pre>
--	--

simpleType VolumeValue

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	xs:float
properties	base xs:float
used by	elements DangerousGoodsVolume 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/3.5
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/3.5
-----------	---

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 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/3.5
type	restriction of xs:int
properties	base xs:int
used by	elements TractionWeight TrainWeight WeightOfSetOfCarriages
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation In Tonnes
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_InstanceId

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	Numeric2-2
used by	elements Recipient Sender

facets	Kind minInclusive maxInclusive	Value 01 99	Annotation
annotation	documentation Number of a Common Interface Instance for the same Company		
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>

4. Schema **taf_cat_codelists.xsd**

Schema **taf_cat_codelists.xsd**

schema location: [taf_cat_codelists.xsd](#)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.5>

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/TAFSSI/3.5		
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"></pre>		

	<pre> <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> <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/3.5																					
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 Cast Iron Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation Disc Brake</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation K-Brake Blocks</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Cast Iron Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Composite Brake Blocks, single release brake</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation</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
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																				

	<p>L-Brake Blocks</p> <p>enumeration 6 documentation</p> <p>LL-Brake Blocks</p> <p>enumeration 9 documentation</p> <p>Unknown or non-coded information</p>
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> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <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> <xs:enumeration value="3"> <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></pre>

	<pre> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	---

element **BrakeType**

diagram	BrakeType Type of braking system.																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																
type	restriction of xs:token																																																
properties	content simple																																																
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	<pre> <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> </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>
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element **BrakingPowerVariationDevice**

diagram	<p>Coding in 404-2, chapter 1.8</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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> </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
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	<p>enumeration 8 documentation linear auto continuous device with indication of maximum braked weight</p> <p>enumeration 9 documentation non-codable variation device</p>
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> </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	 <p>Code of reason for extension</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple
facets	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></pre>

	<pre> <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:enumeration value="9"> <xs:annotation> <xs:documentation>Other causes: ...</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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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/3.5
properties	content complex
children	ns1:P1 ns1:P2 ns1:C1 ns1: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 Profile can be seen in the UIC 596-6 Leaflet. </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: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:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="C2" minOccurs="0"> </pre>

	<pre> <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>
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element **CombinedTrafficLoadProfile/P1**

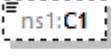
diagram	<p>ns1:P1</p> <p>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation 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**

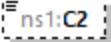
diagram	<p>ns1:P2</p> <p>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0

	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>

element **CombinedTrafficLoadProfile/C1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
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/3.5
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
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> </xs:element></pre>

element **CommercialSpecificationCode**

diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
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>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</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Carriers mandated to perform the carriage, section, status documentation</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Defined frontier stations..... (for exceptional consignments) documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)</td> </tr> </table>	Kind	Value	Annotation	enumeration	1	documentation Route ...	enumeration	2	documentation Traffic flow ...	enumeration	3	documentation	enumeration	4	Carriers mandated to perform the carriage, section, status documentation	enumeration	5	Defined frontier stations..... (for exceptional consignments) documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)
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annotation	documentation Commercial specifications code																		
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:restriction> </xs:simpleType> </xs:element></pre>																		

	<pre> </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 contract number if an electronic consignment note is used.)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderType**

diagram	<p>The diagram shows the ConsignmentOrderType element with its properties and facets. It includes a summary of the element's purpose, a list of message types it supports, and detailed descriptions of each facet's kind, value, and documentation.</p>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
type	restriction of xs:token																		
properties	content simple																		
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enumeration	INFP	documentation																	

	enumeration CANCEL	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. 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.
	enumeration ECOM	documentation Electronic consignment order message for carriers in role 3.Used for paperless transport only.
	enumeration ECOU	documentation Update message for ECOM
	enumeration ECOD	documentation Deletion message for ECOM
annotation	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.
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 </xs:documentation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

	<p>shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN) </xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="INFE"></p> <p><xs:annotation></p> <p><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></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="INFP"></p> <p><xs:annotation></p> <p><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 transport.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="CANCEL"></p> <p><xs:annotation></p> <p><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></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="DEL"></p> <p><xs:annotation></p> <p><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></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="ECTD"></p> <p><xs:annotation></p> <p><xs:documentation>Basic message type for transports accompanied by a paper consignment note message.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="EUTD"></p> <p><xs:annotation></p> <p><xs:documentation>Basic update message type for transports accompanied by a paper consignment note message</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="EDTD"></p> <p><xs:annotation></p> <p><xs:documentation>Basic deletion message type for transports accompanied by a paper consignment note message.</xs:documentation></p> <p></xs:annotation></p> <p></xs:enumeration></p> <p><xs:enumeration value="ECOM"></p> <p><xs:annotation></p> <p><xs:documentation>Electronic consignment order message for carriers in role 3.Used for paperless transport only.</xs:documentation></p>
--	--

	<pre> </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>
--	--

element **ConsignorDeclarationCode**

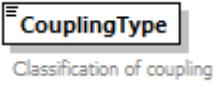
diagram																																																																																											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																																																										
type	restriction of xs:token																																																																																										
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>Consignee not-authorised to take control of the goods</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Authorised consignee (within the meaning of customs law)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Escort(s) ... [name(s), first name(s)]</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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</td> </tr> <tr> <td></td> <td></td> <td>Emergency telephone number for irregularities or accidents with dangerous goods</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Not to be passed to a substitute carrier</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Loading by the carrier</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Unloading by the carrier</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Agreed transit period: ...</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Completion of administrative formalities: ... (see CIM Article 15)</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved)</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>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</td> </tr> <tr> <td></td> <td></td> <td>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</td> </tr> </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
Kind	Value	Annotation																																																																																									
enumeration	1	documentation																																																																																									
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enumeration	15	documentation																																																																																									

	enumeration 16	If the carrier's straps are used: number of straps and abbreviation for the carrier documentation
	enumeration 17	Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.) documentation
	enumeration 18	Shipment details for port traffic: ... documentation
	enumeration 24	Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.) documentation
	enumeration 25	Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit. documentation
	enumeration 31	Wagon keeper according to article 17 AVV (Name) documentation
	enumeration 32	CH import declaration by DB Cargo documentation
	enumeration 33	CH import declaration by SBB Cargo 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></pre>	

