

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

Version	Date	Comments
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
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3.1.0	15.12.2021	Validated by the ERA TAF CCB on 24.11.2021
3.2.0	15.06.2022	Validated by the ERA TAF CCB on 01.06.2022

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Application:

With effect from 08 March 2012.

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

1. Summary

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

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

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

The TAF TSI data catalogue is split into two documents:

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

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

2. Schema taf_cat_complete.xsd

schema location: [C:\Users\jugeist\OneDrive - European Union Agency for Railways \(ERA\)\Documents\Projects\TAF-TSI\taf_cat_complete.xsd](C:\Users\jugeist\OneDrive - European Union Agency for Railways (ERA)\Documents\Projects\TAF-TSI\taf_cat_complete.xsd)

attributeFormDefault: **unqualified**

elementFormDefault: **qualified**

targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.2>

Elements	Complex types	Simple types	Attributes
ActualEndTime	CargoCodeType	CommunicationRefID	CI_InstanceNumber
ActualETA	CompositeIdentifierOperationalType	CompanyCode	
ActualETI	CompositeIdentifierPlannedType	CountryIdentISO	
AdditionalInstruction	ConsignmentIdent	DeltaTime	
Address	CustomerCode	DerailmentDetectionDevice	
AdministrativeContactInformation	DanGoodsType	EquipmentNumberType	
AffectedSection	DimensionValue	EquipmentTypeType	
AgainstBooked	LocationIdent	ForwardingRestrictionType	
AgainstReferenced	TrainActivityType	FreeText	
AgreedTimeOfDelivery	ValidityPeriod	LoadUnitNumberType	
AirBrake	WagonTelematics	Name	
AirBrakedMass		NHMCodeType	

AlertMessage	Numeric1-5
AllocationCompany	Numeric1-6
Altitude	Numeric2-2
ArrivalAtDestination	Numeric3-3
ArrivalInterchangeReport	Numeric4-4
ArrivalTimeAtDestination	Percentage
ArrivalTimeAtLocation	Speed
ArrivalTimeAtLocationActual	String1-10
ArrivalTrackAtLocation	String1-14
AssociatedAttachedOTN	String1-5
AssociatedAttachedTimingAtLocation	String1-7
AssociatedAttachedTrainID	String1-8
AssociatedAttachedTrainServiceNumber	String4-4
BitmapDays	String5-5
BogiePitch	String5-8
BogieWagonsOnly	Time
BookedLocationDateTime	VolumeValue
BookedLocationTime	WagonIdent
BrakeWeight	WeightValueKilo
BrakingRatio	WeightValueTonne
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](#)
[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](#)[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](#)[LocationValidityPeriod](#)[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](#)
[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](#)
[RelatedIdentifier](#)
[RelatedPlannedTransportIdentifiers](#)
[RelatedReference](#)
[RelatedSenderReference](#)
[RelatedTransportOperationalIdentifiers](#)
[Remarks](#)
[RequestedCalendar](#)
[RequestedPeriod](#)
[RequestedTimeframe](#)
[ResponsibilityActualSection](#)
[ResponsibilityNextSection](#)
[ResponsibleApplicant](#)
[ResponsibleIM](#)
[ResponsibleRU](#)
[RestrictionsDueToLoadOrDamage](#)
[RevisedRequest](#)
[RID](#)
[RollingRoadUnit](#)
[RollingStockDataset](#)
[RollingStockDatasetMessage](#)
[RollingStockDatasetQueryMessage](#)
[RouteInformation](#)
[Routing](#)
[RP Code](#)
[RU Partner](#)

[ScheduledDateTimeAtTransfer](#)
[ScheduledTimeAtHandover](#)
[ScheduledTimeAtLocation](#)
[Seals](#)
[Sender](#)
[SenderReference](#)
[Ship](#)
[SpecialTreatments](#)
[SRID](#)
[StartDate](#)
[StartDateTime](#)
[StartLocation](#)
[Station](#)
[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](#)

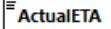
[TrainReadyStatus](#)
[TrainRunningData](#)
[TrainRunningForecastMessage](#)
[TrainRunningInformationMessage](#)
[TrainRunningInterruptionMessage](#)
[TrainRunningTechData](#)
[TrainStartTime](#)
[TrainWeight](#)
[TransfereeIM](#)
[TransferPoint](#)
[TransportInstruction](#)
[TransportOperationalIdentifiers](#)
[TypeOfIMHarmonization](#)
[TypeOfInformation](#)
[TypeOfRequest](#)
[TypeOfRUHarmonization](#)
[TypeofService](#)
[UltimateDestinationCountry](#)
[UN_Number](#)
[ValidityPeriod](#)
[Value](#)
[Variant](#)
[VesselIndication](#)
[VesselName](#)
[Volume](#)
[WagonArrivalNoticeMessage](#)
[WagonAtDeparture](#)
[WagonData](#)
[WagonDeliveryNoticeMessage](#)
[WagonDepartureNoticeMessage](#)
[WagonDeviationMessage](#)
[WagonETI ETA Message](#)
[WagonEventInformation](#)
[WagonExceptionMessage](#)
[WagonExceptionReasonMessage](#)
[WagonExceptionReport](#)
[WagonInformation](#)
[WagonLength](#)
[WagonLocationStatus](#)
[WagonMaxSpeed](#)
[WagonNumberFreight](#)
[WagonNumberOfAxles](#)
[WagonOperationalData](#)
[WagonPickupAtOrigin](#)
[WagonReleaseNoticeMessage](#)
[Wagons](#)
[WagonTechData](#)
[WagonTrainPosition](#)

[WagonWeightEmpty](#)
[WagonYardArrivalMessage](#)
[WagonYardDepartureMessage](#)
[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/3.2
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/3.2
type	xs:dateTime
properties	content simple
used by	element <u>AlertMessage</u>
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>

	<pre>siding.</xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **ActualETI**

diagram	ActualETI Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
used by	element WagonDeviationMessage
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<pre><xs:element name="ActualETI" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point</xs:documentation> </xs:annotation> </xs:element></pre>

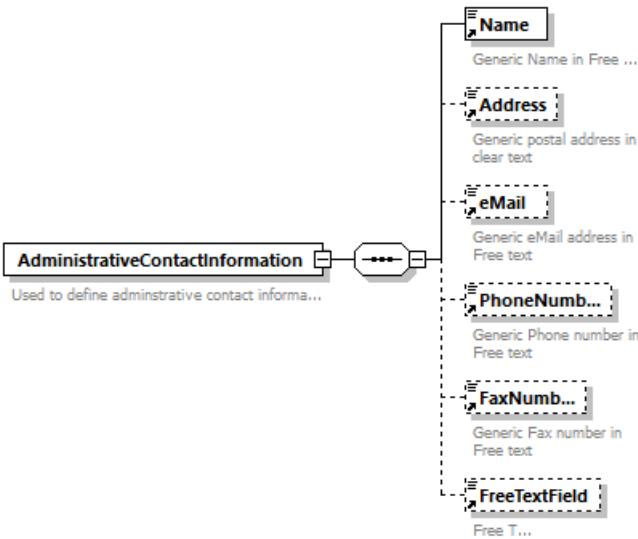
element **AdditionalInstruction**

diagram	AdditionalInstruction Additional instructions regarding the wagon or shipment in free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
facets	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>

element **Address**

diagram	 Generic postal address in clear text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
used by	element AdministrativeContactInformation
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic postal address in clear text
source	<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	 <p>Used to define administrative contact information</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Name Address eMail PhoneNumber FaxNumber FreeTextField
used by	elements Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage
annotation	documentation Used to define administrative contact information
source	<pre><xs:element name="AdministrativeContactInformation"> <xs:annotation> <xs:documentation>Used to define administrative contact information</xs:documentation> </xs:annotation> </xs:element></pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="Name" /> <xs:element ref="Address" minOccurs="0" /> <xs:element ref="eMail" minOccurs="0" /> <xs:element ref="PhoneNumber" minOccurs="0" /> <xs:element ref="FaxNumber" minOccurs="0" /> <xs:element ref="FreeTextField" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **AffectedSection**

diagram	<p>The diagram illustrates the structure of the AffectedSection element. It consists of a central AffectedSection node connected to four other nodes via dashed lines: StartOfSection, EndOfSection, OperationalTrainNumberIdentifier, and PlannedCalendar. The OperationalTrainNumberIdentifier and PlannedCalendar nodes are enclosed in a dashed box. Below the PlannedCalendar node, there is a multiplicity indicator 0..∞. A note below the PlannedCalendar node states: "This is the calendar item for path request/path details messages - used in planning phase". Another note below the NetworkSpecificParameter node states: "The usage of this element must be specified in national rules and has to be defined by each IM".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	StartOfSection EndOfSection OperationalTrainNumberIdentifier PlannedCalendar NetworkSpecificParameter
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage ReceiptConfirmationMessage
annotation	<p>documentation</p> <p>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</p>
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:sequence> <xs:element ref="BookedLocationDateTime" minOccurs="0" /> <xs:element ref="BookedLocationTime" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </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>
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element **AffectedSection/StartOfSection**

diagram	<pre> classDiagram class StartOfSection { <<LocationIdent extension>> CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xs:element name="StartOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element ref="BookedLocationTime" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>
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element **AffectedSection/EndOfSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime BookedLocationTime
source	<pre> <xs:element name="EndOfSection"> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"> <xs:sequence minOccurs="0"> <xs:element ref="BookedLocationDateTime" /> <xs:element ref="BookedLocationTime" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **AgainstBooked**

diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
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	AgainstReferenced Delay compared to the referenced Date/...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	AgreedTimeOfDelivery The requested Date and Time for the delivery of a wagon/Shipment or Intermodal units at customer sidings
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>
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element **AirBrake**

diagram	<pre> classDiagram class AirBrake class NumberOfBrakes class BrakeSystem class AirBrakeType class BrakingPowerVariationDevice class AirBrakedMass class LoadChangeDevice class BrakeSpecialCharacteristics AirBrake --> NumberOfBrakes : Characteristics of Air Bra... AirBrake --> BrakeSystem : AirBrake --> AirBrakeType : AirBrake --> BrakingPowerVariationDevice : AirBrake --> AirBrakedMass : AirBrake --> LoadChangeDevice : AirBrake --> BrakeSpecialCharacteristics : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	NumberOfBrakes BrakeSystem AirBrakeType BrakingPowerVariationDevice AirBrakedMass LoadChangeDevice BrakeSpecialCharacteristics
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Characteristics of Air Brakes

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

diagram	<p>Diagram showing the NumberOfBrakes element. It is a rounded rectangle with a double border. Inside, there is a smaller rounded rectangle containing the text "Number of air bra...".</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	<p>Diagram showing the BrakeSystem element. It is a dashed rounded rectangle with a double border. Inside, there is a smaller rounded rectangle containing the text "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>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
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> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

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

element **AirBrake/LoadChangeDevice**

diagram	<pre> sequenceDiagram participant L as LoadChangeDev... participant C as ChangeOverWeig... participant A as AirBrakedMassLoad... L->>C: activate C C-->>A: deactivate C activate A A-->>L: deactivate A deactivate L </pre> <p>Specific weights for change over air brake systems</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc unbounded content complex
children	ChangeOverWeight AirBrakedMassLoaded
annotation	<p>documentation</p> <p>Specific weights for change over air brake systems</p>
source	<pre> <xs:element name="LoadChangeDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Specific weights for change over air brake systems</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AirBrakedMassLoaded" type="Numeric3-3"> <xs:annotation> <xs:documentation>Braked weight in tonns loaded for change over weight</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

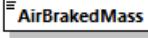
diagram	<pre> classDiagram participant C as ChangeOverWeig... C </pre> <p>Change over weight of braked weight in tonns variation device</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric3-3
properties	content simple

facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Change over weight of braked weight in tonns variation device
source	<xs:element name="ChangeOverWeight" type="Numeric3-3"> <xs:annotation> <xs:documentation>Change over weight of braked weight in tonns variation device</xs:documentation> </xs:annotation> </xs:element>

element AirBrake/LoadChangeDevice/AirBrakedMassLoaded

diagram	 Braked weight in tons loaded for change over weight
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric3-3
properties	content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Braked weight in tons loaded for change over weight
source	<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>

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 wit...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
used by	element AirBrake
facets	Kind Value Annotation minInclusive 0 maxInclusive 999
annotation	documentation

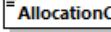
	General braked weight for wagon without a variation device; Braked weight empty for wagons with a variation device; maximum braked weight for wagons with linear auto continuous device; "0" for wagons without air brake (in tons).
source	<pre> <xs:element name="AirBrakedMass"> <xs:annotation> <xs:documentation>General 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

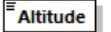
diagram	<p>The diagram illustrates the structure of the AlertMessage element. It consists of a central rounded rectangle labeled 'AlertMessage'. Four directed lines connect it to four other components: 'MessageHeader' (top), 'CommitmentETA' (top-right), 'ActualETA' (bottom-right), and 'WagonNumberFreight...' (bottom). Each of these components is enclosed in its own rounded rectangle with descriptive text below it.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:element name="AlertMessage"> <xs:annotation> <xs: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.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="CommitmentETA"/> <xs:element ref="ActualETA"/> <xs:element ref="WagonNumberFreight"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre></xs:sequence> </xs:complexType> </xs:element></pre>
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element **AllocationCompany**

diagram	 AllocationCompa... Name of company who is responsible for allocation and maintenance of codes
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	 Altitude Altitude (in m) at the beginning of the SP. Considering ETRS89 as reference. Starting at -100...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Destination ArrivalTimeAtDestination
used by	element WagonArrivalNoticeMessage
annotation	<p>documentation</p> <p>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>
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Source Location ArrivalTimeAtLocation TrainID
used by	element WagonETI ETA Message
annotation	<p>documentation</p> <p>The arrival or interchange station where ETI end</p>

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

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of xs:string												
properties	content simple												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Experienced time of arrival</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Real Time Train Situation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Estimated time of arrival</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Experienced time of arrival		enumeration	Real Time Train Situation		enumeration	Estimated time of arrival	
Kind	Value	Annotation											
enumeration	Experienced time of arrival												
enumeration	Real Time Train Situation												
enumeration	Estimated time of arrival												
annotation	<p>documentation</p> <p>Source of information</p>												
source	<pre> <xs:element name="Source"> <xs:annotation> <xs:documentation>Source of information</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Experienced time of arrival"/> <xs:enumeration value="Real Time Train Situation"/> <xs:enumeration value="Estimated time of arrival"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **ArrivalTimeAtDestination**

diagram	 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/3.2
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	 ArrivalTimeAtLocation The actual arrival date and time at the defined location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	 ArrivalTimeAtLocationActual The actual arrival date and time at the defined location
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	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.
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 AssociatedAttachedOTN

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	String1-8
properties	content simple
used by	complexType TrainActivityType

facets	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...</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 De...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> </xs:element></pre>

element **AssociatedAttachedTrainID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<p>documentation</p> <p>Identifies the associated train service line number for the train activity connecting service</p>									
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	<p>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/3.2															
type	restriction of xs:string															
properties	content simple															
used by	elements PlannedCalendar ReferenceTrainID SubCalendar RequestedCalendar															
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>740</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-1]{1,740}</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	740		whiteSpace	collapse		pattern	[0-1]{1,740}	
Kind	Value	Annotation														
minLength	1															
maxLength	740															
whiteSpace	collapse															
pattern	[0-1]{1,740}															
annotation	<p>documentation</p> <p>Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.</p>															
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> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="740"/> <xs:whiteSpace value="collapse"/> <xs:pattern value="[0-1]{1,740}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>															

element **BogiePitch**

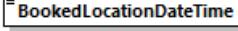
diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Bogie Wheelbase measured in mm									
source	<pre> <xs:element name="BogiePitch"> <xs:annotation> <xs:documentation>Bogie Wheelbase measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive base="xs:integer" value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **BogieWagonsOnly**

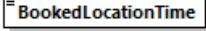
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. 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></pre>