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  <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: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">
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</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:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
    <xs:annotation>
        <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>
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</xs:enumeration>
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    <xs:annotation>
        <xs:documentation>CH import declaration by third parties</xs:documentation>
    </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
```

element **CouplingType**

diagram																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																		
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> <tr> <td>enumeration</td> <td>3</td> <td>documentation ultra-reinforced coupler greater than 85t</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation automatic coupling</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	enumeration	3	documentation ultra-reinforced coupler greater than 85t	enumeration	4	documentation automatic coupling
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> </pre>																		

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

element **CustomerType**

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
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>CR</td> <td>documentation Consignor</td> </tr> <tr> <td>enumeration</td> <td>CE</td> <td>documentation Consignee</td> </tr> <tr> <td>enumeration</td> <td>FPCR</td> <td>documentation Freight payer</td> </tr> <tr> <td>enumeration</td> <td>FPCE</td> <td>documentation Freight payer CE</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CR	documentation Consignor	enumeration	CE	documentation Consignee	enumeration	FPCR	documentation Freight payer	enumeration	FPCE	documentation Freight payer CE
Kind	Value	Annotation														
enumeration	CR	documentation Consignor														
enumeration	CE	documentation Consignee														
enumeration	FPCR	documentation Freight payer														
enumeration	FPCE	documentation Freight payer CE														
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/3.5		
type	restriction of xs:token		
properties	content simple		
facets	Kind	Value	Annotation
	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	7A	documentation
			Radioactive material, category I
	enumeration	7B	documentation
			Radioactive material, category II
	enumeration	7C	documentation
			Radioactive material, category III
	enumeration	7D	documentation
			(obsolete) should be used for general information about class 7
	enumeration	7E	documentation
			Fissile radioactive material
	enumeration	8	documentation
			Corrosive substances
	enumeration	9	documentation
			Miscellaneous dangerous substances and articles
	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	<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>  
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  <xs:restriction base="xs:token">  
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1.3</xs:documentation>  
      </xs:annotation>  
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    <xs:enumeration value="1.4">  
      <xs:annotation>  
        <xs:documentation>Explosive materials, division  
1.4</xs:documentation>  
      </xs:annotation>  
    </xs:enumeration>  
    <xs:enumeration value="1.5">  
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        <xs:documentation>Explosive materials, division  
1.5</xs:documentation>  
      </xs:annotation>  
    </xs:enumeration>  
    <xs:enumeration value="1.6">  
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        <xs:documentation>Explosive materials, division  
1.6</xs:documentation>  
      </xs:annotation>  
    </xs:enumeration>  
    <xs:enumeration value="2.1">  
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I</xs:documentation>
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II</xs:documentation>
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III</xs:documentation>
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--	---

element **EmptyPackingCode**

diagram																																																										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																									
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 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
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enumeration	18	documentation EMPTY																																																								
annotation	<p>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.</p>																																																									
source	<pre><xs:element name="EmptyPackingCode"> <xs:annotation></pre>																																																									

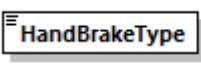
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5.4.1.1.6.2</xs:documentation>  
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ELEMENTS</xs:documentation>
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element **HandBrakeType**

diagram	 HandBrakeType Classification of hand brake
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple

facets	Kind enumeration 0 documentation enumeration 1 documentation enumeration 2 documentation	No hand brake Ground-operated hand brake Platform-operated hand brake
annotation	documentation	Classification of hand brake
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element ILU_TypeDetail

diagram	 ILU_TypeDetail
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple
facets	Kind 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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element IncotermCode

diagram																												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																											
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>documentation Carriage Insurance Paid</td> </tr> <tr> <td>enumeration</td> <td>CPT</td> <td>documentation Carriage Paid To</td> </tr> <tr> <td>enumeration</td> <td>DAF</td> <td>documentation Delivered At Frontier (deprecated in 2011-01-01)</td> </tr> <tr> <td>enumeration</td> <td>DDP</td> <td>documentation Delivered Duty Paid</td> </tr> <tr> <td>enumeration</td> <td>DDU</td> <td>documentation Delivered Duty Unpaid (deprecated in 2011-01-01)</td> </tr> <tr> <td>enumeration</td> <td>EXW</td> <td>documentation EX Works</td> </tr> <tr> <td>enumeration</td> <td>FCA</td> <td>documentation Free Carrier</td> </tr> <tr> <td>enumeration</td> <td>DAP</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIP	documentation Carriage Insurance Paid	enumeration	CPT	documentation Carriage Paid To	enumeration	DAF	documentation Delivered At Frontier (deprecated in 2011-01-01)	enumeration	DDP	documentation Delivered Duty Paid	enumeration	DDU	documentation Delivered Duty Unpaid (deprecated in 2011-01-01)	enumeration	EXW	documentation EX Works	enumeration	FCA	documentation Free Carrier	enumeration	DAP	documentation
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enumeration	EXW	documentation EX Works																										
enumeration	FCA	documentation Free Carrier																										
enumeration	DAP	documentation																										

	enumeration DAT	Delivered At Place documentation Delivered At Terminal
annotation	documentation Incoterm (given by the client)	
source		<pre> <xs:element name="IncotermCode"> <xs:annotation> <xs:documentation>Incoterm (given by the client)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIP"> <xs:annotation> <xs:documentation>Carriage Insurance Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CPT"> <xs:annotation> <xs:documentation>Carriage Paid To</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DAF"> <xs:annotation> <xs:documentation>Delivered At Frontier (deprecated in 2011-01-01)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DDP"> <xs:annotation> <xs:documentation>Delivered Duty Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DDU"> <xs:annotation> <xs:documentation>Delivered Duty Unpaid (deprecated in 2011-01-01)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="EXW"> <xs:annotation> <xs:documentation>EX Works</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FCA"> <xs:annotation> <xs:documentation>Free Carrier</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DAP"> <xs:annotation> <xs:documentation>Delivered At Place</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DAT"> <xs:annotation> <xs:documentation>Delivered At Terminal</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

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

element **InfoOnGoodsShapeTypeDanger**

diagram	 InfoOnGoodsShapeTypeDanger <p>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p>																																																																																																																																							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																																																																																																							
type	restriction of xs:token																																																																																																																																							
properties	content simple																																																																																																																																							
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		2.1 - inflammable gases																																																																																																																																						
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		7A - radioactive substance in category I packing WHITE																																																																																																																																						
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		7B - radioactive substance in category II packing YELLOW																																																																																																																																						
enumeration	73	documentation																																																																																																																																						
		7C - radioactive substance in category III packing YELLOW																																																																																																																																						

	enumeration 74	documentation 7D - Common label for radioactive substances included under 7A, 7B + 7C
	enumeration 75	documentation 7E - fissile substance
	enumeration 80	documentation 8 - corrosive substance
	enumeration 90	documentation Various dangerous substance and objects not covered by the other classes
	enumeration 96	documentation Environmentally hazardous substance (RID 5.2.1.8)
	enumeration 97	documentation More than 8 tons of dangerous goods packaged in limited quantities (LQ)
	enumeration 98	documentation Livestock
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element **InteropCapability**

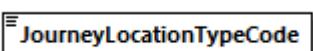
diagram	 <p>Identification of the general interoperability capability of the wagon.</p>																											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																											
type	restriction of xs:integer																											
properties	content simple																											
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																											
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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																										
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element **JourneyLocationTypeCode**

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Kind	Value	Annotation														
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enumeration	02	documentation Intermediate														
enumeration	03	documentation Destination														
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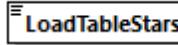
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element **LivestockOrPeopleIndicator**

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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of xs:integer									
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enumeration	1									
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element **LoadTableStars**

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type	restriction of xs:integer															
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Kind	Value	Annotation														
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enumeration	1	documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.														
enumeration	2	documentation 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.														
enumeration	3	documentation 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.														
annotation	documentation Number of load table stars.															
source	<pre> <xs:element name="LoadTableStars"> <xs:annotation> <xs:documentation>Number of load table stars.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>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.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **MessageStatus**

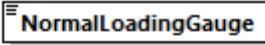
diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
type	restriction of xs:token												
properties	content simple												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td>documentation creation</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation modification</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation deletion</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation creation	enumeration	2	documentation modification	enumeration	3	documentation deletion
Kind	Value	Annotation											
enumeration	1	documentation creation											
enumeration	2	documentation modification											
enumeration	3	documentation deletion											
annotation	documentation Assigned by the Sender 1=creation, 2=modification, 3=deletion												
source	<pre><xs:element name="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=creation, 2=modification, 3=deletion</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>creation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>modification</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>deletion</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>												

element **MRN_Type**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5

type	restriction of xs:token																											
properties	content simple																											
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MRN-E</td> <td>documentation if an EXPORT declaration has been lodged</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MRN-T</td> <td>documentation if a TRANSIT declaration has been lodged</td> <td></td> </tr> <tr> <td>enumeration</td> <td>MRN-TS</td> <td>documentation if a TRANSIT declaration with SECURITY data has been lodged</td> <td></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> <td></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> <td></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	
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enumeration	MRN-ENS	documentation if the ENTRY SUMMARY declaration has been made separately by the consignor																										
annotation	<p>documentation</p> <p>Type of MRN given, CODE: CIT GLV-CIM appendix 2</p>																											
source	<pre> <xs:element name="MRN_Type"> <xs:annotation> <xs:documentation>Type of MRN given, CODE: CIT GLV-CIM appendix 2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="MRN-E"> <xs:annotation> <xs:documentation>if an EXPORT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-T"> <xs:annotation> <xs:documentation>if a TRANSIT declaration has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-TS"> <xs:annotation> <xs:documentation>if a TRANSIT declaration with SECURITY data has been lodged</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-EXS"> <xs:annotation> <xs:documentation>if the EXIT SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="MRN-ENS"> <xs:annotation> <xs:documentation>if the ENTRY SUMMARY declaration has been made separately by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>																											

element **NormalLoadingGauge**

diagram																																					
	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....																																				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																				
type	restriction of xs:token																																				
properties	content simple																																				
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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:restriction> </xs:simpleType> </xs:element> </pre>																																				

	<pre> <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 &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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											
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source	<pre> <xs:element name="PackingGroup"> <xs:annotation> <xs:documentation>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".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="I"> <xs:annotation> <xs:documentation>High danger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="II"> <xs:annotation> </pre>												

	<pre> <xs:documentation>Medium danger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="III"> <xs:annotation> <xs:documentation>Low danger</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **PrepaidcodeCarrier**

diagram	 <p>Prepaidcode (given by the railway)</p>																																																			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																			
type	restriction of xs:token																																																			
properties	content simple																																																			
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enumeration	47	documentation Delivered at place																																																		
enumeration	90	documentation not prepaid																																																		
annotation	documentation Prepaidcode (given by the railway)																																																			
source	<xs:element name="PrepaidcodeCarrier">																																																			