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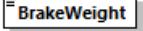
element BookedLocationDateTime

diagram	 BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
used by	elements ChangeofTrackMessage DelayEventReport AffectedSection/EndOfSection InterruptionPoint JourneySectionDestination JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport
annotation	documentation Scheduled Date and Time of a train at a specified location as defined in the path contract
source	<pre><xs:element name="BookedLocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xs:documentation> </xs:annotation> </xs:element></pre>

element BookedLocationTime

diagram	 BookedLocationTime
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:time
properties	content simple
used by	elements AffectedSection/EndOfSection AffectedSection/StartOfSection
source	<pre><xs:element name="BookedLocationTime" type="xs:time"/></pre>

element BrakeWeight

diagram	 BrakeWeight Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:int
properties	content simple
used by	elements PlannedTrainTechnicalData TrainRunningTechData WagonOperationalData
facets	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	 <p>Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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>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 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 **ChangeofTrackMessage**

diagram	<pre> classDiagram class MessageHeader { Used for all mess... } 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 ... } 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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN LocationPlannedTrack LocationActualTrack BookedLocationDateTime TrainLocationStatus InterruptionReason InterruptionDescription TransferPoint TransfereeIM
annotation	<p>documentation</p> <p>This message is issued to show that the train is arriving at another platform to the one that was scheduled</p>
source	<pre> <xs:element name="ChangeofTrackMessage"> <xs:annotation> <xs:documentation> This message is issued to show that the train is arriving at another platform to the one that was scheduled</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation,</xs:documentation> </xs:annotation> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<p>2=Modification,</p> <pre> </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>	<p>3=deletion</p> <p></xs:documentation></p>
--	---	--

element **CityTown**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	<p>documentation</p> <p>Name of the City or Town in Clear Text</p>									
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></pre>									

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

element **ClosingTime**

diagram	ClosingTime The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	Coasting 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 r...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	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.
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/3.2
type	FreeText
properties	content simple
used by	elements LocationPrimaryInformation LocationSubsidiaryInformation
facets	Kind Value Annotation minLength 1 maxLength 255
source	<code><xs:element name="Comments" type="FreeText"/></code>

element **CommitmentETA**

diagram	
	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.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
used by	element AlertMessage
annotation	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 destination of the customer siding.
source	<code><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 destination of the customer siding.</xs:documentation> </xs:annotation> </xs:element></code>

element **Company**

diagram	
	Identifies a railway company (RU or IM)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<pre><xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element></pre>

element ConsignmentNumber

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	ConsignmentIdent
properties	content complex
used by	WIMO Dataset/ConsignmentLevelData
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<pre><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></pre>

element ConsignmentOrderMessage

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader COMS
annotation	documentation Consignment Order Message from Lead RU to RU
source	<pre><xs:element name="ConsignmentOrderMessage"> <xs:annotation> <xs:documentation>Consignment Order Message from Lead RU to RU</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/></pre>

	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message</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 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" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as or 'CIM'.</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> </pre>
'CUV'	

	<pre> </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: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:pattern value=".*[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYYMMDDNNNNNN Where RRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="VersionNumber"> <xs:annotation> <xs:documentation>Message version number. This number hast to be incremented after each modification. On creation this value has to be set to 0.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="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> </pre>
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<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 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="ProductionStation" minOccurs="0"/>
            <xs:element ref="PreviousResponsibleRU" minOccurs="0">
              <xs:annotation>
                <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation>
              </xs:annotation>
              </xs:element>
            <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

	<pre> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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 ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Customers" maxOccurs="2"/> <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> </pre>
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	<pre> <xs:element name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="GeneralInformation" minOccurs="0"> <xs:annotation> <xs:documentation>General information about the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference complete concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="35"/> </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> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Paper documents accompanying the transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying </pre>
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```

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"/>
            <xsmaxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element ref="Quantity" minOccurs="0"/>
<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"/>
            <xsmaxLength value="35"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</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 name="Code">
                <xs:annotation>
                    <xs:documentation>Commercial specifications code</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction base="xs:token"/>
                </xs:simpleType>
            </xs:element>
            <xs:element name="SpecificationText" minOccurs="0">
                <xs:annotation>

```

	<pre> <xs:documentation>Additional Text for codes with text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="ContractNumber"/> <xs:element ref="Routing" minOccurs="0"/> <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 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 used used (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction </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"> </pre>
--	---

	<pre> <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: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 name="RU_DeclarationCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Carrier declaration code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="1"/> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:annotation> </pre>
--	---

		<pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation> <xs:documentation>Goods frozen: ... details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Loaded by the carrier in inclement weather at the request of the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Unloaded by the consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Unloaded by the consignee</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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carrier in
at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather
</xs:documentation>

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
</xs:documentation>

at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible
</xs:documentation>

examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation>

made because of a shortage of resources: ... (give details)</xs:documentation>

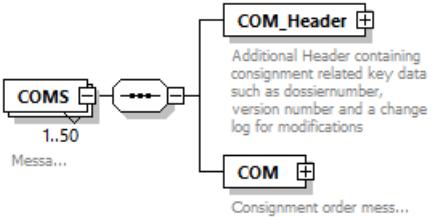
... (give details)</xs:documentation>

declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation>

	<pre> </xs:element> <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:pattern value=".*00:00[+-]]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, 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="xs:string"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </pre>
--	---

	<pre> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **ConsignmentOrderMessage/COMS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 1 maxOcc 50 content complex
children	COM Header COM
annotation	documentation Message
source	<pre> <xs:element name="COMS" maxOccurs="50"> <xs:annotation> <xs:documentation>Message</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:element> <xs:complexType> <xs:sequence> <xs:element name="SendingRU" type="CompanyCode"> </pre>

```

<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
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction>
            <xs:minLength
                base="xs:string">
                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"          minOccurs="0">
            <xs:annotation>
                <xs:documentation>Classification of the wagon order as 'CUV'
'CIM'.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
                <xs:restriction>
                    <xs:enumeration
                        base="xs:token">
                        value="CIM">
                        <xs:annotation>
                            <xs:documentation>Regular transport, according in basic
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:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element
            ref="ConsignmentOrderType"/>
        <xs:element
            name="COM_PreparationDatetime">
            <xs:annotation>

```

	<pre> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:pattern base="xs:dateTime" value=".*[+-]\d{2}:\d{2}"/> </xs:restriction> </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:simpleType> <xs:restriction> <xs:length value="19"/> <xs:pattern base="xs:string" 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> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </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> <xs:pattern base="xs:dateTime"/> </xs:restriction> </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> </pre>
--	--

	<pre> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:annotation name="COM"> <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 over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element ref="PreviousResponsibleRU" minOccurs="0"/> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange </xs:documentation> </xs:annotation> </xs:sequence> </xs:complexType> <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:pattern value=". *00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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> </pre>
--	--

	<pre> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station" /> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Customers" maxOccurs="2"/> <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 name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded declaration</xs:documentation> </xs:annotation> </xs:element> <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></pre>
--	--

	<p>complete</p> <pre> <xs:documentation>Consignor's reference concerning the consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </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> <xs:maxLength <xs:minLength </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 <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> <xs:minInclusive <xs:maxInclusive </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> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:annotation> </pre>
--	--

```

                </xs:element>
                <xs:element ref="Quantity" minOccurs="0"/>
                <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>
                            <xs:minLength
                                <xs:maxLength
                                    </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    </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
                            <xs:annotation>
                                <xs:documentation>Commercial
specifications
code</xs:documentation>
                            </xs:annotation>
                            <xs:simpleType>
                                <xs:restriction>
                                    <xs:base
                                        <xs:token"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    <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>
                                <xs:minLength
                                    <xs:maxLength
                                        </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element
                <xs:annotation>
                    <xs:documentation>ContractNumber</xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element ref="Routing" minOccurs="0"/>
            <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:element>
        </xs:complexType>
    
```

	<pre> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation>Code of the RU entrusted of customs </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 </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport procedure is (STP).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:simpleType> <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> <xs:simpleType> <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> <xs:minLength <xs:maxLength <xs:restriction> <xs:simpleType> <xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Good under customs surveillance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength <xs:restriction> <xs:simpleType> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:restriction> </xs:simpleType> </xs:restriction> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

```

</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      name="RU_DeclarationCode">
              <xs:annotation>
                <xs:documentation>Carrier      declaration      code.
</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction           base="xs:string">
                  <xs:enumeration         value="1">
                    <xs:annotation>
                      <xs:documentation>Without
packing</xs:documentation>
                    </xs:annotation>
                  <xs:enumeration         value="2">
                    <xs:annotation>
                      <xs:documentation>Unsatisfactory
packaging:     ...<give      details)</xs:documentation>
                    </xs:annotation>
                  <xs:enumeration         value="3">
                    <xs:annotation>
                      <xs:documentation>Insufficient      packaging:
...           (give      details)</xs:documentation>
                    </xs:annotation>
                  <xs:enumeration         value="4.1">
                    <xs:annotation>
                      <xs:documentation>Goods      clearly      in      poor
condition:     ...           (give      details)</xs:documentation>
                    </xs:annotation>
                  <xs:enumeration         value="4.2">
                    <xs:annotation>
                      <xs:documentation>Goods      damaged:<give
details)</xs:documentation>
                    </xs:annotation>
                  </xs:enumeration>

```

	<pre><xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation> <xs:documentation>Goods frozen: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Loaded by the carrier in inclement weather at the request of the consignor </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Unloaded by the consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Unloaded by the carrier in ...</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.1"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.2"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9.3"> <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible </xs:documentation> </xs:annotation> </xs:enumeration></pre>
--	--

```

                </xs:enumeration>
                <xs:enumeration value="10">
                    <xs:annotation>
                        <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
                <xs:enumeration value="11">
                    <xs:annotation>
                        <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
                <xs:enumeration value="12">
                    <xs:annotation>
                        <xs:documentation>Other reserves: ... (give details)</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
                <xs:enumeration value="13">
                    <xs:annotation>
                        <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation>
                    </xs:annotation>
                </xs:enumeration>
                <xs:restriction>
                    <xs:simpleType>
                        </xs:element>
                        <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 structure AcceptancePoint.</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                        <xs:element name="DifferentAcceptanceDate" minOccurs="0">
                            <xs:annotation>
                                <xs:documentation>Variance of acceptance date structure AcceptancePoint.</xs:documentation>
                            </xs:annotation>
                            <xs:simpleType>
                                <xs:restriction base="xs:dateTime">
                                    <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/>
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

acceptance point given by the consignor.

given in structure AcceptancePoint.

given structure AcceptancePoint.

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> <xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons 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> <xs:length base="xs:string" value="12"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength base="xs:string" value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
--	--

element **ConsignmentOrderMessage/COMS/COM_Header**

diagram	<pre> graph TD COM_Header[COM_Header] --- ---> SendingRU[SendingRU] COM_Header --- ---> ReceivingRU[ReceivingRU] COM_Header --- ---> MessageReferenceNumber[MessageReferenceNumber] COM_Header --- ---> ShipmentType[ShipmentType] COM_Header --- ---> ConsignmentOrderType[ConsignmentOrderType] COM_Header --- ---> COM_PreparationDatetime[COM_PreparationDatetime] COM_Header --- ---> DossierNumber[DossierNumber] COM_Header --- ---> VersionNumber[VersionNumber] COM_Header --- ---> ChangeLog[ChangeLog] </pre> <p>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	SendingRU ReceivingRU MessageReferenceNumber ShipmentType ConsignmentOrderType COM_PreparationDatetime DossierNumber VersionNumber ChangeLog
annotation	<p>documentation</p> <p>Additional Header containing consignment related key data such as dossiernumber, version number and a change log for modifications</p>
source	<pre> <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 </pre>

```

modifications</xs:documentation>
  </xs:annotation>
  <xss: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>
        <xss:simpleType>
          <xs:restriction>
            <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>
        </xss:simpleType>
      </xs:element>
      <xs:element name="ShipmentType" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</xs:documentation>
        </xs:annotation>
        <xss:simpleType>
          <xs:restriction>
            <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:restriction>
        </xss:simpleType>
      </xs:element>
    </xs:sequence>
  </xss:complexType>
</xs:annotation>

```

	<pre> </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:pattern value=". *[+-]\d{2}:\d{2}"/> </xs:restriction> </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:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9]\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="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"> </pre>
--	---

	<pre> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

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

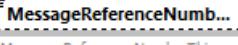
diagram	<p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</p>												
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2												
type	CompanyCode												
properties	content simple												
facets	<table> <thead> <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**

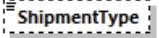
diagram	<p>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the recipient of the message (like 2185).</p>
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2
type	CompanyCode
properties	content simple

facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	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).
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>

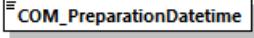
element **ConsignmentOrderMessage/COMS/COM_Header/MessageReferenceNumber**

diagram	 Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 18 documentation Use here a counter, any system.
annotation	documentation Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.
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> <xs:minLength value="1"/> <xs:maxLength value="18"/> </xs:restriction> <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**

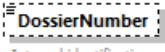
diagram	 <p>Classification of the wagon order as 'CUV' or 'CIM'.</p>											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2											
type	restriction of xs:token											
properties	minOcc 0 maxOcc 1 content simple											
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>CIM</td> <td>documentation Regular transport, according in basic to the CIM consignment note.</td> </tr> <tr> <td>enumeration</td> <td>CUV</td> <td>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.</td> </tr> </table>			Kind	Value	Annotation	enumeration	CIM	documentation Regular transport, according in basic to the CIM consignment note.	enumeration	CUV	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.
Kind	Value	Annotation										
enumeration	CIM	documentation Regular transport, according in basic to the CIM consignment note.										
enumeration	CUV	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	<p>documentation Classification of the wagon order as 'CUV' or 'CIM'.</p>											
source	<pre> <xs:element name="ShipmentType" minOccurs="0"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV' or 'CIM'.</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:restriction> </xs:simpleType> </xs:element> </pre>											

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

diagram	 <p>Date and Time of preparation of the COM</p>								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2								
type	restriction of xs:dateTime								
properties	content simple								
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>pattern</td> <td>.*[+-]\d{2}:\d{2}</td> <td></td> </tr> </table>			Kind	Value	Annotation	pattern	.*[+-]\d{2}:\d{2}	
Kind	Value	Annotation							
pattern	.*[+-]\d{2}:\d{2}								

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:pattern value=". *[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

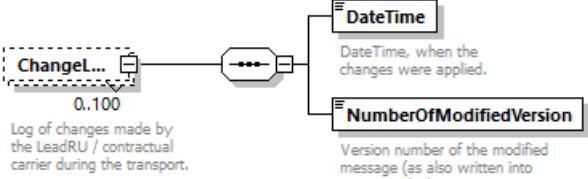
element **ConsignmentOrderMessage/COMS/COM_Header/DossierNumber**

diagram	 <p>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYYMMDDNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NN... </p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	documentation Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRYYYYYMMDDNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.									
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: RRRYYYYYMMDDNNNNNN 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></pre>									

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

diagram	
	Message version number. This number has to be incremented after each modification. On creation this value has to be set to 0.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/ChangeLog**

diagram	
	DateTime, when the changes were applied. NumberOfModifiedVersion Version number of the modified message (as also written into COMHeader/COMVersionNu...)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 100 content complex
children	DateTime NumberOfModifiedVersion
annotation	documentation Log of changes made by the LeadRU / contractual carrier during the transport.
source	<pre> <xs:element name="ChangeLog" minOccurs="0" maxOccurs="100"> <xs:annotation> <xs:documentation>Log of changes made by the LeadRU / contractual carrier during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DateTime"> </pre>

	<pre> <xs:annotation> <xs:documentation>DateTime, when the changes were applied.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element> <xs:element name="NumberOfModifiedVersion"> <xs:annotation> <xs:documentation>Version number of the modified message (as also written into COMHeader/COMVersionNumber).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