```
<xs:annotation>
  <xs:documentation>Prepaidcode (given by the railway)</xs:documentation>
</xs:annotation>
<xs:simpleType>
  <xs:restriction base="xs:token">
    <xs:enumeration value="10">
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      </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">
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    </xs:enumeration>
    <xs:enumeration value="16">
      <xs:annotation>
        <xs:documentation>prepaid freight up to exit border of last transit country</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="17">
      <xs:annotation>
        <xs:documentation>prepaid freight up to exit border of other countries </xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="20">
      <xs:annotation>
        <xs:documentation>prepaid all costs</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
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```

```

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</xs:annotation>
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<xs:annotation>
<xs:documentation>Delivered duty unpaid</xs:documentation>
</xs:annotation>
</xs:enumeration>
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<xs:annotation>
<xs:documentation>Carriage insurance paid </xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
<xs:annotation>
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</xs:annotation>
</xs:enumeration>
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<xs:enumeration value="90">
<xs:annotation>
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</xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

element **PrepaidCodeCustomer**

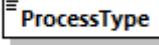
diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
type	restriction of xs:token															
properties	content simple															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <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> </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
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	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:restriction> </xs:simpleType> </xs:element></pre>	

```
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
    <xs:annotation>
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    <xs:annotation>
        <xs:documentation>prepaid freight up to exit border of other countries</xs:documentation>
    </xs:annotation>
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        <xs:documentation>prepaid all costs</xs:documentation>
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        <xs:documentation>Free carrier </xs:documentation>
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    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="44">
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        <xs:documentation>Delivered duty unpaid</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="45">
    <xs:annotation>
        <xs:documentation>Carriage insurance paid </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="46">
    <xs:annotation>
        <xs:documentation>Delivered at terminal</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="47">
    <xs:annotation>
        <xs:documentation>Delivered at place</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="90">
    <xs:annotation>
        <xs:documentation>not prepaid</xs:documentation>
    </xs:annotation>
```

	<pre> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element **ProcessType**

diagram	 <p>Business process type to further distinguish among type of requests.</p>																																				
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																				
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
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annotation	documentation Business process type to further distinguish among type of requests.																																				
source	<pre> <xs:element name="ProcessType"> <xs:annotation> <xs:documentation>Business process type to further distinguish among type of requests.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>New Path Request and allocation process for annual timetable</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Late Path Request and allocation process for </pre>																																				

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applicant)</xs:documentation>
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IM</xs:documentation>
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element **ReasonOfReference**

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properties	content simple		
facets	Kind	Value	Annotation
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	maxLength	4	
	enumeration	1000	documentation Same path offer is desired as for stated PathRequestMessage
	enumeration	1001	documentation Same path is desired as for stated train/path
	enumeration	1002	documentation Full replacement of stated previous path
	enumeration	1003	documentation Partial replacement of stated previous path
	enumeration	1004	documentation Reference to sub train of Y-train bundle
	enumeration	1005	documentation Reference to main train of Y-train bundle
	enumeration	1006	documentation Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area
	enumeration	1007	documentation Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area
	enumeration	1008	documentation Reference to further path offer for the PathRequestMessage
	enumeration	1009	documentation Reference to booked path before interruption by railway replacement traffic by bus
	enumeration	1010	documentation Reference to a PreArrangedPath
	enumeration	1011	documentation Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed
	enumeration	1012	documentation New final offer to former draft offer
	enumeration	1013	documentation Replaced path after modification by ResponsibleApplicant
	enumeration	1014	documentation New Route
	enumeration	1015	documentation Updated Route
	enumeration	5001	documentation Reference to another object on the basis of incident management in operations phase
	enumeration	DE01	documentation Reference to an associated empty/transfer train
	enumeration	DE02	documentation Reference to an associated main run
	enumeration	DE03	documentation Notice stated PathRequestMessage
	enumeration	DE04	documentation Replacement of stated train
	enumeration	DE05	documentation Reference to a reserved capacity
	enumeration	DE06	documentation Use of same OTN as of stated train
	enumeration	DE07	documentation PathID from a framework contract
annotation	documentation Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier. List of codes for element ReasonOfReference: 1000 = Same path offer is desired as for stated PathRequestMessage		

	<p>(Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same)</p> <p style="padding-left: 20px;">routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible).</p> <p style="padding-left: 20px;">RPTID: All others PathRequestIDs).</p> <p>1001 = Same path is desired as for stated train/path</p> <p style="padding-left: 20px;">(Additional information: For that path request the same (or nearly the same) routing/path elaboration/offer is desired by Responsible Applicant</p> <p style="padding-left: 20px;">(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</p> <p style="padding-left: 20px;">(Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer.</p> <p style="padding-left: 20px;">The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of</p> <p style="padding-left: 20px;">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</p> <p style="padding-left: 20px;">(Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer.</p> <p style="padding-left: 20px;">The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of</p> <p style="padding-left: 20px;">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</p> <p style="padding-left: 20px;">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</p> <p style="padding-left: 20px;">(Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for</p> <p style="padding-left: 20px;">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</p> <p style="padding-left: 20px;">(Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for</p> <p style="padding-left: 20px;">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</p> <p style="padding-left: 20px;">(Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train</p> <p style="padding-left: 20px;">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</p> <p style="padding-left: 20px;">(Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train</p> <p style="padding-left: 20px;">exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage</p> <p style="padding-left: 20px;">(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</p> <p style="padding-left: 20px;">(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</p> <p style="padding-left: 20px;">(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</p> <p style="padding-left: 20px;">(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</p> <p style="padding-left: 20px;">and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and</p> <p style="padding-left: 20px;">ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path.</p> <p>New path with new PathID for</p> <p style="padding-left: 20px;">the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer</p> <p style="padding-left: 20px;">(Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer).</p> <p style="padding-left: 20px;">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)</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> <p>DE07 = PathID from a framework contract</p>
source	<pre><xss:element name="ReasonOfReference"> <xss:annotation> <xss:documentation>Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier. 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). RPTID: All others PathRequestIDs). 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). 1002 = Full replacement of stated previous path (Additional information: The current path given in PathDetailsMessage</pre>

	<p>will replace the stated path fully after confirming the path offer.</p> <p>The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM.</p> <p>Calendar of</p> <p>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</p> <p>(Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer.</p> <p>The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of</p> <p>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</p> <p>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</p> <p>(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</p> <p>(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</p> <p>(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</p> <p>(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</p> <p>(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</p> <p>(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</p> <p>(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</p> <p>(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</p>
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	<p>(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> <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> <p>DE07 = PathID from a framework contract</p> <pre></xs:documentation> </xs:annotation> <xs: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></pre>
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path</xs:documentation>
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path</xs:documentation>
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bundle</xs:documentation>
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area</xs:documentation>
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railway replacement traffic by bus</xs:documentation>
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	<pre><xs:documentation>Reference to a PreArrangedPath</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1011"> <xs:annotation> <xs:documentation>Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1012"> <xs:annotation> <xs:documentation>New final offer to former draft offer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1013"> <xs:annotation> <xs:documentation>Replaced path after modification by ResponsibleApplicant</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1014"> <xs:annotation> <xs:documentation>New Route</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1015"> <xs:annotation> <xs:documentation>Updated Route</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5001"> <xs:annotation> <xs:documentation>Reference to another object on the basis of incident management in operations phase</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE01"> <xs:annotation> <xs:documentation>Reference to an associated empty/transfer train</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE02"> <xs:annotation> <xs:documentation>Reference to an associated main run</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE03"> <xs:annotation> <xs:documentation>Notice stated PathRequestMessage</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="DE04"></pre>
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element RefusalCode

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
type	restriction of <code>xs:integer</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 Data not authorised by Wagon Keeper</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Wagon number freight unknown</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation Data not authorised by Wagon Keeper	enumeration	2	documentation Wagon number freight unknown
Kind	Value	Annotation								
enumeration	1	documentation Data not authorised by Wagon Keeper								
enumeration	2	documentation Wagon number freight unknown								
annotation	documentation Code List Candidate									