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

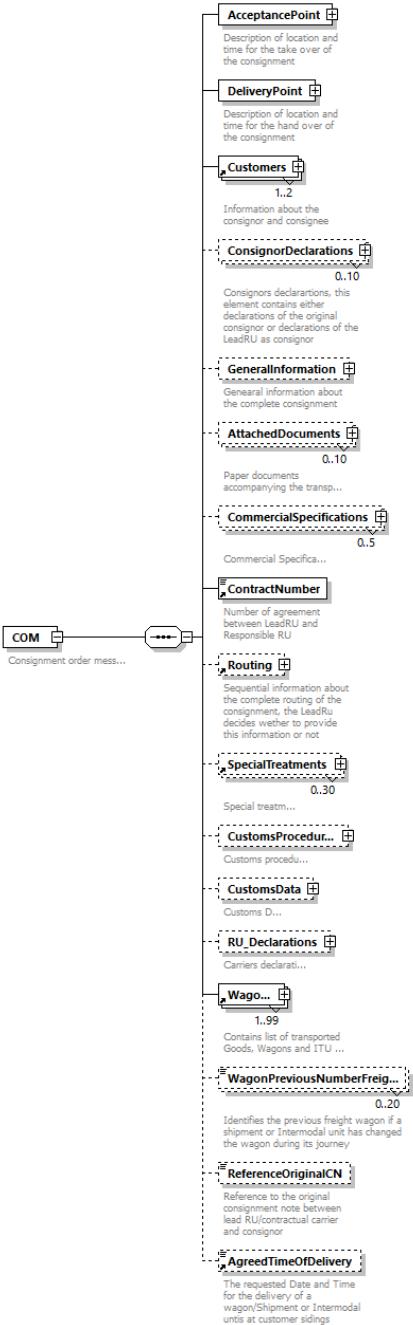
diagram	<p>DateTime</p> <p>DateTime, when the changes were applied.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:dateTime
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<pre> <xs:element name="DateTime"> <xs:annotation> <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	<p>NumberOfModifiedVersion</p> <p>Version number of the modified message (as also written into COMHeader/COMVersionNu...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 { AcceptancePoint DeliveryPoint Customers "1..2" ConsignorDeclarations "0..10" GeneralInformation AttachedDocuments "0..10" CommercialSpecifications "0..5" ContractNumber Routing SpecialTreatments "0..30" CustomsProcedures CustomsData RU_Declarations Wagon... "1..99" WagonPreviousNumberFreig... ReferenceOriginalCN } COM "Consignment order mess..." --> COM </pre>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	AcceptancePoint DeliveryPoint Customers ConsignorDeclarations GeneralInformation AttachedDocuments CommercialSpecifications ContractNumber Routing SpecialTreatments CustomsProcedures CustomsData RU Declarations Wagons PreviousNumberFreight ReferenceOriginalCN 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="ProductionStation" minOccurs="0"/> <xs:element ref="PreviousResponsibleRU" minOccurs="0"/> <xs:annotation> <xs:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xs:documentation> </xs:annotation> </xs:sequence> </xs:complexType> </xs:element> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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> </pre>

	<pre> <xs:documentation>Train number at shipping </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xsmaxLength </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station" /> <xs:element ref="ProductionStation" minOccurs="0" /> <xs:element ref="NextResponsibleRU" minOccurs="0" /> <xs:element ref="LoadingFacility" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Customers" maxOccurs="2" /> <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 </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorDeclarationsCode" type="xs:string" > <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <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> </pre>
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	<pre> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </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> <xs:maxLength <xs:minLength </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 <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> <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="DocumentInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the document may be entered here.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Quantity" minOccurs="0"/> <xs:element name="DocumentTypeDescription" minOccurs="0"> </pre>
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	<pre> <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> <xs:minLength <xsmaxLength </xs:restriction> </xs:simpleType> </xs:element> </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 <xs:annotation> <xs:documentation>Commercial </xs:documentation> name="Code"> </xs:element> <xs:element <xs:annotation> <xs:documentation>Commercial </xs:documentation> specifications </xs:element> <xs:annotation> <xs:documentation>Additional Text for codes with free text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xsmaxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="ContractNumber"/> <xs:element ref="Routing" minOccurs="0"/> <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:element> </xs:sequence> </xs:complexType> </pre>
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```

        </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 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>

```

	<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 name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <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: details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods damaged: (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation></pre>
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```
<xs:documentation>Goods frozen: ... (give details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
    <xs:annotation>
        <xs:documentation>Loaded by the consignor</xs:documentation>
            </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
    <xs:annotation>
        <xs:documentation>Loaded by the carrier in inclement weather at the request of the consignor </xs:documentation>
            </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
    <xs:annotation>
        <xs:documentation>Unloaded by the consignee</xs:documentation>
            </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
    <xs:annotation>
        <xs:documentation>Unloaded by the carrier in ...</xs:documentation>
            </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.1">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather </xs:documentation>
            </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.2">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of sealing of the wagon or ITU </xs:documentation>
            </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.3">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of load in the wagon or ITU inaccessible </xs:documentation>
            </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
    <xs:annotation>
        <xs:documentation>Request for examination in accordance with CIM Article 11 section 3 presented late by the consignor</xs:documentation>
            </xs:annotation>
</xs:enumeration>
```

	<pre> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>Other reserves: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> <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 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 AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given AcceptancePoint.</xs:documentation> </xs:annotation> </xs:element> <xs:simpleType> <xs:restriction base="xs:dateTime"> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="Wagons" maxOccurs="99"> </pre>
--	---

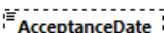
	<pre><xs:annotation> <xs:documentation>Contains list of transported Goods, Wagons and etc.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:length <xs:minLength <xs:value base="xs:string" value="12"/> <xs:maxLength <xs:value base="xs:string" value="150"/> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:value base="xs:string" value="1"/> <xs:maxLength <xs:value base="xs:string" value="150"/> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="AgreedTimeOfDelivery" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>
--	--

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

diagram	<pre> classDiagram class AcceptancePoint { <<Description of location and time for the take over of the consignment>> } class Station { <<Details of station serving the point>> } class ProductionStation { <<Details of production station serving the point, this element is used if the productional station differs from the commercial station>> } class PreviousResponsibleRU { <<This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point>> } class AcceptanceDate { <<Date and time (month, day and hour) at which the goods were accepted.>> } class ResponsibleRU { <<RU Responsible for the physical operation of the train or wagon>> } class COM_ConsignmentNumber { <<Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit>> } class ForwardingTrainNumber { <<Train number at shipp...>> } class LoadingFacility { <<Identifies the loading facility (in case of message type = ORU)>> } AcceptancePoint < -- Station AcceptancePoint < -- ProductionStation AcceptancePoint < -- PreviousResponsibleRU AcceptancePoint --> ResponsibleRU AcceptancePoint --> COM_ConsignmentNumber AcceptancePoint --> ForwardingTrainNumber AcceptancePoint --> LoadingFacility </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Station ProductionStation PreviousResponsibleRU AcceptanceDate ResponsibleRU COM_ConsignmentNumber ForwardingTrainNumber LoadingFacility
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="ProductionStation" minOccurs="0"/> <xss:element ref="PreviousResponsibleRU" minOccurs="0"/> <xss:annotation> <xss:documentation>This element identifies the RU, which was responsible for the train operation on the journey section before an interchange point</xss:documentation> </xss:annotation> <xss:element name="AcceptanceDate" minOccurs="0"/> </xss:sequence> </xss:complexType> </xss:element> </pre>

	<pre> <xs:annotation> <xs:documentation>Date and time (month, day and hour) at which the were accepted. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ResponsibleRU"/> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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> <xs:minLength value="1"/> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="LoadingFacility" minOccurs="0"/> </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/3.2
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern .*00:00[+-]\d{2}:\d{2}
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> <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/COM_ConsignmentNumber**

diagram	<p>Running number and check digit of the consignment between Lead RU and Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit,</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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>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 Responsible RU. Format: NNNNNC The number consists of NNNNN = running number C = check digit,</p>									
source	<pre> <xs:element name="COM_ConsignmentNumber"> <xs:annotation> <xs:documentation>Running number and check digit of the consignment between Lead RU and Responsible RU. 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 shipp...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1

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

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

diagram	<p>The diagram shows a class named DeliveryPoint with four associations. One association leads to a class Station, which is described as 'Details of station serving the point'. Another association leads to a class ProductionStation, which is described as 'Details of production station serving the point, this element is used if the productional station differs from the commercial station'. A third association leads to a class NextResponsible..., which is described as 'The RU who is responsible for the train operation on the next journey section'. A fourth association leads to a class LoadingFacili..., which is described as 'Identifies the loading facility (in case of message type = ORU)'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Station ProductionStation NextResponsibleRU LoadingFacility
annotation	documentation Description of location and time for the hand over of the consignment
source	<pre><xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ProductionStation" minOccurs="0"/> <xs:element ref="NextResponsibleRU" minOccurs="0"/> <xs:element ref="LoadingFacility" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<code></xs:element></code>
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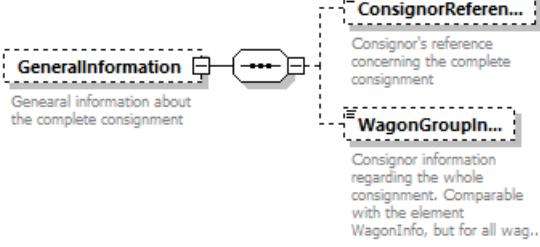
element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations**

diagram	<p>Consignors declarations, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 10 content complex
children	ConsignorDeclarationsCode DeclarationText
annotation	<p>documentation</p> <p>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</p>
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 name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DeclarationText" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

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

diagram	<p>Coded consignor declarat...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:string
properties	content simple
annotation	<p>documentation</p> <p>Coded consignor declaration</p>
source	<pre><xs:element name="ConsignorDeclarationsCode" type="xs:string"> <xs:annotation> <xs:documentation>Coded consignor declaration</xs:documentation> </xs:annotation> </xs:element></pre>

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

diagram	 <p>General information about the complete consignment</p> <p>ConsignorReference... Consignor's reference concerning the complete consignment</p> <p>WagonGroupInfo... Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wag...</p>
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	ConsignorReference WagonGroupInfo
annotation	documentation General information about the complete consignment
source	<pre> <xs:element name="GeneralInformation" minOccurs="0"> <xs:annotation> <xs:documentation>General information about the complete consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="35"/> </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> <xs:maxLength 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	 ConsignorRefer... Consignor's reference concerning the complete consignment
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Consignor's reference concerning the complete consignment
source	<pre><xs:element name="ConsignorReference" minOccurs="0"> <xs:annotation> <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element></pre>

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

diagram	 WagonGroupIn... Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wag...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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></pre>

	<pre> <xs:restriction> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>	<pre> base="xs:string"> value="500"/> value="1"/> </pre>
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element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments**

diagram	<p>Paper documents accompanying the trans...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 10 content complex
children	DocumentType DocumentInformation Quantity DocumentTypeDescription
annotation	<p>documentation</p> <p>Paper documents accompanying the transport</p>
source	<pre> <xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Paper documents accompanying the transport</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DocumentType"> <xs:annotation> <xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="Quantity" minOccurs="0"/> <xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
the	<pre> <xs:annotation> <xs:documentation>Description of document type, when it is not in UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

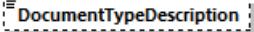
element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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> <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>									

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

diagram	 DocumentInformation Additional information regarding the attached document may be entered here.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Additional information regarding the attached document may be entered here.
source	<pre> <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> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

diagram	 DocumentTypeDescription Description of document type, when it is not in the UN/EDIFACT 1001 list included.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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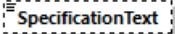
element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications**

diagram	<pre> sequenceDiagram participant CS as CommercialSpecifications participant C as Code participant ST as SpecificationText CS->>C: activate C CS-->>ST: deactivate C activate ST CS->>ST: deactivate ST </pre> <p>The diagram illustrates the structure of the <code>CommercialSpecifications</code> element. It consists of a sequence of two elements: <code>Code</code> and <code>SpecificationText</code>. The <code>CommercialSpecifications</code> element has a multiplicity of 0..5. The <code>Code</code> element is associated with the text "Commercial specifications code". The <code>SpecificationText</code> element is associated with the text "Additional Text for codes with free text".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 5 content complex
children	Code SpecificationText
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 name="Code"> <xs:annotation> <xs:documentation>Commercial specifications</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element> <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:sequence> </xs:complexType> </xs:element> </pre>

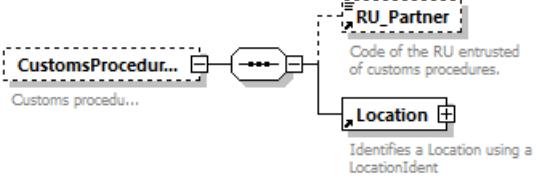
element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/Code**

diagram	 Code Commercial specifications code
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:token
properties	content simple
annotation	documentation Commercial specifications code
source	<pre><xs:element name="Code"> <xs:annotation> <xs:documentation>Commercial specifications code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"/> </xs:simpleType> </xs:element></pre>

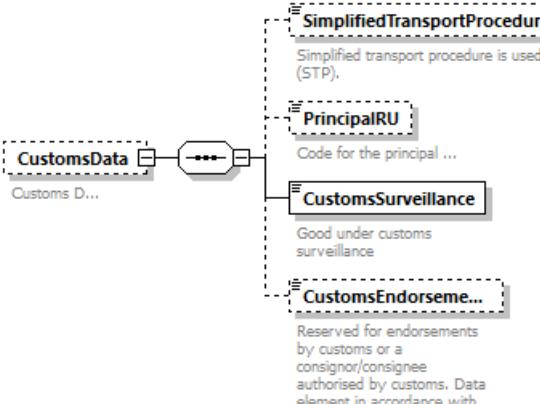
element **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/SpecificationText**

diagram	 SpecificationText Additional Text for codes with free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional Text for codes with free text
source	<pre><xs:element name="SpecificationText" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Text for codes with free 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 **ConsignmentOrderMessage/COMS/COM/CustomsProcedures**

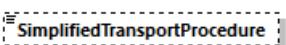
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	RU_Partner Location
annotation	documentation Customs procedures
source	<pre> <xs:element name="CustomsProcedures" minOccurs="0"> <xs:annotation> <xs:documentation>Customs procedures</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Code of the RU entrusted of customs procedures.</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	SimplifiedTransportProcedure PrincipalIRU CustomsSurveillance CustomsEndorsements
annotation	documentation

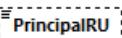
	Customs Data
source	<pre> <xs:element name="CustomsData" minOccurs="0"> <xs:annotation> <xs:documentation>Customs Data</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SimplifiedTransportProcedure" minOccurs="0"> <xs:annotation> <xs:documentation>Simplified transport 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

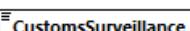
diagram	 <p>Simplified transport procedure is used (STP).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:boolean

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 <xs:simpleType> <xs:base>"xs:boolean"</xs:base> </xs:simpleType> </xs:restriction> </xs:simpleType> </xs:element></pre>

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

diagram	 PrincipalRU Code for the principal ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
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></pre>

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

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/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.
source	<pre><xs:element name="CustomsEndorsements" minOccurs="0"> <xs:annotation> <xs:documentation>Reserved for endorsements by customs or a consignor/consignee authorised by customs. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

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

diagram	<p>Details of the carriers declaration.</p> <p>0.30</p> <p>DifferentAcceptance</p> <p>Details of the changes of the acceptance point given by the consignor.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	RU Declaration DifferentAcceptance
annotation	documentation Carriers declaration

source	<pre> <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 name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code.</xs:documentation> </xs:annotation> </xs:element> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods damaged: (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... (give ...)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--------	---

```

details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4.4">
    <xs:annotation>
        <xs:documentation>Goods frozen: ... (give
details)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
    <xs:annotation>
        <xs:documentation>Loaded by the
consignor</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="6">
    <xs:annotation>
        <xs:documentation>Loaded by the carrier in inclement
weather at the request of the consignor </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="7">
    <xs:annotation>
        <xs:documentation>Unloaded by the
consignee</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="8">
    <xs:annotation>
        <xs:documentation>Unloaded by the carrier in
...</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.1">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of
the consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of inclement weather </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.2">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of
the consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of sealing of the wagon or ITU </xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="9.3">
    <xs:annotation>
        <xs:documentation>Inclement weather, at the request of
the consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of load in the wagon or ITU inaccessible
</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="10">
    <xs:annotation>
        <xs:documentation>Request for examination in accordance

```

with CIM Article 11 section 3 presented late by the consignor</xs:documentation>

```

      </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="11">
        <xs:annotation>
          <xs:documentation>Examination not made because of a shortage of resources: ... (give details)</xs:documentation>
        </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="12">
          <xs:annotation>
            <xs:documentation>Other reserves: ... (give details)</xs:documentation>
          </xs:annotation>
          </xs:enumeration>
          <xs:enumeration value="13">
            <xs:annotation>
              <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation>
            </xs:annotation>
            </xs:enumeration>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <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:pattern value=".*00:00[+-]\d{2}:\d{2}"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

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

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

diagram	<pre> classDiagram class RU_Declaration { <<Details of the carriers declaration.>> } class DeclaringRU { <<Code of carrier, who added the declaration.>> } class RU_DeclarationCode { <<Carrier declaration cod...>> } class DeclarationText { <<Additional Text for codes with free text>> } RU_Declaration "0..30" --> DeclaringRU : RU_Declaration "0..30" --> RU_DeclarationCode : RU_Declaration "0..30" --> DeclarationText : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 30 content complex
children	DeclaringRU 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 name="RU_DeclarationCode"> <xs:annotation> <xs:documentation>Carrier declaration code. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Unsatisfactory packaging: ...(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Insufficient packaging: ... (give details)</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 <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Goods damaged:(give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Goods wet: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Goods frozen: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Loaded by the carrier in inclement weather at the request of the consignor </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Unloaded by the consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Unloaded by the carrier in ... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Inclement weather, at the request of the consignee Impossible to make the examination in accordance with CIM Article 11 section 3, because of inclement weather </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> </pre>
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```

<xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of sealing of the wagon or ITU </xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration
    <xs:annotation>
        value="9.3">
<xs:documentation>Inclement weather, at the request of the
consignee Impossible to make the examination in accordance with CIM Article
11 section 3, because of load in the wagon or ITU inaccessible
</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration
    <xs:annotation>
        value="10">
<xs:documentation>Request for examination in accordance with
CIM Article 11 section 3 presented late by the consignor</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration
    <xs:annotation>
        value="11">
<xs:documentation>Examination not made because of a shortage
of resources: ... (give details)</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration
    <xs:annotation>
        value="12">
<xs:documentation>Other reserves: ... (give
details)</xs:documentation>
</xs:annotation>
</xs:enumeration>
<xs:enumeration
    <xs:annotation>
        value="13">
<xs:documentation>Code used for declarations, which are no
reservations. This code is not included in the official CIT code list and is
not to be printed on the paper consignment note.</xs:documentation>
</xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element
    ref="DeclarationText"
    minOccurs="0"/>
</xs:sequence>
</xs:complexType>
</xs:element>