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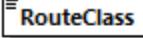
	<pre> <xs:annotation> <xs:documentation>Wagon number freight unknown</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **RollingRoadUnitType**

diagram	 <p>Type of Rolling Road unit on Wagon</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5															
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	<p>documentation Type of Rolling Road unit on Wagon</p>															
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>															

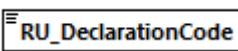
	<code></xs:simpleType></code> <code></xs:element></code>
--	---

element **RouteClass**

diagram	 RouteClass 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/3.5																																																																																	
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																																																																																	
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enumeration	B2																																																																																	
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enumeration	CM																																																																																	
enumeration	CM2																																																																																	
enumeration	CM3																																																																																	
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enumeration	E6																																																																																	
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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.</p> <p>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/3.5
type	restriction of xs:token

properties	content	simple
facets		<p>Kind enumeration Value 1 Annotation documentation Without packing</p> <p>enumeration 2 documentation Unsatisfactory packaging: ...(give details)</p> <p>enumeration 3 documentation Insufficient packaging: ... (give details)</p> <p>enumeration 4.1 documentation Goods clearly in poor condition: ... (give details)</p> <p>enumeration 4.2 documentation Goods damaged:(give details)</p> <p>enumeration 4.3 documentation Goods wet: ... (give details)</p> <p>enumeration 4.4 documentation Goods frozen: ... (give details)</p> <p>enumeration 5 documentation Loaded by the consignor</p> <p>enumeration 6 documentation Loaded by the carrier in inclement weather at the request of the consignor</p> <p>enumeration 7 documentation Unloaded by the consignee</p> <p>enumeration 8 documentation Unloaded by the carrier in ...</p> <p>enumeration 9.1 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</p> <p>enumeration 9.2 documentation</p> <p>enumeration 9.3 documentation 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</p> <p>enumeration 10 documentation inaccessible</p> <p>enumeration 11 documentation Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</p> <p>enumeration 12 documentation Examination not made because of a shortage of resources: ... (give details)</p> <p>enumeration 13 documentation Other reserves: ... (give details)</p> <p>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.</p>
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:restriction> </xs:simpleType> </xs:element></pre>

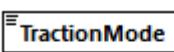
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details)</xs:documentation>
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    <xs:annotation>
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```

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reservations. This code is not included in the official CIT code list and is
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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>
---------	---

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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

	<p>enumeration 36 documentation Banking locomotive - 6th traction unit in the group</p> <p>enumeration 46 documentation Banking locomotive not coupled - 6th traction unit in the group</p> <p>enumeration 56 documentation No Leading Engine - 6th traction unit in the group</p>
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></pre>

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</xs:simpleType>
</xs:element>
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element **TractionType**

diagram	 <p>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>																																																															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																																															
type	restriction of xs:token																																																															
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facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>00</td><td></td></tr> <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>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>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> <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>30</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>33</td><td></td></tr> <tr><td>enumeration</td><td>34</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	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	
Kind	Value	Annotation																																																														
enumeration	00																																																															
enumeration	01																																																															
enumeration	02																																																															
enumeration	03																																																															
enumeration	04																																																															
enumeration	10																																																															
enumeration	11																																																															
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enumeration	20																																																															
enumeration	21																																																															
enumeration	22																																																															
enumeration	23																																																															
enumeration	24																																																															
enumeration	30																																																															
enumeration	31																																																															
enumeration	32																																																															
enumeration	33																																																															
enumeration	34																																																															
annotation	<p>documentation</p> <p>Identifies the type of a locomotive: First digit: "0" = not specified</p>																																																															

	<p>"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> <p>Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014):</p> <p>"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> <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	 The on board radio system of the train in coded format
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:token
properties	content simple
facets	Kind Value Annotation enumeration 1 enumeration 2
annotation	documentation The on board radio system of the train in coded format
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/3.5
properties	content complex
children	ns1: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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

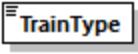
	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Will be interrupted, not yet at location</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainRunningInterruptionStatus/TrainInterrupted**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5												
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 Interrupted at location (default)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Will be interrupted, not yet at location</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Not Interrupted	enumeration	1	documentation Interrupted at location (default)	enumeration	2	documentation Will be interrupted, not yet at location
Kind	Value	Annotation											
enumeration	0	documentation Not Interrupted											
enumeration	1	documentation Interrupted at location (default)											
enumeration	2	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> </pre>												

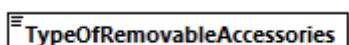
	<code></xs:element></code>
--	----------------------------------

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/3.5																								
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> <tr> <td>enumeration</td> <td>2</td> <td>documentation Freight train</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation Light engine (locomotive train)</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Engineering train</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation Emergency train</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Mixed train (passenger and freight train in combination)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation Other train	enumeration	1	documentation Passenger train	enumeration	2	documentation Freight train	enumeration	3	documentation Light engine (locomotive train)	enumeration	4	documentation Engineering train	enumeration	5	documentation Emergency train	enumeration	6	documentation Mixed train (passenger and freight train in combination)
Kind	Value	Annotation																							
enumeration	0	documentation Other train																							
enumeration	1	documentation Passenger train																							
enumeration	2	documentation Freight train																							
enumeration	3	documentation Light engine (locomotive train)																							
enumeration	4	documentation Engineering train																							
enumeration	5	documentation Emergency train																							
enumeration	6	documentation Mixed train (passenger and freight train in combination)																							
annotation	<p>documentation</p> <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>																								
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:element> </pre>																								

	<p>meaning.</p> <pre> </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: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/3.5
type	restriction of xs:token

properties	content	simple	
facets	Kind enumeration	Value 01	Annotation documentation
	enumeration	Value 02	Removable stanchion documentation
	enumeration	Value 03	Removable side flap of flat wagon documentation
	enumeration	Value 04	Removable end flap of flat wagon documentation
	enumeration	Value 05	Removable side rail documentation
	enumeration	Value 06	Removable intermediate upright for securing the load documentation
	enumeration	Value 07	Stanchion chain documentation
	enumeration	Value 08	Removable handle and wheel for winch on car-carrying wagon documentation
	enumeration	Value 09	Swivelling bolster (with stanchions) documentation
	enumeration	Value 10	Coupling rod (rigid coupling) documentation
	enumeration	Value 11	Ice bunker documentation
	enumeration	Value 12	Ice bunker screen documentation
	enumeration	Value 13	Ice bunker frame documentation
	enumeration	Value 14	Trestle or bar with hooks for hanging meat documentation
	enumeration	Value 15	Movable cross-member of wagon with low loading plane documentation
	enumeration	Value 16	Removable support documentation
	enumeration	Value 17	Mooring cross-member on wagon for special loads documentation
	enumeration	Value 18	Movable floor panel on wagon for special loads documentation
	enumeration	Value 19	Scotch documentation
	enumeration	Value 20	Skid bar with or without shoes on car-carrying wagon documentation
	enumeration	Value 21	Mooring strap on car-carrying wagon documentation
	enumeration	Value 22	Beam for movable ramp on car-carrying wagon documentation
	enumeration	Value 23	Spare heating half-coupling documentation
	enumeration	Value 24	Fire extinguisher documentation
	enumeration	Value 25	Wheel scotches (for cars) on car-carrying wagon documentation
	enumeration	Value 26	Gangway loading ramp on car-carrying wagon documentation
	enumeration	Value 27	Metal cradles for rolls of metal sheeting documentation
	enumeration	Value 28	Panel for covering markings documentation
	enumeration	Value 29	Loading frame for special types of goods documentation
	enumeration	Value 99	Headstock for "rolling roads" documentation
			Other wagon accessories

annotation	documentation Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13
source	<pre> <xs:element name="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920- 13</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="01"> <xs:annotation> <xs:documentation>Removable stanchion</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="02"> <xs:annotation> <xs:documentation>Removable side flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="03"> <xs:annotation> <xs:documentation>Removable end flap of flat wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="04"> <xs:annotation> <xs:documentation>Removable side rail</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Removable intermediate upright for securing the load</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>Stanchion chain</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation>Removable handle and wheel for winch on car- carrying wagon</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation>Swivelling bolster (with stanchions)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="09"> </pre>