```

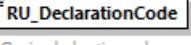
element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompanyCode
properties	content simple

facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Code of carrier, who added the declaration.
source	<xs:element name="DeclaringRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of carrier, who added the declaration.</xs:documentation> </xs:annotation> </xs:element>

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/RU_DeclarationCode

diagram	 Carrier declaration cod...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation enumeration 1 documentation Without packing enumeration 2 documentation Unsatisfactory packaging: ...(give details) enumeration 3 documentation Insufficient packaging: ... (give details) enumeration 4.1 documentation Goods clearly in poor condition: ... (give details) enumeration 4.2 documentation Goods damaged:(give details) enumeration 4.3 documentation Goods wet: ... (give details) enumeration 4.4 documentation Goods frozen: ... (give details) enumeration 5 documentation Loaded by the consignor enumeration 6 documentation Loaded by the carrier in inclement weather at the request of the consignor enumeration 7 documentation Unloaded by the consignee enumeration 8 documentation Unloaded by the carrier in ... 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 enumeration 9.2 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 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 load in the wagon or ITU inaccessible enumeration 10 documentation Request for examination in accordance with CIM Article 11 section 3 presented late by

	<p>enumeration 11 the consignor documentation Examination not made because of a shortage of resources: ... (give details)</p> <p>enumeration 12 documentation Other reserves: ... (give details)</p> <p>enumeration 13 documentation Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</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:string"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Without packing</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Unsatisfactory packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Insufficient packaging: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.1"> <xs:annotation> <xs:documentation>Goods clearly in poor condition: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.2"> <xs:annotation> <xs:documentation>Goods damaged: (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.3"> <xs:annotation> <xs:documentation>Goods wet: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4.4"> <xs:annotation> <xs:documentation>Goods frozen: ... (give details)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Loaded by the consignor</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

```

        </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="6">
            <xs:annotation>
                <xs:documentation>Loaded by the carrier in inclement weather at the
request of the consignor </xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="7">
            <xs:annotation>
                <xs:documentation>Unloaded by the consignee</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="8">
            <xs:annotation>
                <xs:documentation>Unloaded by the carrier in ...</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="9.1">
            <xs:annotation>
                <xs:documentation>Inclement weather, at the request of the consignee
Impossible to make the examination in accordance with CIM Article 11 section
3, because of inclement weather </xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="9.2">
            <xs:annotation>
                <xs:documentation>Inclement weather, at the request of the consignee
Impossible to make the examination in accordance with CIM Article 11 section
3, because of sealing of the wagon or ITU </xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="9.3">
            <xs:annotation>
                <xs:documentation>Inclement weather, at the request of the consignee
Impossible to make the examination in accordance with CIM Article 11 section
3, because of load in the wagon or ITU inaccessible </xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="10">
            <xs:annotation>
                <xs:documentation>Request for examination in accordance with CIM
Article 11 section 3 presented late by the consignor</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="11">
            <xs:annotation>
                <xs:documentation>Examination not made because of a shortage of
resources: ... (give details)</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="12">
            <xs:annotation>
                <xs:documentation>Other reserves: ... (give
details)</xs:documentation>
            </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="13">
    
```

	<pre> <xs:annotation> <xs:documentation>Code used for declarations, which are no reservations. This code is not included in the official CIT code list and is not to be printed on the paper consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

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

diagram	<pre> classDiagram class DifferentAcceptance { <<Details of the changes of the acceptance point given by the consignor.>> } class DifferentAcceptancePoint { <<Variance of acceptance point given in structure AcceptancePoint.>> } class DifferentAcceptanceDate { <<Variance of acceptance date given structure AcceptancePoint.>> } DifferentAcceptance "0..1" -- "0..1" DifferentAcceptancePoint : Details of the changes of the acceptance point given by the consignor. DifferentAcceptance "0..1" -- "0..1" DifferentAcceptanceDate : Details of the changes of the acceptance point given by the consignor. </pre>
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2
properties	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:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:pattern value=". *00:00[+-]\d{2}:\d{2}"> </xs:pattern> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element

ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

diagram	<pre> classDiagram class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } class AcceptancePoint { <> "Variance of acceptance point given in structure AcceptancePoint." } LocationIdent "1" *-- "*" AcceptancePoint </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	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	<pre> classDiagram class AcceptancePoint { <> "Variance of acceptance date given structure AcceptancePoint." } class DifferentAcceptanceDate { <> "Variance of acceptance date given structure AcceptancePoint." } AcceptancePoint "1" *-- "*" DifferentAcceptanceDate </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern .*00[+-]\d{2}:\d{2}
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<pre> <xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> </pre>

	<pre> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:pattern /> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

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

diagram	
	<p>0..20</p> <p>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 20 content simple
facets	Kind Value Annotation length 12
annotation	<p>documentation</p> <p>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</p>
source	<pre> <xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:length /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderMessage/COMS/COM/ReferenceOriginalCN**

diagram	
	<p>Reference to the original consignment note between lead RU/contractual carrier and consignor</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 150

annotation	documentation Reference to the original consignment note between lead RU/contractual carrier and consignor
source	<pre><xs:element name="ReferenceOriginalCN" minOccurs="0"> <xs:annotation> <xs:documentation>Reference to the original consignment note between lead RU/contractual carrier and consignor</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element></pre>

element ContainerHandlingFlag

diagram	 ContainerHandlingFl... This establishment is able to handle container traffic
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
type	restriction of xs:string
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM_WIMO Dataset/ConsignmentLevelData
facets	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	<xs:element name="ContractNumber">

	<pre> <xs:annotation> <xs:documentation>Number of agreement between LeadRU and Responsible RU</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength <xs:restriction> <xs:annotation> <xs:documentation>value="6"/> </xs:annotation> </xs:restriction> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	--

element ContractNumberMovement

diagram	<p>ContractNumberMovement</p> <p>Identifies the contract between LeadRU and RU involved in the transport</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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>CoordinatingIM</p> <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 ...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompanyCode

properties	content simple
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation 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	<pre><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></pre>

element **Core**

diagram	<p>Core</p> <p>It is the main part of identifier and is determent by the company that creates it.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<pre><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> <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></pre>

element **CountryCodeISO**

diagram	 CountryCodeISO Identifies a County or State by code (ISO 316...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of CountryIdentISO
properties	content complex
used by	elements RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber RollingRoadUnit/RollingRoadUnitDetails/Haulier LocationFileDatasetMessage RollingRoadUnit/RollingRoadUnitDetails/Vehicles CustomerCode LocationIdent
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Identifies a County or State by code (ISO 3166-1)
source	<pre> <xs:element name="CountryCodeISO"> <xs:annotation> <xs:documentation>Identifies a County or State by code (ISO 3166-1)</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="CountryIdentISO"/> </xs:simpleContent> </xs:complexType> </xs:element> </pre>

element **CreateDateTime**

diagram	 CreateDateTime Date and Time of creation of data
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
annotation	documentation Date and Time of creation of data
source	<pre> <xs:element name="CreateDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of creation of data </xs:documentation> </xs:annotation> </xs:element> </pre>

element **Customer**

diagram	<pre> classDiagram class Customer { <<Consignor or Consig...>> } class CustomerCode { <<extension...>> class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-2) ...>> } class PrimaryCode class AdditionalCode class Type { <<Customer Type: CR, Consignor, CE Consig...>> } class CustomerCode { <<CODE: Customer Code of the Contractual Carrier>> } class Name { <<Generic Name in Free Text>> } class AdditionalInformation { <<Additional Information supplied by Customer>> } class VAT { <<Value Added Tax Number>> } class POBox { <<P.O. Box Number>> } class StreetNumber class Street class Country { <<Country Code ISO 3166-1 Alpha-2>> } class ZIPCode class City { <<City / Town>> } class Signature class Contacts class ContractualCarrierCode { <<Contractual Carrier Code>> } } Customer "1" -- "*" CustomerCode </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of CustomerCode
properties	content complex
children	CountryCodeISO PrimaryCode AdditionalCode Type CustomerCode Name AdditionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature Contacts ContractualCarrierCode
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Consignor or Consignee
source	<pre> <xs:element name="Customer"> <xs:annotation> </pre>

	<pre> <xs:documentation>Consignor or Consignee</xs:documentation> </xs:annotation> <xss:complexType> <xss:complexContent> <xss:extension base="CustomerCode"> <xss:sequence> <xss:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE</xs:documentation> </xs:annotation> </xss:element> <xss:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractual Carrier</xs:documentation> </xs:annotation> <xss:simpleType> <xss:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element ref="Name" minOccurs="0"/> <xss:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xss:simpleType> <xss:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> <xss:simpleType> <xss:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> </xss:element> </xss:sequence> </xss:extension> </xss:complexContent> </xss:complexType> </pre>
--	---

```

<xs:simpleType>
  <xs:restriction>
    <xs:minLength value="1"/>
    <xsmaxLength 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>
    <xs:minLength value="1"/>
    <xsmaxLength 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>
    <xs:minLength value="1"/>
    <xsmaxLength 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>
    <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>
    <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>
    <xs:minLength value="1"/>
    <xsmaxLength value="35"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>

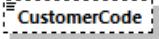
```

```
        </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
            <xs:minLength
                <xs:maxLength
                    </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
                                <xs:minLength
                                    <xs:maxLength
                                        </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
                        <xs:length
                            </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
</xs:element>
```

element **Customer/Type**

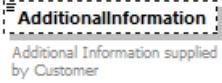
diagram	 Customer Type: CR, Consignor, CE Consig...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:token
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration CR enumeration CE
annotation	documentation Customer Type: CR Consignor, CE Consignee
source	<pre><xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:enumeration> <xs:enumeration>CR</xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Customer/CustomerCode**

diagram	 CODE: Customer Code of the Contractual Carrier
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 16
annotation	documentation CODE: Customer Code of the Contractual Carrier
source	<pre><xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractual Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

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

element **Customer/AdditionalInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 45
annotation	documentation Additional Information supplied by Customer
source	<pre> <xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customer/VAT**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:restriction> </xs:simpleType> </xs:element> </pre>

	<pre> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	value="1"/> value="25"/>
--	---	---

element **Customer/POBox**

diagram	 P.O. ...	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
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:element> </pre> <p style="text-align: right;"> base="xs:string"> value="1"/> value="35"/> </p>	

element **Customer/StreetNumber**

diagram	 Street Num...	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
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:element> </pre>	

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

element **Customer/Street**

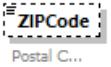
diagram	 Street Str...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<pre> <xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xsmaxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Customer/Country**

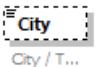
diagram	 Country Country Code ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 2
annotation	documentation Country Code ISO
source	<pre> <xs:element name="Country" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code ISO</xs:documentation> </xs:annotation> <xs:simpleType> </pre>

	<pre> <xs:restriction <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>	base="xs:string" value="2"/>
--	---	--

element Customer/ZIPCode

diagram		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
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 <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/3.2	
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> </pre>	

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

element **Customer/Signature**

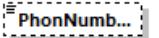
diagram	<p>Signature Signat...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <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> <xs:minLength value="1"/> <xsmaxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Customer/Contacts**

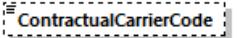
diagram	<p>Contacts Contact informat...</p> <p>PhonNum... Telephone Num...</p> <p>FaxNum... Generic Fax number in Free text</p> <p>eMail Generic eMail address in Free text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	PhoneNumber FaxNumber eMail
annotation	documentation Contact information
source	<pre> <xs:element name="Contacts" minOccurs="0"> </pre>

	<pre> <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> <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	 PhonNumb... Telephone Num...									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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>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> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Customer/ContractualCarrierCode**

diagram	 ContractualCarrierCode Contractual Carrier C...
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:string		
properties	minOcc 0 maxOcc 1 content simple		
facets	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 ele...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
used by	elements Customers LoadingFacility
facets	Kind Value Annotation minLength 1 maxLength 16
annotation	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
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>

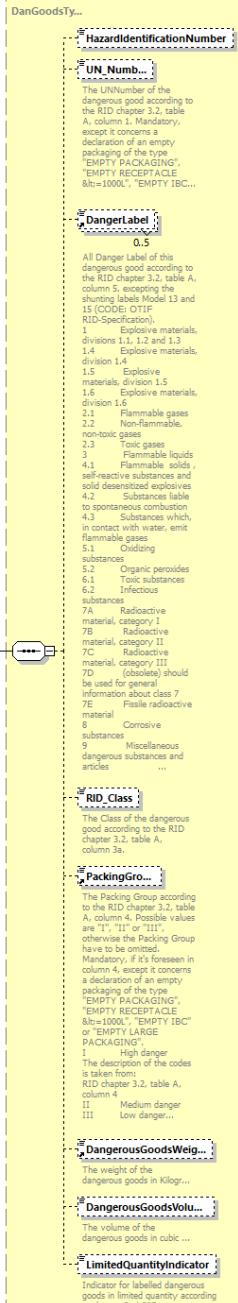
element **Customers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	CustomerType CustomerNumber AdministrativeContactInformation LeadRU
used by	elements ConsignmentOrderMessage/COMS/COM WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonReleaseNoticeMessage
annotation	documentation Information about the consignor and consignee
source	<pre> <xs:element name="Customers"> <xs:annotation> <xs:documentation>Information about the consignor and consignee</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:sequence> <xs:element ref="CustomerNumber" minOccurs="0"> <xs:annotation> <xs:documentation>CustomerNumber</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="LeadRU"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element></pre>

element **Customers/CustomerType**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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>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 Type of participation CR: Consignor CE: Consignee									
source	<pre> <xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation CR: Consignor CE: Consignee </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **DangerousGoodsIndication**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	DanGoodsType
properties	content complex
children	HazardIdentificationNumber UN_Number DangerLabel RID_Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	elements WIMO Dataset/ConsignmentLevelData WagonOperationalData/DangerousGoodsDetails PlannedTrainData RID WagonExceptionMessage WagonExceptionReasonMessage
annotation	documentation Identifies dangerous goods
source	<pre><xs:element name="DangerousGoodsIndication" type="DanGoodsType"> <xs:annotation></pre>

	<pre><xs:documentation>Identifies dangerous goods</xs:documentation> </xs:annotation> </xs:element></pre>
--	---

element **DangerousGoodsIndicator**

diagram	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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	DangerousGoodsVolume The volume of the dangerous goods in cubic ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