```
<xs:annotation>
  <xs:documentation>Coupling rod (rigid coupling)</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Ice bunker</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Ice bunker screen</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Ice bunker frame</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Trestle or bar with hooks for hanging meat</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Movable cross-member of wagon with low loading plane</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>Removable support</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Mooring cross-member on wagon for special loads</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>Movable floor panel on wagon for special loads</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Scotch</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>Skid bar with or without shoes on car-carrying wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
```

```
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Mooring strap on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>Beam for movable ramp on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>Spare heating half-coupling</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>Fire extinguisher</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>Wheel scotches (for cars) on car-carrying
wagon</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>Gangway loading ramp on car-carrying
wagon</xs:documentation>
  </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">
```

	<pre> <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/3.5															
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 electric (pantograph, conductor rail)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation liquid fuel (benzine, diesel, gasoline)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation battery</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation 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	<pre> <xs:element name="TypeOfUsedHybridPowerunit"> <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> </pre>															

	<pre> <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/3.5															
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>Automatic</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Bogie/axle change</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1	documentation			Automatic	enumeration	2	documentation			Bogie/axle change
Kind	Value	Annotation														
enumeration	1	documentation														
		Automatic														
enumeration	2	documentation														
		Bogie/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> <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/3.5						
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>CIM</td> <td>documentation</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	CIM	documentation
Kind	Value	Annotation					
enumeration	CIM	documentation					

	CIM enumeration	Other	Convention Internationale Marchandises (OTIF)	Source: CIM (OTIF)
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/3.5			
type	restriction of xs:token			
properties	base xs:token			
facets	Kind enumeration	Value 11	Annotation 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 documentation
	enumeration 32	Speed restrictions due to defective track documentation
	enumeration 39	Other causes related to Civil engineering documentation
	enumeration 40	Delay caused by next IM documentation
	enumeration 41	Delay caused by previous IM documentation
	enumeration 50	exceeding the stop time documentation
	enumeration 51	Request of the RU documentation
	enumeration 52	Loading operations documentation
	enumeration 53	Loading irregularities documentation
	enumeration 54	Commercial preparation of the train documentation
	enumeration 58	Staff documentation
	enumeration 59	Other causes related to commercial causes documentation
	enumeration 60	Roster planning/re-rostering documentation
	enumeration 61	Formation of trains by the RU documentation
	enumeration 62	Problems affecting coaches documentation
	enumeration 63	Problems affecting wagons documentation
	enumeration 64	Problems affecting traction units documentation
	enumeration 68	Staff documentation
	enumeration 69	Other causes related to Rolling Stock documentation
	enumeration 70	Delay caused by next RU documentation
	enumeration 71	Delay caused by previous RU documentation
	enumeration 80	Strike documentation
	enumeration 81	Administrative formalites 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 documentation Further investigation needed
annotation	documentation Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.
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simpleType InfoIndex

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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	documentation indicates additional information												
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simpleType MessageCode

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properties	base xs:integer									
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Kind	Value	Annotation								
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maxInclusive	9999									
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simpleType RestrictionCodes

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																														
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>documentation F - Shunt only when hand brake operable with ground staff</td> </tr> <tr> <td>enumeration</td> <td>08</td> <td>documentation F - Tank wagon loaded with liquid</td> </tr> <tr> <td>enumeration</td> <td>09</td> <td>documentation F - Wagon loaded with people</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation F - 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>enumeration</td> <td>13</td> <td>documentation F - Bogie wagon with distance between wheels of more than 17,50 metres</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>documentation F - Wagon not allowed over the hump</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>documentation F - Do not fly shunt or gravity shunt (3 red triangles)</td> </tr> <tr> <td>enumeration</td> <td>18</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 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
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enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)																													
enumeration	18	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 42	F - Place this wagon at the rear of the train documentation
	enumeration 50	F (+P) - Speed restriction documentation
	enumeration 52	F (+F) - Diesel locomotive instead of electric locomotive documentation
	enumeration 61	F - Wagon forming part of a consignment of several wagons documentation
	enumeration 62	F - Wagon forming part of a group of wagons from which it must not be separated documentation
	enumeration 63	F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one documentation
	enumeration 68	F - First or last wagon of a wagon group from which it must not be separated documentation
	enumeration 70	F - Shunt with care (1 red triangle) documentation
	enumeration 71	F - Shunt with special care (2 red triangle) documentation
	enumeration 90	P - Train planned with passengers operated without passengers documentation
	enumeration 91	P - Train planned without passengers operated with passengers documentation
	enumeration 92	P - Train planned with hauled rolling stock and operated without any coaches (light engine) documentation
	enumeration 94	F - Gas carrying wagon without orange side stripe documentation
	enumeration 99	P - Other documentation
annotation	documentation	All codes of Transport
	restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.	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		
08	F	Tank wagon loaded with liquid	x	x
09	F	Wagon loaded with people	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		
15	F	Wagon not allowed over the hump	x	
16	F	Do not fly shunt or gravity shunt (3 red triangles)	x x x	x x
18	F	Must not use active braking equipment	x	x
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	

			x
36	P (+F)	Radio fault	
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	x x Place this wagon at the rear of the train	
50	x P (+F)	x x Speed restriction	
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
63	F (+P) planned one	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the x x x	
68	F	First or last wagon of a wagon group from which it must not be separated	
70	F	Shunt with care (1 red triangle)	x
71	F	Shunt with special care (2 red triangle)	x x x
90	x P	x x Train planned with passengers operated without passengers	
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	x F	x Gas carrying wagon without orange side stripe	

	99	P	Other	x
		x		x
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	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
	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
	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)
31	P (+F) Braking system fault
32	P (+F) Wheelset, bogie fault
33	P (+F) Headlighting or back lighting fault
34	P (+F) Front glass broken
35	P (+F) Horn fault
36	P (+F) Radio fault
37	P (+F) Energy supply fault
38	P (+F) Traction or motor fault
39	P Access door fault
41	F Place this wagon at the front of the train
42	F Place this wagon at the rear of the train
50	P (+F) Speed restriction
52	P (+F) Diesel locomotive instead of electric locomotive


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<xs:documentation>F - Wagon forming part of a group of wagons from
which it must not be separated</xs:documentation>
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which it must not be separated</xs:documentation>
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triangle)</xs:documentation>
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passengers</xs:documentation>
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	<pre> <xs:enumeration value="92"> <xs:annotation> <xs:documentation>P - Train planned with hauled rolling stock and operated without any coaches (light engine)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="94"> <xs:annotation> <xs:documentation>F - Gas carrying wagon without orange side stripe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="99"> <xs:annotation> <xs:documentation>P - Other</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>
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simpleType RunningStatus

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properties	base xs:token		
facets	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 (HLR)
	enumeration	15	documentation Wagon run-through at reporting point by train
	enumeration	16	documentation Wagon parked at reporting point (MAD)

	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"> <xs:annotation> <xs:documentation>Intermediate departure</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="05"> <xs:annotation> <xs:documentation>Pass through</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="06"> <xs:annotation> <xs:documentation>NEW CODES: Some IMs are transmitting these codes (6 - 9)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="07"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:enumeration> <xs:enumeration value="08"> <xs:annotation> <xs:documentation/> </xs:annotation> </xs:enumeration></pre>

```
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            Wagon arrival at reporting point by train
        </xs:documentation>
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</xs:enumeration>
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    <xs:annotation>
        <xs:documentation>Wagon shunted at reporting point</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
    <xs:annotation>
        <xs:documentation>Wagon arrived at reporting point</xs:documentation>
    </xs:annotation>
</xs:enumeration>
```

	<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>Wagon departure from reporting point</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>
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simpleType **TrainCC_SystemCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
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	
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	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 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 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 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 </pre>

	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"/> <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"/>
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</xs:simpleType>

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simpleType TypeOfIMHarmonizationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5									
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	<p>documentation</p> <p>Enumeration of Type of IM harmonization: Full, Part</p>									
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/3.5		
type	restriction of xs:integer		
properties	base xs:integer		
facets	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 final offer
	enumeration	17	documentation final offer - accepted
	enumeration	18	documentation alternative offer accepted
	enumeration	19	documentation pre-accepted offer
	enumeration	20	documentation Final Offer rejected
	enumeration	21	documentation no alternative available
	enumeration	22	documentation booked
	enumeration	23	documentation preparation of draft alternative offer is in progress
	enumeration	24	documentation alternative offer triggered by IM
	enumeration	25	documentation offer/final offer rejected (without revision)
	enumeration	26	documentation alternative offer rejected (without revision)
	enumeration	27	documentation

		offer/final offer rejected (revision required) documentation alternative offer rejected (revision required) documentation withdrawal documentation Create Dossier documentation Close Dossier documentation Path canceled full documentation Path canceled partial documentation Fully Assembled Path (FAP, constructed path) documentation Preparation of draft offer – accepted documentation Preparation of draft offer – rejected documentation Draft offer rejected documentation Draft no alternative available documentation activate path (utilisation notification) documentation deactivate path (utilisation notification) documentation confirmation of utilisation notification documentation Path and train cancelled documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) 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
source		<pre> <xs:simpleType name="TypeOfInformationCode"> <xs:annotation> <xs:documentation>Enumeration indicating to which process step / process type in the planning does the message belong</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:maxInclusive value="99"/> <xs:minInclusive value="0"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>harmonisation - in process</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>harmonisation - accepted</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>harmonisation - rejected</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>

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  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
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capacity</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
  <xs:annotation>
    <xs:documentation>create offer</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </xs:annotation>
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process</xs:documentation>
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accepted</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  </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="23">
  <xs:annotation>
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  </xs:annotation>
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<xs:enumeration value="24">
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    <xs:documentation>alternative offer triggered by IM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
  <xs:annotation>
    <xs:documentation>offer/final offer rejected (without revision)</xs:documentation>
  </xs:annotation>
```

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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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</xs:annotation>
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<xs:annotation>
<xs:documentation>confirmation of utilisation notification</xs:documentation>
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</xs:simpleType>

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simpleType **TypeOfLoadUnitType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
-----------	---

type	restriction of xs:token																																	
properties	base xs:token																																	
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>00</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>unknown</td> </tr> <tr> <td>enumeration</td> <td>01</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Container</td> </tr> <tr> <td>enumeration</td> <td>02</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>swap bodies</td> </tr> <tr> <td>enumeration</td> <td>03</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>semitrailers</td> </tr> <tr> <td>enumeration</td> <td>04</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>truck</td> </tr> </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:enumeration value="04"> <xs:annotation> <xs:documentation>truck</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre>																																	

simpleType TypeOfRequestCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5
type	restriction of xs:short
properties	base xs:short

	facets	Kind minInclusive enumeration enumeration enumeration	Value 1 1 2 3	Annotation documentation Study documentation Request documentation Modification
	annotation	documentation Enumeration for the 3 different basic types of the planning processes types in the planning: Study (1), Request (2), Modification (3)		
	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/3.5		
	type	restriction of xs:string		
	properties	base xs:string		
	facets	Kind enumeration enumeration enumeration	Value Full Part None	Annotation
	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"></pre>		