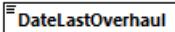
element **DangerousGoodsWeight**

diagram	 DangerousGoodsWeig... The weight of dangerous goods in kilograms
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	WeightValueKilo
properties	content simple
used by	element 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 D...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
type	xs:date
properties	content simple
used by	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	<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>

element DateNextOverhaul

diagram	 DateNextOverhaul
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:date
properties	content simple
source	<xs:element name="DateNextOverhaul" type="xs:date"/>

element DatePutIntoService

diagram	 DatePutIntoService Original Date of first operation
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:date
properties	content simple
used by	element RollingStockDataset/AdministrativeDataSet
annotation	documentation Original Date of first operation
source	<xs:element name="DatePutIntoService" type="xs:date"> <xs:annotation> <xs:documentation>Original Date of first operation</xs:documentation> </xs:annotation> </xs:element>

element DeclarationText

diagram	 DeclarationText Additional Text for codes with free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations ConsignmentOrderMessage/COMS/COM/RU Declarations/RU Declaration
facets	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/3.2																																																																					
type	DelayCode																																																																					
properties	content simple																																																																					
used by	elements DelayCauseTime TrainReadyMessage/TrainReadyStatus TrainReadyStatus																																																																					
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>10</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>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <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>28</td><td></td></tr> <tr><td>enumeration</td><td>29</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>39</td><td></td></tr> <tr><td>enumeration</td><td>40</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11		enumeration	10		enumeration	12		enumeration	13		enumeration	14		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	28		enumeration	29		enumeration	31		enumeration	30		enumeration	32		enumeration	39		enumeration	40		enumeration	41		enumeration	50	
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	enumeration 95	
annotation	documentation This element identifies the reason for a delay (modified DelayReason)	
source	<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>	

element **DelayCauseTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:element name="DelayCauseTime"> <xs:annotation> <xs: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)</xs:documentation> <xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayCause"> <xs:annotation> <xs:documentation>Describes the reason for a delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayMinutes"> <xs:annotation> <xs:documentation>Identifies the delay (in minutes) of a train for a specified cause</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayEventDateTime"> <xs:annotation> <xs:documentation>Date and Time of delay event</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"> <xs:annotation> <xs:documentation>The link to the System Reference Identifier</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DelayCodingDateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Date and Time of the coding of the delay</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Remarks" minOccurs="0"> <xs:annotation> <xs:documentation>Free Form ...</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:annotation> </xs:element> </pre>

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

element **DelayCodingDateTime**

diagram	<p>DelayCodingDateTime</p> <p>Date and Time of the coding of the delay</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<p>DelayEventDateTime</p> <p>Date and Time of delay event</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 RU's.>> } DelayEventReport < -- DelayReasonReport DelayEventReport --> DelayLocation DelayEventReport --> TrainLocationStatus DelayEventReport --> DelayCauseTime DelayEventReport --> BookedLocationDateTime DelayEventReport --> ReferencedLocationDateTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	DelayLocation TrainLocationStatus DelayCauseTime BookedLocationDateTime ReferencedLocationDateTime
used by	element TrainDelayCauseMessage
annotation	documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)
source	<pre> <xs:element name="DelayEventReport"> <xs:annotation> <xs:documentation>Provides the detailed information about a single delay event (Replaced DelayReasonReport)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="DelayLocation"/> <xs:element ref="TrainLocationStatus"/> <xs:element ref="DelayCauseTime"/> <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:sequence> </xs:complexType> </xs:element> </pre>

element **DelayLocation**

diagram	<pre> classDiagram class DelayLocation { <<Location where the Delay occurred>> } class LocationIdent { <<LocationIdent>> CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } DelayLocation "1..*" --> "1..*" LocationIdent </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element DelayEventReport
annotation	documentation Location where the Delay occurred
source	<pre> <xss:element name="DelayLocation" type="LocationIdent"> <xss:annotation> <xss:documentation>Location where the Delay occurred</xss:documentation> </xss:annotation> </xss:element> </pre>

element **DelayMinutes**

diagram	<pre> classDiagram class DelayMinutes { <<Identifies the delay (in minutes) of a train for a specified cause>> } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	String1-5
properties	content simple
used by	element DelayCauseTime
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Identifies the delay (in minutes) of a train for a specified cause
source	<pre> <xss:element name="DelayMinutes" type="String1-5"> <xss:annotation> <xss:documentation>Identifies the delay (in minutes) of a train for a specified cause</xss:documentation> </xss:annotation> </xss:element> </pre>

element **DeliveryAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Destination DeliveryTimeAtDestination
used by	element WagonDeliveryNoticeMessage
annotation	<p>documentation</p> <p>Place, Date and Time when the wagon is ready to be picked up by the customer</p>
source	<pre> <xs:element name="DeliveryAtDestination"> <xs:annotation> <xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Destination"/> <xs:element ref="DeliveryTimeAtDestination"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **DeliveryReference**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
used by	elements ITU Details Wagons/WagonDetails									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>30</td> <td></td> </tr> </tbody> </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: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/3.2
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 ch...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> </xs:element></pre>

element **DepartureInterchangeReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
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 journey.</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element **DepartureTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	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.
source	<pre><xs:element name="DepartureTrackAtLocation" type="LocationIdent"> <xs:annotation></pre>

	<p><xs:documentation>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</p> <p></xs:annotation></p> <p></xs:element></p>
--	---

element Destination

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
properties	content complex

children	<u>LengthCode</u> <u>Length</u> <u>Width</u> <u>Height</u>
used by	element <u>ITU Details</u>
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:documentation>CODE: 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	
	Length code according to UIC leaflet 592-2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <u>xs:int</u>
properties	content simple
facets	Kind Value Annotation minInclusive 10 totalDigits 2
annotation	documentation Length code according to UIC leaflet 592-2 documentation CODE: UIC leaflet 592-2
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**

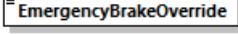
diagram	<p>The minimum duration of dwell time expressed in minutes</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of xs:decimal						
properties	content simple						
used by	element TimingAtLocation						
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <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> <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/3.2									
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"> <xs:annotation> <xs:documentation>Generic eMail address in Free text</xs:documentation> </xs:annotation> </xs:element> </pre>									

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

element **EmergencyBrakeOverride**

diagram	 EmergencyBrakeOverride Ability of the whole train (all wagons and traction units) to override the emergency brake signal
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Ability of the whole train (all wagons and traction units) to override the emergency brake signal
source	<pre><xs:element name="EmergencyBrakeOverride" type="xs:boolean"> <xs:annotation> <xs:documentation>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndDate**

diagram	 EndDate The end date/time in eff...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:date
properties	content simple
used by	complexType ValidityPeriod
annotation	documentation The end date/time in effect
source	<pre><xs:element name="EndDate" type="xs:date"> <xs:annotation> <xs:documentation>The end date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **EndDateTime**

diagram	 EndDateTime The end date/time in eff...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
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 --> MessageHeader ErrorMessage --> MessageStatus ErrorMessage --> AdministrativeContactInformation ErrorMessage --> ErrorCauseReference ErrorMessage --> Error ErrorMessage --> PlannedTransportIdentifiers ErrorMessage --> TransportOperationalIdentifiers </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader MessageStatus AdministrativeContactInformation ErrorCauseReference Error PlannedTransportIdentifiers TransportOperationalIdentifiers
annotation	<p>documentation</p> <p>This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.</p>
source	<pre> <xs:element name="ErrorMessage"> <xs:annotation> <xs: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.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="AdministrativeContactInformation"/> <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> <xs:element name="Error" maxOccurs="unbounded"> <xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:sequence> <xs:element name="TagReference" type="xs:string" minOccurs="0"> <xs:annotation> <xs:documentation>This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TypeOfError"> <xs:annotation> <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </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:sequence> <xs:element ref="PlannedTransportIdentifiers" maxOccurs="unbounded"/> </pre>
--	--

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

element ErrorMessage/ErrorCauseReference

diagram	<p>The reference to the message and its particular element(s) that caused the error is provided here</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre><xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/></pre>

element **ErrorMessage/Error**

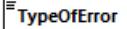
diagram	<pre> classDiagram class TagReference { This is a placeholder for XPath expression indicating the element of the original message which caused the error. } class TypeOfError { It is an enumerated type to indicate if the error was caused due to a business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 =... } class Severity { 1 = WARNING 2 = FATAL 3 = SEVER. 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the me... } class ErrorCode { 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 c... } class FreeTextField { Free T... } Error < -- TagReference Error < -- TypeOfError Error < -- Severity Error < -- ErrorCode Error < -- FreeTextField </pre>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
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> <xss:element name="Error" maxOccurs="unbounded"> <xss:complexType> <xss:sequence> <xss:element name="TagReference" type="xs:string" minOccurs="0"> <xss:annotation> <xss:documentation>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</xss:documentation> </xss:annotation> </xss:element> <xss:element name="TypeOfError"> <xss:annotation> <xss: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)</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction> <xss:enumeration base="xs:integer"> <xss:enumeration value="0"/> <xss:enumeration value="1"/> <xss:enumeration value="2"/> </xss:restriction> </xss:simpleType> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre>						

	<pre> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </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:sequence> <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/3.2
type	xs:string
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation</p> <p>This is a placeholder for XPath expression indicating the element of the original message which caused the error.</p>
source	<pre> <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> </pre>

element **ErrorMessage/Error/TypeOfError**

diagram	 TypeOfError 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 =...)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 business rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)
source	<pre> <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> <xs:enumeration base="xs:integer" value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:annotation> </xs:element> </pre>

element **ErrorMessage/Error/Severity**

diagram	 Severity 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the me...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
facets	Kind Value Annotation enumeration 1 enumeration 2 enumeration 3 enumeration 4

annotation	documentation 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.
source	<pre> <xs:element name="Severity"> <xs:annotation> <xs:documentation>1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </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 c..."</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	<p>documentation</p> <p>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level."</p>									
source	<pre> <xs:element name="ErrorCode"> <xs:annotation> <xs:documentation>To be defined: code list from 1 to 9999. Proposal from PathDossierErrorCode: "Standard values are between 5000 and 6000 (central maintained list). The values greater than 6000 can be used on national level."</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

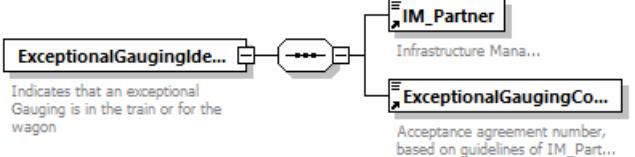
element **EstimatedEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
source	<xs:element name="EstimatedEndDateTime" type="xs:dateTime"/>

element **ExceptionalGaugingCode**

diagram	 Acceptance agreement number, based on guidelines of IM_Partner...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
used by	element ExceptionalGaugingIdent
facets	Kind Value Annotation minLength 1 maxLength 24
annotation	documentation Acceptance agreement number, based on guidelines of IM_Partner
source	<pre> <xs:element name="ExceptionalGaugingCode"> <xs:annotation> <xs:documentation>Acceptance agreement number, based on guidelines of IM_Partner</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ExceptionalGaugingIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<p>ExceptionalGaugingInd</p> <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/3.2
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	<p>ExceptionalGaugingProfile</p> <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/3.2									
type	restriction of xs:string									
properties	content simple									
used by	element WagonOperationalData									
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>minLength</td> <td>7</td> <td></td> </tr> <tr> <td>maxLength</td> <td>7</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	7		maxLength	7	
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> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ExceptionPoint**

diagram	<pre> classDiagram class ExceptionPoint { --> Location --> Responsible... --> WagonLocationStatus --> ScheduledTimeAtLocation --> ExceptionTimeAtLocation } class Location { "Identifies a Location using a LocationIdent" } class Responsible... { "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 ..." } class ScheduledTimeAtLocation { "Scheduled Date and Time at a location related to the status of the train or wagon at the given loca..." } class ExceptionTimeAtLocation { "The Date and Time when something unexpected happens during the transportation related to a location" } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Location ResponsibleRU WagonLocationStatus ScheduledTimeAtLocation ExceptionTimeAtLocation
used by	element WagonExceptionReport
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:element ref="ResponsibleRU"/> <xs:element ref="WagonLocationStatus"/> <xs:element ref="ScheduledTimeAtLocation"/> <xs:element ref="ExceptionTimeAtLocation"/> </xs:sequence> </xs:complexType> </pre>

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

element **ExceptionReason**

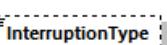
diagram	<p>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	WagonInterruptionReason InterruptionDescription InterruptionType
used by	element WagonExceptionReport
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> <xs:enumeration value="wagon" base="xs:token"> <xs:annotation> <xs:documentation>Damage does not cause an interruption of run</xs:documentation> </xs:annotation> </xs:enumeration> <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> <xs:length value="1"/> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre> <p>transport</p> <pre> <xs:annotation> <xs:enumeration value="1"/> </xs:annotation> <xs:enumeration value="0"/> <xs:annotation> <xs:documentation>Damage causes an interruption of transport run</xs:documentation> </xs:annotation> </xs:enumeration></pre>

	<pre> </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/3.2
type	restriction of xs:token
properties	minOcc 0 maxOcc 1 content simple
facets	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" /> <xs:enumeration value="change" /> <xs:enumeration value="other" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ExceptionReason/InterruptionType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:token
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 1 enumeration 0 documentation enumeration 1 Damage does not cause an interruption of transport run enumeration 2 documentation enumeration 2 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>
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element **ExceptionTimeAtLocation**

diagram	<p>ExceptionTimeAtLocation</p> <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/3.2
type	xs:dateTime
properties	content simple
used by	element ExceptionPoint
annotation	<p>documentation</p> <p>The Date and Time when something unexpected happens during the transportation related to a location</p>
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	<p>FaxNum...</p> <p>Generic Fax number in Free text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

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/3.2
type	xs:boolean
properties	content simple
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="FerryPermittedFlag" type="xs:boolean"/></pre>

element FreeTextField

diagram	 Free T...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
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>

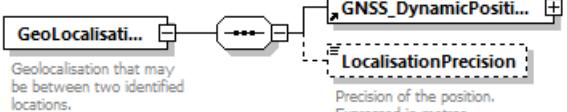
element **GeographicalCoordinates**

diagram	 GeographicalCoordinates Longitude and latitude as defined in UIC Leaflet 920-2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:string
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leaflet 920-2
source	<pre><xs:element name="GeographicalCoordinates" type="xs:string"> <xs:annotation> <xs:documentation>Longitude and latitude as defined in UIC Leaflet 920-2</xs:documentation> </xs:annotation> </xs:element></pre>

element **GeographicCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	GNSS_DynamicPosition LocalisationPrecision
used by	element GeoLocalisationOnNetwork
annotation	documentation Geolocation that may be between two identified locations.
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position. Expressed in metres.
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>GeoLocalisationOnNetwork</p> <p>Geolocalisation information crossed with network data.</p> <p>GeoLocalisation: Geolocalisation that may be between two identified locations.</p> <p>NetworkProjectedLocation: Projection of a geographical position on a network line.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	GeoLocalisation NetworkProjectedLocation
used by	element TrainLocationReport
annotation	<p>documentation</p> <p>Geolocalisation information crossed with network data.</p>
source	<pre> <xs:element name="GeoLocalisationOnNetwork"> <xs:annotation> <xs:documentation>Geolocalisation information crossed with network data.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="GeoLocalisation" minOccurs="0"/> <xs:element ref="NetworkProjectedLocation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **GNSS_DynamicPosition**

diagram	<p>GNSS_DynamicPosition</p> <p>GeographicCoordinates: Latitude and Longitude of location.</p> <p>CurrentSpeed</p> <p>Heading: Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</p> <p>AntennaDistanceFromFrontOfTrain: Distance of GNSS antenna from the front of the train, in meters.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	GeographicCoordinates CurrentSpeed Heading AntennaDistanceFromFrontOfTrain
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="Angle" minOccurs="0"/> <xs:element name="AntennaDistanceFromFrontOfTrain" type="Distance" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <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 GNSS antenna from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element GNSS_DynamicPosition/CurrentSpeed

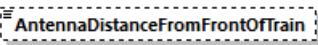
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Speed
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
source	<xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/>

element GNSS_DynamicPosition/Heading

diagram	
	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/3.2
type	xs:integer
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)
source	<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>

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

element **GNSS_DynamicPosition/AntennaDistanceFromFrontOfTrain**

diagram	 <p>Distance of GNSS antenna from the front of the train, in meters.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:float
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Distance of GNSS antenna 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 GNSS antenna from the front of the train, in meters.</xs:documentation> </xs:annotation> </xs:element> </pre>

element **Goods**

diagram	<pre> graph LR Goods[Goods] --- NoGoodsOfClassX[NoGoodsOfClassX] Goods --- RID[RID] Goods --- Packing[Packing] Goods --- NHM_Co[NHM_Co...] Goods --- PreviousLoadedGood[PreviousLoadedGood...] Goods --- GoodsDescription[GoodsDescription] Goods --- AdditionalGoodInformation[AdditionalGoodInformation...] Goods --- GrossWeight[GrossWeight] Goods --- HS_Code[HS_Code] Goods --- EWC_Key[EWC_Key] </pre> <p>Goods Describes the goods inside the means of transport</p> <p>NoGoodsOfClassX Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</p> <p>RID The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information 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 use...</p> <p>Packing Packing informat...</p> <p>NHM_Co... NHM code of the go...</p> <p>PreviousLoadedGood...</p> <p>GoodsDescription This element describes the goods of the shipment as free text</p> <p>AdditionalGoodInformation... Additional information regarding the loaded good, given by the custo...</p> <p>GrossWeight Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</p> <p>HS_Code HS-Code for sensible goods (appendix 44c of 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 m...</p> <p>EWC_Key Numeric key according to the European Waste Catal...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	NoGoodsOfClassX RID Packing NHM Code PreviousLoadedGood GoodsDescription AdditionalGoodInformation GrossWeight HS Code EWC Key
used by	elements WIMO Dataset/ConsignmentLevelData ITU RollingRoadUnit Wagons
annotation	documentation Describes the goods inside the means of transport
source	<pre> <xs:element <xs:annotation> <xs:documentation>Describes the goods inside the means of transport</xs:documentation> </xs:annotation> </xs:element> </pre>

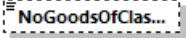
```

</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>
          <xs:minLength value="1"/>
          <xs:maxLength value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="RID" minOccurs="0"/>
    <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:annotation>
            <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation>
          </xs:element>
          <xs:annotation>
            <xs:documentation></xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction>
              <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>
              <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>
              <xs:maxLength value="35"/>
              <xs:minLength value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

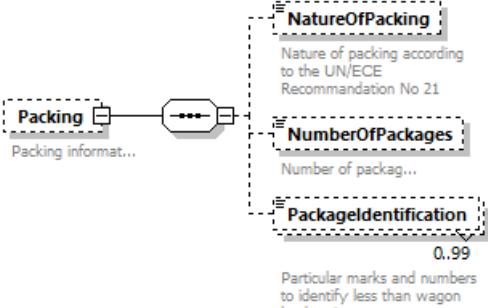
```

	<pre> </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> <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"> <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> <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> <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/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4
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:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Goods/Packing**

diagram	
	<p>Nature of packing according to the UN/ECE Recommendation No 21</p> <p>Number of packages</p> <p>Particular marks and numbers to identify less than wagon load assignments.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	NatureOfPacking NumberOfPackages PackagelIdentification
annotation	documentation Packing information

source	<pre> <xs:element name="Packing" minOccurs="0"> <xs:annotation> <xs:documentation>Packing information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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> <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 load assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
wagon	<pre> <xs:element name="NatureOfPacking" base="xs:string" value="1"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommendation No 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Goods/Packing/NatureOfPacking**

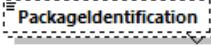
diagram	 <p>Nature of packing according to the UN/ECE Recommendation No 21</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Nature of packing according to the UN/ECE Recommandation No 21 documentation CODE: UN/ECE-Recommendation 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-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

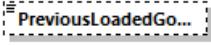
element **Goods/Packing/NumberOfPackages**

diagram	 NumberOfPackages Number of packages...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Goods/Packing/Packagelidentification**

diagram	 Packagelidentification 0.99 Particular marks and numbers to identify less than wagon load assignments.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 assignments.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength <xs:minLength </xs:restriction> </xs:simpleType> </xs:element></pre>

element **Goods/PreviousLoadedGood**

diagram	 PreviousLoadedGood
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 **Goods/AdditionalGoodInformation**

diagram	 AdditionalGoodInformation Additional information regarding the loaded good, given by the custo...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string

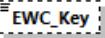
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Additional information regarding the loaded good, given by the customer.
source	<pre><xs:element name="AdditionalGoodInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element Goods/HS_Code

diagram	 <p>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes m...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:simpleType> <xs:restriction> <xs:minLength value="6"/> <xs:maxLength value="10"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

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

element **Goods/EWC_Key**

diagram	 EWC_Key Numeric key according to the European Waste Catalogue
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **GoodsDescription**

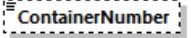
diagram	 This element describes the goods of the shipment as free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
used by	element Goods
facets	Kind Value Annotation minLength 1 maxLength 255

annotation	documentation This element describes the goods of the shipment as free text
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>

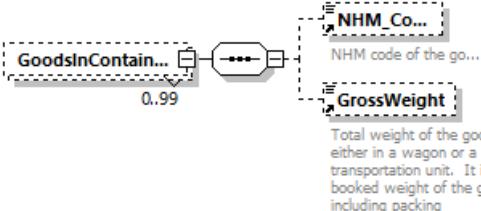
element **GoodsInWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

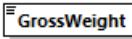
element **GoodsInWagon/ContainerNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	EquipmentNumberType
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 13
source	<code><xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/></code>

element **GoodsInWagon/GoodsInContainer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 99 content complex
children	NHM Code GrossWeight
source	<code><xs:element name="GoodsInContainer" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="NHM_Code" /> <xs:element ref="GrossWeight" /> </xs:sequence> </xs:complexType> </xs:element></code>

element **GrossWeight**

diagram	
	Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	WeightValueKilo
properties	content simple
used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon
facets	Kind Value Annotation minInclusive 0

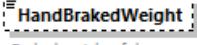
	maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing
source	<pre><xs:element name="GrossWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</xs:documentation> </xs:annotation> </xs:element></pre>

element HandBrake

diagram	<p>The diagram illustrates the structure of the HandBrake element. It consists of three main components: HandBrakeType, HandBrakedWeight, and ParkingBrakeForce. HandBrake is associated with HandBrakeType, HandBrakedWeight, and ParkingBrakeForce.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	HandBrakeType HandBrakedWeight ParkingBrakeForce
used by	element RollingStockDataset/DesignDataSet
source	<pre><xs:element name="HandBrake"> <xs:complexType> <xs:sequence> <xs:element ref="HandBrakeType"/> <xs:element name="HandBrakedWeight" minOccurs="0"> <xs:annotation> <xs:documentation>Braked weight of the hand brake in tons</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ParkingBrakeForce" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

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

element **HandBrake/HandBrakedWeight**

diagram	 <p>Braked weight of the hand brake in tons</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	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	 <p>Special instructions regarding the handling of the wagon or shipment in free text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
facets	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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers ReasonOfReference
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage
source	<pre> <xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element ref="RelatedPlannedTransportIdentifiers"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element ref="ReasonOfReference" minOccurs="0"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element></pre>
--	---

element **IM_Partner**

diagram	IM_Partner Infrastructure Mana...												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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	ImpactedRU The RU impacted by a restriction												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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>												

element **IntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2									
type	FreeText									
properties	content simple									
used by	DelayCauseTime InterruptionPoint/Interruption InterruptionInformation 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	 InterruptionDateTime <small>Date and Time when the Train was interrupted</small>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
used by	elements InterruptionPoint/InterruptionInformation
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	 InterruptionDescription <small>The free text description of an interruption</small>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
used by	elements ChangeofTrackMessage ExceptionReason InterruptionPoint/InterruptionInformation
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...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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**

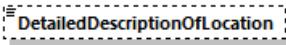
diagram	<pre> classDiagram class InterruptionPoint { <<describes the interruption points with location and the reason for the interruption>> } class Location { <<Identifies a Location using a LocationIdent>> } class DetailedDescriptionOfLocation { <<DetailedDescriptionOfLocation>> } class Interruption { <<Interruption>> } class BookedLocationDateTime { <<BookedLocationDateTime>> } class ReferencedLocationDateTime { <<ReferencedLocationDateTime>> } class InterruptionDuration { <<InterruptionDuration>> } class Remarks { <<Remarks>> } InterruptionPoint < -- Location InterruptionPoint --> DetailedDescriptionOfLocation InterruptionPoint --> Interruption InterruptionPoint --> BookedLocationDateTime InterruptionPoint --> ReferencedLocationDateTime InterruptionPoint --> InterruptionDuration InterruptionPoint --> Remarks </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Location DetailedDescriptionOfLocation Interruption BookedLocationDateTime ReferencedLocationDateTime InterruptionDuration Remarks
used by	element TrainRunningInterruptionMessage
annotation	documentation describes the interruption points with location and the reason for the interruption
source	<pre> <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:element ref="InterruptionDateTime" /> <xsd:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xsd:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element> <xsd:element ref="BookedLocationDateTime" minOccurs="0"> <xsd:annotation> <xsd:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xsd:documentation> </xsd:annotation> </xsd:element> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>

```

        </xs:annotation>
    </xs:element>
    <xs:element      ref="ReferencedLocationDateTime"      minOccurs="0"/>
    <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>
    <xs:element      ref="Remarks"      minOccurs="0"      maxOccurs="unbounded">
        <xs:annotation>
            <xs:documentation>To provide any additional information to the RU
or next IM (e.g. contact person, next steps, etc)</xs:documentation>
        </xs:annotation>
    </xs:element>
    <xs:sequence>
        </xs:complexType>
    </xs:element>

```

element InterruptionPoint/DetailedDescriptionOfLocation

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	FreeText									
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>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="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/></pre>									

element **InterruptionPoint/Interruption**

diagram	<pre> classDiagram class Interruption class InterruptionReason class InterruptionDateTime class InterruptionDescription class InternalReferenceIdentifier Interruption < -- InterruptionReason Interruption < -- InterruptionDateTime Interruption < -- InterruptionDescription Interruption --> InternalReferenceIdentifier </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	InterruptionReason InterruptionDateTime InterruptionDescription InternalReferenceIdentifier
source	<pre> <xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" minOccurs="0"/> <xs:element ref="InterruptionDateTime" /> <xs:element ref="InterruptionDescription" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration**

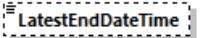
diagram	<pre> classDiagram class InterruptionDuration class EarliestEndDateTime class LatestEndDateTime InterruptionDuration < -- EarliestEndDateTime InterruptionDuration < -- LatestEndDateTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	EarliestEndDateTime LatestEndDateTime
annotation	documentation To specify the probable duration of the interruption
source	<pre> <xs:element name="InterruptionDuration" minOccurs="0"> <xs:annotation> <xs:documentation>To specify the probable duration of the interruption</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="EarliestEndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> <xs:element name="LatestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted latest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

diagram	 <p>EarliestEndDateTime</p> <p>Forecasted earliest time for end of interruption</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption
source	<pre> <xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation> </xs:annotation> </xs:element> </pre>

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

diagram	 <p>LatestEndDateTime</p> <p>Forecasted latest time for end of interruption</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

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

element **InterruptionReason**

diagram	 InterruptionReason This element identifies the reason for an interruption of the train running																																																																																																									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																																																																									
type	DelayCode																																																																																																									
properties	content simple																																																																																																									
used by	elements ChangeofTrackMessage InterruptionPoint/Interruption InterruptionInformation																																																																																																									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>11</td><td></td></tr> <tr><td>enumeration</td><td>10</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>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <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>28</td><td></td></tr> <tr><td>enumeration</td><td>29</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>39</td><td></td></tr> <tr><td>enumeration</td><td>40</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> <tr><td>enumeration</td><td>51</td><td></td></tr> <tr><td>enumeration</td><td>52</td><td></td></tr> <tr><td>enumeration</td><td>53</td><td></td></tr> <tr><td>enumeration</td><td>54</td><td></td></tr> <tr><td>enumeration</td><td>58</td><td></td></tr> <tr><td>enumeration</td><td>59</td><td></td></tr> <tr><td>enumeration</td><td>60</td><td></td></tr> <tr><td>enumeration</td><td>61</td><td></td></tr> <tr><td>enumeration</td><td>62</td><td></td></tr> <tr><td>enumeration</td><td>63</td><td></td></tr> <tr><td>enumeration</td><td>64</td><td></td></tr> <tr><td>enumeration</td><td>68</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11		enumeration	10		enumeration	12		enumeration	13		enumeration	14		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	28		enumeration	29		enumeration	31		enumeration	30		enumeration	32		enumeration	39		enumeration	40		enumeration	41		enumeration	50		enumeration	51		enumeration	52		enumeration	53		enumeration	54		enumeration	58		enumeration	59		enumeration	60		enumeration	61		enumeration	62		enumeration	63		enumeration	64		enumeration	68	
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	enumeration 70 enumeration 69 enumeration 71 enumeration 80 enumeration 81 enumeration 82 enumeration 83 enumeration 84 enumeration 89 enumeration 90 enumeration 91 enumeration 92 enumeration 93 enumeration 94 enumeration 95
annotation	documentation This element identifies the reason for an interruption of the train running
source	<pre><xs:element name="InterruptionReason" type="DelayCode"> <xs:annotation> <xs:documentation>This element identifies the reason for an interruption of the train running</xs:documentation> </xs:annotation> </xs:element></pre>

element **ITU**

diagram	<p>The diagram illustrates the structure of the ITU element. It consists of three main components: ITU, ITU_Details, and Goo.... The ITU component is described as 'Describes the type and content of an IntermodalTransportUnit...'. It is connected to the ITU_Details component, which is described as 'Details for Intermodal Transport Unit on wa...'. The ITU_Details component is also connected to the Goo... component, which is described as 'Describes the goods inside the means of transport'. Additionally, there is a dashed box labeled SummaryOfGoodsWithSameRID with a value of 0.25, which is described as 'This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and 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/3.2
properties	content complex
children	ITU Details Goods SummaryOfGoodsWithSameRID
used by	element Wagons
annotation	documentation Describes the type and content of an IntermodalTransportUnit
source	<pre><xs:element name="ITU"> <xs:annotation> <xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation> </xs:annotation></pre>

	<pre><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>
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element **ITU_Details**

diagram	<pre> graph LR ITU_Details[ITU_Details] --- ITU_Type[ITU_Type] ITU_Details --- Number[Number] ITU_Details --- LoadingStatus[LoadingStatus] ITU_Details --- ITU_TypeDetail[ITU_TypeDetail] ITU_Details --- Prefix[Prefix] ITU_Details --- Checkdigit[Checkdigit] ITU_Details --- Dimensions[Dimensions] ITU_Details --- TareWeight[TareWeight] 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>Details for ITU on wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:element> </pre>

	<pre> </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"> <xs:minLength value="1"/> <xs:maxLength 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:sequence> </xs:complexType> </pre>
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	<pre> </xs:restriction> </xs:simpleType> </xs:element> <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 regulations </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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> <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 company. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </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> </pre>
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	<pre> <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>
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element **ITU_Details/Number**

diagram	Number <small>ITU num...</small>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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 </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="EquipmentNumberType"/> </xs:simpleType> </xs:element> </pre>									

element **ITU_Details/ITU_TypeDetail**

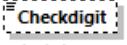
diagram	ITU_TypeDetail																																							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																							
type	restriction of xs:token																																							
properties	content simple																																							
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>BX</td> <td></td> </tr> <tr> <td>enumeration</td> <td>BK</td> <td></td> </tr> <tr> <td>enumeration</td> <td>FL</td> <td></td> </tr> <tr> <td>enumeration</td> <td>HT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>HC</td> <td></td> </tr> <tr> <td>enumeration</td> <td>IN</td> <td></td> </tr> <tr> <td>enumeration</td> <td>OT</td> <td></td> </tr> <tr> <td>enumeration</td> <td>HH</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PW</td> <td></td> </tr> <tr> <td>enumeration</td> <td>OS</td> <td></td> </tr> <tr> <td>enumeration</td> <td>RF</td> <td></td> </tr> <tr> <td>enumeration</td> <td>SD</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	BX		enumeration	BK		enumeration	FL		enumeration	HT		enumeration	HC		enumeration	IN		enumeration	OT		enumeration	HH		enumeration	PW		enumeration	OS		enumeration	RF		enumeration	SD	
Kind	Value	Annotation																																						
enumeration	BX																																							
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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"> value="BX"/> value="BK"/> value="FL"/> value="HT"/> value="HC"/> value="IN"/> value="OT"/> value="HH"/> value="PW"/> value="OS"/> value="RF"/> value="SD"/> value="SL"/> value="VE"/> value="TC"/> value="RH"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>	

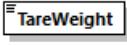
element **ITU_Details/Prefix**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Prefix
source	<pre> <xs:element name="Prefix" minOccurs="0"> <xs:annotation> <xs:documentation>Prefix</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> value="1"/> value="5"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

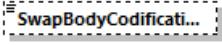
element **ITU_Details/Checkdigit**

diagram	 Check d...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:int
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
annotation	documentation Check digit
source	<pre><xs:element name="Checkdigit" minOccurs="0"> <xs:annotation> <xs:documentation>Check </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:totalDigits </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ITU_Details/TareWeight**

diagram	 Tare weight [kg] of ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	WeightValueKilo
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Tare weight [kg] of UTI.
source	<pre><xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTI.</xs:documentation> </xs:annotation> </xs:element></pre>

element **ITU_Details/SwapBodyCodification**

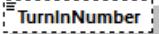
diagram	 Codification used for swap bodies according to UIC/UIRR regulations
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:string		
properties	minOcc 0 maxOcc 1 content simple		
facets	Kind Value Annotation minLength 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> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>		

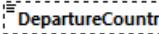
element **ITU_Details/Forwarding**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