	<pre> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> <xs:enumeration value="None"/> </xs:restriction> </xs:simpleType> </pre>
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simpleType UnitType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																													
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>1</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation Other intermodal traffic</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation Rolling road (RR)</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation Semi-trailer on bogies</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation Container less than 20'</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation Container 20'</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation Container 30'</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation Container 40'</td> </tr> <tr> <td>enumeration</td> <td>40</td> <td>documentation Semi-trailer truck/articulated lorry</td> </tr> <tr> <td>enumeration</td> <td>41</td> <td>documentation Road tractor</td> </tr> <tr> <td>enumeration</td> <td>42</td> <td>documentation Lorry without trailer</td> </tr> <tr> <td>enumeration</td> <td>43</td> <td>documentation Lorry with trailer</td> </tr> <tr> <td>enumeration</td> <td>50</td> <td>documentation Semi-trailer/road semi-trailer</td> </tr> <tr> <td>enumeration</td> <td>51</td> <td>documentation Swap bodies</td> </tr> </tbody> </table>	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
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attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5		
type	restriction of xs:token		
facets	Kind	Value	Annotation
	enumeration	0	documentation Not Defined
			documentation not used
	enumeration	1	documentation Track
			documentation The track is a uniquely defined part of location
	enumeration	2	documentation Private Siding
			documentation Tracks are not for open access
	enumeration	3	documentation Border Point Code
			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"
	enumeration	4	documentation Sorting Code
			documentation Destination station of the wagon has a code in order to provide shunting technology.
	enumeration	5	documentation Vehicle Parking Points
			documentation All points (tracks)
	enumeration	6	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
	enumeration	7	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
	enumeration	8	documentation IM Path Tariff Point
			documentation Price Segment change between two IM Networks.
	enumeration	9	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
	enumeration 22	Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well. documentation Level crossing documentation
	enumeration 23	Place where rail and road crossing in level. on the same level (grade) documentation Bridge documentation
	enumeration 24	Special built structure is over the road documentation Tunnel documentation
	enumeration 25	Structure to allow a railway line to pass under the surface. documentation Underpass documentation

	enumeration 26	Undercrossing or underground passage under the railway track. (Not used by trains) 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 A sign 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 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 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
	enumeration 37	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 documentation
	enumeration 40	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 documentation		
	enumeration 42	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	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	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	Sewage dump Place for cleaning purposes - disposal of the waste		
	enumeration 46	Refuelling Point Location where refuelling takes place		
	enumeration 47	Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating		
	enumeration 48	Water Supply Location where water supply can be provided for the rolling stock		
	enumeration 49	Compressed plant Train on a track with motion stabled with external air supply for braking systems		
	enumeration 50	Indoor cleaning platform Cleaning point - interior		
	enumeration 51	Car-wash plant Cleaning point -outdoor		
	enumeration 52	Short dry-cleaning track Cleaning point		

	enumeration 53	documentation	Pollution protective plate floor that avoids pollution of the earth below	Track where
	enumeration 54	documentation	Sand-filling station filled	Location where sand is
	enumeration 55	documentation	train/wagon/engine can be repaired	Repair track Location where a
	enumeration 56	documentation	containing signalling equipment	Signal box The location of a building
	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	Location code used within OSJD	Train Service Substitute Stop
		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.	
	enumeration 60	documentation	Multifunctional rail terminal documentation	Multifunctional rail terminal
		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.	
	enumeration 61	documentation	Relief facility documentation	Relief facility
		documentation	Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.	
	enumeration 66	documentation	Location ENEE Code	Location ENEE Code
		documentation	Legacy ENEE code of the parent primary location. Different coding of primary location.	
	enumeration 70	documentation	Network Border	Network Border
		documentation	Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.	
	enumeration 71	documentation	State border	State border
		documentation	Political border between two member states. Attribute of primary location.	
	enumeration 72	documentation		

		<p>Administrative border documentation</p> <p>Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location.</p> <p>documentation</p> <p>Operational handover documentation</p> <p>Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location.</p> <p>documentation</p> <p>Planning handover documentation</p> <p>Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location.</p> <p>documentation</p> <p>Other technical facility documentation</p> <p>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.</p> <p>enumeration 74</p> <p>enumeration 75</p> <p>enumeration 76</p> <p>enumeration 90</p> <p>enumeration 99</p> <p>Test Loc documentation</p> <p>Relation to Station documentation</p> <p>An indicator used to show that this location is a subsidiary of another location.</p>
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```

```
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	<pre><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> <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></pre>
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<pre> <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> <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> </pre>

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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>
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location.</xs:documentation>
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Attribute of primary location.</xs:documentation>
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    <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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	<pre> </xs:enumeration> <xs:enumeration value="74"> <xs:annotation> <xs:documentation>Operational handover</xs:documentation> <xs:documentation>Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="75"> <xs:annotation> <xs:documentation>Planning handover</xs:documentation> <xs:documentation>Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="76"> <xs:annotation> <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> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:attribute></pre>
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attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.5																																			
type	restriction of xs:token																																			
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PLA</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Public Location Arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PLD</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Public Location Departure</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ELA</td> <td>documentation</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Earliest Location Arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ELD</td> <td>documentation</td> <td></td> </tr> </table>				Kind	Value	Annotation		enumeration	PLA	documentation				Public Location Arrival		enumeration	PLD	documentation				Public Location Departure		enumeration	ELA	documentation				Earliest Location Arrival		enumeration	ELD	documentation	
Kind	Value	Annotation																																		
enumeration	PLA	documentation																																		
		Public Location Arrival																																		
enumeration	PLD	documentation																																		
		Public Location Departure																																		
enumeration	ELA	documentation																																		
		Earliest Location Arrival																																		
enumeration	ELD	documentation																																		

	<p>enumeration LLA Earliest Location Departure documentation</p> <p>enumeration LLD Latest Location Arrival documentation</p> <p>enumeration ALA Latest Location Departure documentation</p> <p>enumeration ALD Actual Location Arival documentation</p> <p>enumeration ELD Actual Location Departure documentation</p> <p>enumeration ERT Earliest Run Through documentation</p> <p>enumeration ART Actual Run Through documentation</p> <p>enumeration LRT Latest Run Through</p>
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