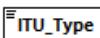
element **ITU_Details/TurnInNumber**

diagram	 TurnInNumber Reference number used for empty containers in depots of shipping company.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 company.</xs:documentation> shipping </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

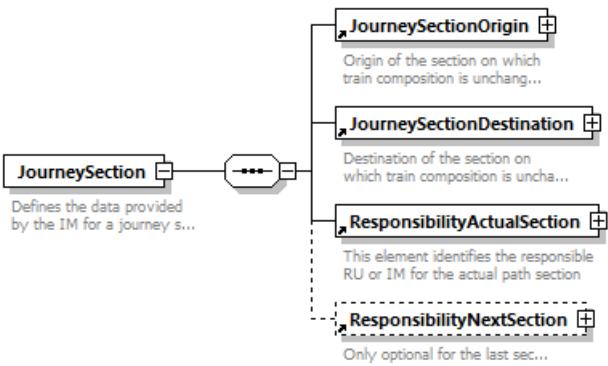
element **ITU_Details/DepartureCountry**

diagram	 DepartureCountry Code of departure country of the UTI.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	 ITU_Type Type of ITU. Further information is given for each enumeration element.												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of EquipmentTypeType												
properties	content simple												
used by	element ITU_Details												
facets	<table border="1"> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>cn</td> <td>documentation Container</td> </tr> <tr> <td>enumeration</td> <td>sw</td> <td>documentation swap body</td> </tr> <tr> <td>enumeration</td> <td>te</td> <td>documentation Trailer (RollingRoad)</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	cn	documentation Container	enumeration	sw	documentation swap body	enumeration	te	documentation Trailer (RollingRoad)
Kind	Value	Annotation											
enumeration	cn	documentation Container											
enumeration	sw	documentation swap body											
enumeration	te	documentation Trailer (RollingRoad)											
annotation	documentation Type of 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	 Defines the data provided by the IM for a journey section.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	JourneySectionOrigin JourneySectionDestination ResponsibilityActualSection ResponsibilityNextSection
used by	element TrainCompositionJourneySection
annotation	documentation Defines the data provided by the IM for a journey section
source	<pre><xs:element name="JourneySection"></pre>

	<pre> <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 class LocationPrimaryCode class PrimaryLocationName class LocationSubsidiaryIdentification class BookedLocationDateTime JourneySectionDestination < -- LocationIdent JourneySectionDestination "1" -- "1" CountryCodeISO JourneySectionDestination "1" -- "1" LocationPrimaryCode JourneySectionDestination "1" -- "1" PrimaryLocationName JourneySectionDestination "1" -- "1" LocationSubsidiaryIdentification JourneySectionDestination "1" -- "1" BookedLocationDateTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification BookedLocationDateTime
used by	element JourneySection
annotation	documentation Destination of the section on which train composition is unchanged
source	<pre> <xs:element name="JourneySectionDestination"> <xs:annotation> <xs:documentation>Destination of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> </xs:complexType> </xs:element> </pre>

	<pre> <xs:extension <xs:sequence <xs:element ref="BookedLocationDateTime" base="LocationIdent"> minOccurs="0" </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>
--	--

element **JourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:element name="JourneySectionOrigin"> <xs:annotation> <xs:documentation>Origin of the section on which train composition is unchanged</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension <xs:sequence <xs:element ref="BookedLocationDateTime" base="LocationIdent"> minOccurs="0" </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </xs: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/3.2
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 keeper</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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/3.2
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/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompanyCode
properties	content simple
used by	elements Customers PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Lead Railway Undertaking
source	<pre><xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element></pre>

element **Length**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>
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element **LengthOfSetOfCarriages**

diagram	<p>LengthOfSetOfCarriages</p> <p>The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	Numeric4-4									
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>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	<p>documentation</p> <p>The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.</p>									
source	<pre> <xs:element name="LengthOfSetOfCarriages" type="Numeric4-4"> <xs:annotation> <xs: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.</xs:documentation> </xs:annotation> </xs:element> </pre>									

element **LengthOverBuffers**

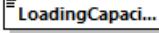
diagram	<p>LengthOverBuffers</p> <p>Length over buffers is expressed in cm.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple

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> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **LoadArea**

diagram	 Payload Area - measured in M2
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **LoadingCapacity**

diagram	 Usable Cube - measured in M3
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:decimal									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>totalDigits</td> <td>5</td> <td></td> </tr> <tr> <td>fractionDigits</td> <td>1</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	totalDigits	5		fractionDigits	1	
Kind	Value	Annotation								
totalDigits	5									
fractionDigits	1									
annotation	documentation Usable Cube - measured in M3									
source	<pre> <xs:element name="LoadingCapacity"> <xs:annotation> <xs:documentation>Usable Cube - measured in M3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **LoadingFacility**

diagram	<p>The diagram illustrates the relationship between the LoadingFacility element and its children. LoadingFacility is connected to CustomerNumber and AdministrativeContactInformation. A callout box for CustomerNumber states: "Identifies the loading facility (in case of message type = ORU)". Another callout box for AdministrativeContactInformation states: "Used to define administrative contact information".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	CustomerNumber AdministrativeContactInformation
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint ConsignmentOrderMessage/COMS/COM/DeliveryPoint
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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
properties	content simple									
used by	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	<p>documentation</p> <p>Loading status of the equipment. 0=Empty, 1=Loaded</p>									
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	LoadingTackleType Quantity TotalWeightLoadingTackles TypeDescription
used by	element Wagons
annotation	<p>documentation</p> <p>Describes the loading tackles used inside the wagon</p>

source	<pre> <xs:element name="LoadingTackles"> <xs:annotation> <xs:documentation>Describes the loading tackles used inside the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LoadingTackleType"> <xs:annotation> <xs: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. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> <xs:element ref="Quantity"/> <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> <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> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **LoadingTackles/LoadingTackleType**

diagram	 <p>LoadingTackleType</p> <p>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...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
annotation	<p>documentation</p> <p>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.</p>

source	<pre> <xs:element name="LoadingTackleType"> <xs:annotation> <xs: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. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element> </pre>
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element **LoadingTackles/TotalWeightLoadingTackles**

diagram	<div style="border: 1px solid black; padding: 2px;">TotalWeightLoadingTackles</div> <p>Total weight of the loading tackles (kg) of the specified type</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	WeightValueKilo												
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>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 loading tackles (kg) of the specified type</p>												
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	<div style="border: 1px dashed black; padding: 2px;">TypeDescription</div> <p>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></td> </tr> </tbody> </table>	minOcc	0		maxOcc	1		content	simple	
minOcc	0									
maxOcc	1									
content	simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>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>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</p>									
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:element> </pre>									

	the UN/EDIFACT	8053	list.</xs:documentation>
	</xs:annotation> <xss:simpleType> <xss:restriction> <xss:maxLength> <xss:minLength> </xss:restriction> </xss:simpleType> </xss:element>		base="xs:string"> value="35"/> value="1"/>

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 "3" -- "1" LocationIdent LocationIdent "*" -- "1" CountryCodeISO LocationIdent "*" -- "1" LocationPrimaryCode LocationIdent "*" -- "1" PrimaryLocationName LocationIdent "*" -- "1" LocationSubsidiaryIdentification </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements ArrivalInterchangeReport ConsignmentOrderMessage/COMS/COM/CustomsProcedures DepartureInterchangeReport ExceptionPoint InterruptionPoint LocationModified ProductionStation SpecialTreatments TrainForecastAtReportingLocationMessage TrainLocationReport WagonAtDeparture WagonEventInformation WagonPickupAtOrigin YardArrival YardDeparture
annotation	documentation Identifies a Location using a LocationIdent
source	<pre> <xss:element name="Location" type="LocationIdent"> <xss:annotation> <xss:documentation>Identifies a Location using a LocationIdent</xss:documentation> </xss:annotation> </xss:element> </pre>

element **LocationActualTrack**

diagram	<pre> classDiagram class LocationActualTrack class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } LocationActualTrack "1" -- "1" LocationIdent </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<xs:element name="LocationActualTrack" type="LocationIdent"/>

element **LocationDateTime**

diagram	<pre> classDiagram class LocationDateTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
used by	elements TrainAtLocation TrainLocationReport
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point
source	<xs:element name="LocationDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Identifies the actual or forecasted Date / Time at a specific reporting point</xs:documentation> </xs:annotation> </xs:element>

element **LocationFileDatasetMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader MessageStatus CountryCodeISO LocationPrimaryCode LocationPrimaryInformation LocationSubsidiaryInformation
annotation	<p>documentation</p> <p>Used to Create, Modify or Update the LocationIdent Reference File</p>
source	<pre> <xs:element name="LocationFileDatasetMessage"> <xs:annotation> <xs:documentation> Used to Create, Modify or Update the LocationIdent Reference File</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="CountryCodeISO"/> <xs:element ref="LocationPrimaryCode"/> <xs:choice> <xs:element ref="LocationPrimaryInformation"/> <xs:element ref="LocationSubsidiaryInformation"/> </xs:choice> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LocationModified**

diagram	<p>This element shows the Location that has been changed for the train run...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Location ModificationStatusIndicator TrainLocationStatus BookedLocationDateTime
used by	element TrainJourneyModification
annotation	<p>documentation</p> <p>This element shows the Location that has been changed for the train run</p>
source	<pre> <xs:element name="LocationModified"> <xs:annotation> <xs:documentation>This element shows the Location that has been changed for the train run</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="ModificationStatusIndicator"/> <xs:element ref="TrainLocationStatus" minOccurs="0"/> <xs:element ref="BookedLocationDateTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LocationPlannedTrack**

diagram	<p>LocationIdent</p> <p>Identifies a County or State by code (ISO 3166-2).</p> <p>CountryCodeISO</p> <p>Identifies a County or State by code (ISO 3166-2).</p> <p>LocationPrimaryCode</p> <p>PrimaryLocationName</p> <p>LocationSubsidiaryIdentification</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	element ChangeofTrackMessage
source	<code><xs:element name="LocationPlannedTrack" type="LocationIdent"/></code>

element [**LocationPrimaryCode**](#)

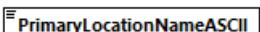
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric1-5
properties	content simple
used by	element LocationFileDatasetMessage complexType LocationIdent
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
source	<code><xs:element name="LocationPrimaryCode" type="Numeric1-5"/></code>

element **LocationPrimaryInformation**

diagram	<pre> classDiagram class LocationPrimaryInformation { LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII LocationValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag FreightValidityPeriod PassengerFlag PassengerValidityPeriod GeographicCoordinates NUTS_Code Comments } class LocationPrimaryInformation { <>--> LocationPrimaryInformation : Required for Primary Location Add, Update, of a Location Prim... } class LocationPrimaryName class ResponsibleIM class PrimaryLocationNameASCII class LocationValidityPeriod class ContainerHandlingFlag class HandoverPointFlag class FreightFlag class FreightValidityPeriod class PassengerFlag class PassengerValidityPeriod class GeographicCoordinates class NUTS_Code class Comments </pre> <p>The diagram illustrates the structure of the LocationPrimaryInformation element. It consists of several attributes and their descriptions:</p> <ul style="list-style-type: none"> LocationPrimaryName: Location Name in an officiation language of the Country, using the ISO Unicode alph... 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 t... PrimaryLocationNameASCII: the location name in free text, using ASCII character set LocationValidityPeriod ContainerHandlingFlag: This establishment is able to handle container traffic HandoverPointFlag: Identifies if the location is a Handover Point from IM to... FreightFlag: Identifies that the Entity or Location is for Freight Acti... FreightValidityPeriod PassengerFlag: Identifies that the Entity or Location is for Passenger Activity PassengerValidityPeriod GeographicCoordinates: Latitude and Longitude of locati... 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>A note at the bottom left of the diagram states: "Required for Primary Location Add, Update, of a Location Prim...".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII LocationValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag FreightValidityPeriod PassengerFlag PassengerValidityPeriod GeographicCoordinates NUTS_Code Comments
used by	element LocationFileDatasetMessage
annotation	documentation Required for Primary Location Add, Update, of a Location Primary Code
source	<pre> <xss:element <xss:annotation> <xss:documentation>Required for Primary Location Add, Update, of a Location </xss:documentation> </xss:annotation> </xss:element> </pre>

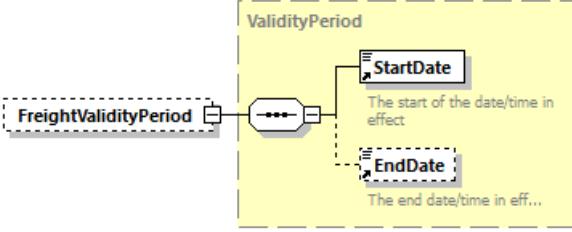
	<p>Primary</p> <pre></xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationPrimaryName"/> <xs:element ref="ResponsibleIM"/> <xs:element name="PrimaryLocationNameASCII"> <xs:annotation> <xs:documentation>the location name in free text, using ASCII character set</xs:documentation> </xs:annotation>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

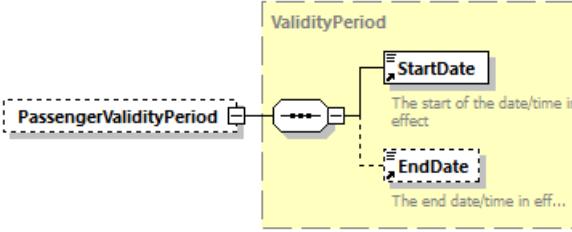
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation the location name in free text, using ASCII character set
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> <xs:minLength value="1"/> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **LocationPrimaryInformation/FreightValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	ValidityPeriod
properties	minOcc 0 maxOcc 1 content complex
children	StartDate EndDate
source	<pre><xs:element name="FreightValidityPeriod" type="ValidityPeriod" minOccurs="0"/></pre>

element **LocationPrimaryInformation/PassengerValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	ValidityPeriod
properties	minOcc 0 maxOcc 1 content complex
children	StartDate EndDate
source	<xs:element name="PassengerValidityPeriod" type="ValidityPeriod" minOccurs="0"/>

element [LocationPrimaryInformation/NUTS_Code](#)

diagram	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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 50
annotation	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
source	<xs:element name="NUTS_Code" minOccurs="0"> <xs:annotation> <xs:documentation>Nomenclature for Territorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength> <xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element>

element [LocationPrimaryName](#)

diagram	LocationPrimaryName Location Name in an officiation language of the Country using the ISO Unicode alph...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
used by	element LocationPrimaryInformation
annotation	documentation Location Name in an officiation language of the Country using the ISO Unicode alphabet
source	<xs:element name="LocationPrimaryName">

	<pre><xs:annotation> <xs:documentation>Location Name in an official language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element></pre>
--	--

element **LocationSubsidiaryCode**

diagram	<p>attributes</p> <table border="1"> <tr> <td>LocationSubsidiaryTypeCo...</td> </tr> </table> <p>New codes added:</p> <ul style="list-style-type: none"> 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); 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 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 45 Sewage dump Place for cleaning purposes - disposal of the waste 46 Refuelling Point Location where refuelling takes place 47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48 Water Supply Location where water supply can be provided for the rolling stock 49 Compressed plant Train on a track with motion stabilized with external air supply for braking systems 50 Indoor cleaning platform Cleaning point -interior 51 Car-wash plant Cleaning point -outdoor 52 Short dry-cleaning track Cleaning point 53 Pollution protective plate Track where floor that avoids pollution of the earth below 54 Sand-filling station Location where sand is filled 55 Repair track Location where a train/wagon/engine can be repaired 56 Signal box The location of a building containing signalling equipment 58 OSJD system based location 59 Train Service Substitute Stop 60 Multifunctional rail terminal 61 Relief facility 70 Network Border 71 State border 72 Administrative border 74 Operational handover 75 Planning handover 76 Other technical facility <p>LocationSubsidiaryCode</p> <p>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"</p>	LocationSubsidiaryTypeCo...								
LocationSubsidiaryTypeCo...										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	extension of String1-10									
properties	content complex									
used by	elements LocationSubsidiaryIdentification LocationSubsidiaryInformation									
facets	<table border="1"> <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 border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Default</th> <th>Fixed</th> <th>Annotation</th> </tr> </thead> </table>	Name	Type	Use	Default	Fixed	Annotation			
Name	Type	Use	Default	Fixed	Annotation					

	LocationSubsidiaryTypeCode	derived by: required xs:token	documentation
			New codes added: 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). 43
			Passenger cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train 44
			Passenger cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train 45
			Sewage dump Place for cleaning purposes - disposal of the waste 46
			Refuelling Point Location where refuelling takes place 47
			Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48
			Water Supply Location where water supply can be provided for the rolling stock 49
			Compressed plant Train on a track with motion

	<p>stabled with external air supply for braking systems</p> <p>50 Indoor cleaning platform Cleaning point -interior</p> <p>51 Car-wash plant Cleaning point -outdoor</p> <p>52 Short dry-cleaning track Cleaning point</p> <p>53 Pollution protective plate Track</p> <p>where floor that avoids pollution of the earth below</p> <p>54 Sand-filling station Location</p> <p>where sand is filled</p> <p>55 Repair track Location</p> <p>where a train/wagon/engine can be repaired</p> <p>56 Signal box The location of a building containing signalling equipment</p> <p>58 OSJD system based location</p> <p>59 Train Service Substitute Stop</p> <p>60 Multifunctional rail terminal</p> <p>61 Relief facility</p> <p>70 Network Border</p> <p>71 State border</p> <p>72 Administrative border</p> <p>74 Operational handover</p> <p>75 Planning handover</p> <p>76 Other technical facility</p>
annotation	<p>documentation</p> <p>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"</p>
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></pre>

	<pre> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension <xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>
--	--

element LocationSubsidiaryIdentification

diagram	<p>Code, Name and allocation company of Subsidiary Location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

element **LocationSubsidiaryInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	LocationSubsidiaryCode LocationSubsidiaryName AllocationCompany LocationValidityPeriod 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="LocationValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **LocationSubsidiaryName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 [LocationValidityPeriod](#)

diagram	<pre> classDiagram class LocationValidityPeriod { <<ValidityPeriod>> } class ValidityPeriod { <<ValidityPeriod>> <<StartDate>> <<EndDate>> } LocationValidityPeriod "1" -- "1" ValidityPeriod ValidityPeriod "1" -- "1" StartDate ValidityPeriod "1" -- "1" EndDate </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	ValidityPeriod
properties	content complex
children	StartDate EndDate
used by	LocationPrimaryInformation LocationSubsidiaryInformation
source	<pre><xs:element name="LocationValidityPeriod" type="ValidityPeriod"/></pre>

element [LocoNumber](#)

diagram	<p>Identifies the number of the locomotive, usually the European Vehicle Number on 12N. It is currently not restricted only to numeric values.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
used by	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"> <xs:maxLength value="12"/> <xs:minLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element LocoTypeNumber

diagram	<p>The diagram illustrates the structure of the LocoTypeNumber element. It is a composite identifier consisting of several components:</p> <ul style="list-style-type: none"> TypeCode1: Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756. TypeCode2: Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756. CountryCode: Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756. 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. 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 with... ControlDigit: 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit
used by	elements TrainCompositionJourneySection/Locident 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. </pre>

First four elements identify the series of the loco, rest can identify the exact individual locomotive

```

</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>
          <xs:minLength value="1"/>
          <xs:whiteSpace value="replace"/>
          <xsmaxLength 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: Electric, Diesel, Steam, Hybrid:-->
      <xs:simpleType>
        <xs:restriction>
          <xs:minLength value="1"/>
          <xs:whiteSpace value="replace"/>
          <xsmaxLength 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>
          <xs:minLength value="2"/>
          <xs:whiteSpace value="replace"/>
          <xsmaxLength 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>
          <xs:minLength value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

	<pre> <xs:whiteSpace <xs:maxLength <xs:pattern </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 </xs:annotation> <!--Not necessary for Planning. Composite identifier should be unique with the series number inside one country:--> <xs:simpleType> <xs:restriction> <xs:minLength <xs:whiteSpace <xs:maxLength <xs:pattern </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> <xs:minLength <xs:whiteSpace <xs:maxLength <xs:pattern </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element LocoTypeNumber/TypeCode1

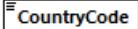
diagram	 <p>Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple

	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>

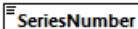
element LocoTypeNumber/TypeCode2

diagram																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
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: Electric, 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	 CountryCode Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2 whiteSpace replace pattern [0-9]{2}
annotation	documentation Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756
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	 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
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
facets	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"></pre>

	<pre> <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> <xs:minLength <xs:whiteSpace <xs:maxLength <xs:pattern </xs:restriction> </xs:simpleType> <xs:base> <xs:value>"4"/> <xs:value>"replace"/> <xs:value>"4"/> <xs:value>"[0-9]{4}"</xs:value> </xs:base> </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/3.2															
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</p> <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>															
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> <xs:minLength <xs:whiteSpace <xs:maxLength <xs:pattern </xs:restriction> </xs:simpleType> <xs:base> <xs:value>"3"/> <xs:value>"replace"/> <xs:value>"3"/> <xs:value>"[0-9]{3}"</xs:value> </xs:base> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element **LocoTypeNumber/ControlDigit**

diagram	 ControlDigit 1 control digit as usual at the end of the 12 digit UIC identifier. Not used in Planning
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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> <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	 Longitu... Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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></pre>

	<pre><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	MaxAxeWeig... Indicates the maximum design axle weight (to).									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	MaxDesignSpe... Maximum approved speed of the wagon (km/h)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	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</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre>(km/h)</xs:documentation> </xs:annotation> <xssimpleType> <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xssimpleType> </xs:element></pre>	<pre>base="xs:integer"> value="1"/> value="999"/></pre>
--	---	--

element MaxGrossWeight

diagram	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> MaxGrossWeig... </div> <p>Weight of max Gross Load Weight plus the tare weight of the equipment</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	WeightValueKilo												
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>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>Weight of max Gross Load Weight plus the tare weight of the equipment</p>												
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	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> MaxLengthOfLo... </div> <p>Measured in ...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	<p>documentation</p> <p>Measured in mm</p>									
source	<pre><xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

	<pre> </xs:annotation> <xssimpleType> <xs:restriction> <xs:minInclusive> <xs:maxInclusive> </xs:restriction> </xssimpleType> </xs:element> </pre>	<pre> base="xs:integer"> value="1"/> value="999999"/> </pre>
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element **MaxTemp**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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> <xs:minInclusive> <xs:maxInclusive> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Measure**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:token									
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>enumeration</td> <td>ft</td> <td></td> </tr> <tr> <td>enumeration</td> <td>mm</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	ft		enumeration	mm	
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>
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element **MessageDateTimeCreated**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>The diagram shows the MessageHeader class with a multiplicity of 1..* on its side. It is associated with five other classes: MessageReference, MessageRouting..., SenderReference, Sender, and Recipient. Each association has a small description box below it.</p> <ul style="list-style-type: none"> MessageReference: This element identifies the message. MessageRouting...: Additional information used to route the message to the correct receiving application (if needed). SenderReference: reference used by the sender (e.g. FTP file name). Sender: The sender of the mess... MessageDateTimeCreated: Date and time when the message was created by the l... Recipient: Receiver of the mess...
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
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 WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonDeviationMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonReleaseNoticeMessage WagonYardArrivalMessage WagonYardDepartureMessage	
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/3.2
type	FreeText
properties	content simple
used by	element MessageReference
facets	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	<pre> <Diagram> MessageReference -- MessageType -- MessageReference -- MessageTypeVersion -- MessageIdentifier -- MessageDateTime -- ... </pre> <p>This diagram illustrates the structure of the MessageReference element. It consists of several nested components:</p> <ul style="list-style-type: none"> MessageType: A box containing a list of message types, such as 2001 (PathCancelledMessage), 2002 (PathConfirmedMessage), etc., up to 2007 (ReceiptConfirmationMessage). MessageReference: A box containing a list of specific message types, such as 5001 (AlertMessage), 5002 (WagonArrivalNoticeMessage), etc., up to 5014 (WagonReleaseNoticeMessage). MessageTypeVersion: A box indicating the version of the message type. MessageIdentifier: A box identifying the message. MessageDateTime: A box indicating the date and time of the message generation.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageType MessageTypeVersion MessageIdentifier MessageDateTime
used by	elements ErrorMessage/ ErrorCause Reference MessageHeader
annotation	documentation This element identifies the message
source	<pre> <xss:element name="MessageReference"> <xss:annotation> <xss:documentation>This element identifies the message</xss:documentation> </xss:annotation> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element ref="MessageType" /> <xs:element ref="MessageTypeVersion" /> <xs:element ref="MessageIdentifier" /> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **MessageReference/MessageDateTime**

diagram	<p>MessageDateTime</p> <p>Generated by the common Interface</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
annotation	documentation Generated by the common Interface
source	<pre> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </pre>

element **MessageRoutingID**

diagram	<p>MessageRouting...</p> <p>Additional information used to route the message to the correct receiving application (if needed)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric2-2
properties	content simple
used by	element MessageHeader
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Additional information used to route the message to the correct receiving application (if needed)
source	<pre> <xs:element name="MessageRoutingID" type="Numeric2-2"> <xs:annotation> <xs:documentation>Additional information used to route the message to the correct receiving application (if needed)</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre></xs:annotation> </xs:element></pre>
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element **MessageType**

diagram	<p>MessageType...</p> <p>To indicate the message type transmitted or referred to. The following list was agreed within 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 TrainDelay/CauseMessage 4004 TrainRunningForecastMessage 4005 TrainRunningInformationMessage 4006 TrainRunningInterruptionMessage — sector message (Operations) — 4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage — 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage — sector message end — 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage — 5006 WagonETI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage — sector message (Wagon interchange) — 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage — sector message end — 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage — 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage —sector (RU-RU) — 5500 WagonPerformanceMessage — sector end — 6004 RollingStockDatasetQueryMessage — sector (TrainID) begin — 8500 UpdateLinkMessage 8501 ObjectInfoMessage — sector end — 9000 Error
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
used by	element MessageReference
facets	Kind Value Annotation minLength 1

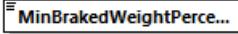
	maxLength 4																																																																																																																																																																																																																						
annotation	<p>documentation To indicate the message type transmitted or referred to. The following list was agreed within the sector:</p> <table> <tr><td>1000</td><td>ConsignmentOrderMessage</td></tr> <tr><td>2001</td><td>PathCanceledMessage</td></tr> <tr><td>2002</td><td>PathConfirmedMessage</td></tr> <tr><td>2003</td><td>PathDetailsMessage</td></tr> <tr><td>2004</td><td>PathDetailsRefusedMessage</td></tr> <tr><td>2005</td><td>PathNotAvailableMessage</td></tr> <tr><td>2006</td><td>PathRequestMessage</td></tr> <tr><td>2007</td><td>ReceiptConfirmationMessage</td></tr> <tr><td>--</td><td>sector</td><td>messages</td><td>(Planning)</td><td>--</td></tr> <tr><td>2500</td><td></td><td></td><td>PathCoordinationMessage</td><td></td></tr> <tr><td>2501</td><td></td><td></td><td>PathSectionNotificationMessage</td><td></td></tr> <tr><td>--</td><td>sector</td><td>message</td><td>end</td><td>--</td></tr> <tr><td>3003</td><td></td><td></td><td>TrainCompositionMessage</td><td></td></tr> <tr><td>3006</td><td></td><td></td><td>TrainReadyMessage</td><td></td></tr> <tr><td>4001</td><td></td><td></td><td>TrainDelayCauseMessage</td><td></td></tr> <tr><td>4004</td><td></td><td></td><td>TrainRunningForecastMessage</td><td></td></tr> <tr><td>4005</td><td></td><td></td><td>TrainRunningInformationMessage</td><td></td></tr> <tr><td>4006</td><td></td><td></td><td>TrainRunningInterruptionMessage</td><td></td></tr> <tr><td>--</td><td>sector</td><td>message</td><td>(Operations)</td><td>--</td></tr> <tr><td>4500</td><td></td><td></td><td>PassengerTrainCompositionProcessMessage</td><td></td></tr> <tr><td>4501</td><td></td><td></td><td>RollingStockRestrictionMessage</td><td></td></tr> <tr><td>4504</td><td></td><td></td><td>ChangeOfTrackMessage</td><td></td></tr> <tr><td>4505</td><td></td><td></td><td>TrainJourneyModificationMessage</td><td></td></tr> <tr><td>--</td><td>sector</td><td>message</td><td>end</td><td>--</td></tr> <tr><td>5001</td><td></td><td></td><td>AlertMessage</td><td></td></tr> <tr><td>5002</td><td></td><td></td><td>WagonArrivalNoticeMessage</td><td></td></tr> <tr><td>5003</td><td></td><td></td><td>WagonDeliveryNoticeMessage</td><td></td></tr> <tr><td>5004</td><td></td><td></td><td>WagonDepartureNoticeMessage</td><td></td></tr> <tr><td>5006</td><td></td><td></td><td>WagonETI_ETA_Message</td><td></td></tr> <tr><td>5007</td><td></td><td></td><td>WagonExceptionMessage</td><td></td></tr> <tr><td>5008</td><td></td><td></td><td>WagonExceptionReasonMessage</td><td></td></tr> <tr><td>--</td><td>sector</td><td>message</td><td>(Wagon interchange)</td><td>--</td></tr> <tr><td>5009</td><td></td><td></td><td>WagonInterchangeNoticeMessage</td><td></td></tr> <tr><td>5012</td><td></td><td></td><td>WagonReceivedAtInterchangeMessage</td><td></td></tr> <tr><td>5013</td><td></td><td></td><td>WagonRefusedAtInterchangeMessage</td><td></td></tr> <tr><td>--</td><td>sector</td><td>message</td><td>end</td><td>--</td></tr> <tr><td>5014</td><td></td><td></td><td>WagonReleaseNoticeMessage</td><td></td></tr> <tr><td>5015</td><td></td><td></td><td>WagonYardArrivalMessage</td><td></td></tr> <tr><td>5016</td><td></td><td></td><td>WagonYardDepartureMessage</td><td></td></tr> <tr><td>6002</td><td></td><td></td><td>LocationFileDatasetMessage</td><td></td></tr> <tr><td>6003</td><td></td><td></td><td>RollingStockDatasetMessage</td><td></td></tr> <tr><td>--sector</td><td></td><td></td><td>(RU-RU)</td><td>---</td></tr> <tr><td>5500</td><td></td><td></td><td>WagonPerformanceMessage</td><td></td></tr> <tr><td>--</td><td></td><td>sector</td><td>end</td><td>--</td></tr> <tr><td>6004</td><td></td><td></td><td>RollingStockDatasetQueryMessage</td><td></td></tr> <tr><td>--</td><td>sector</td><td>(TrainID)</td><td>begin</td><td>--</td></tr> <tr><td>8500</td><td></td><td></td><td>UpdateLinkMessage</td><td></td></tr> </table>				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		--	sector	message	(Operations)	--	4500			PassengerTrainCompositionProcessMessage		4501			RollingStockRestrictionMessage		4504			ChangeOfTrackMessage		4505			TrainJourneyModificationMessage		--	sector	message	end	--	5001			AlertMessage		5002			WagonArrivalNoticeMessage		5003			WagonDeliveryNoticeMessage		5004			WagonDepartureNoticeMessage		5006			WagonETI_ETA_Message		5007			WagonExceptionMessage		5008			WagonExceptionReasonMessage		--	sector	message	(Wagon interchange)	--	5009			WagonInterchangeNoticeMessage		5012			WagonReceivedAtInterchangeMessage		5013			WagonRefusedAtInterchangeMessage		--	sector	message	end	--	5014			WagonReleaseNoticeMessage		5015			WagonYardArrivalMessage		5016			WagonYardDepartureMessage		6002			LocationFileDatasetMessage		6003			RollingStockDatasetMessage		--sector			(RU-RU)	---	5500			WagonPerformanceMessage		--		sector	end	--	6004			RollingStockDatasetQueryMessage		--	sector	(TrainID)	begin	--	8500			UpdateLinkMessage	
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6002			LocationFileDatasetMessage																																																																																																																																																																																																																				
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6004			RollingStockDatasetQueryMessage																																																																																																																																																																																																																				
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8500			UpdateLinkMessage																																																																																																																																																																																																																				

	8501 -- 9000	sector	end	ObjectInfoMessage -- ErrorMessage
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 -- sector message (Operations) -- 4500 PassengerTrainCompositionProcessMessage 4501 RollingStockRestrictionMessage 4504 ChangeOfTrackMessage 4505 TrainJourneyModificationMessage -- sector message end -- 5001 AlertMessage 5002 WagonArrivalNoticeMessage 5003 WagonDeliveryNoticeMessage 5004 WagonDepartureNoticeMessage 5006 WagonETI_ETA_Message 5007 WagonExceptionMessage 5008 WagonExceptionReasonMessage -- sector message (Wagon interchange) -- 5009 WagonInterchangeNoticeMessage 5012 WagonReceivedAtInterchangeMessage 5013 WagonRefusedAtInterchangeMessage -- sector message end -- 5014 WagonReleaseNoticeMessage 5015 WagonYardArrivalMessage 5016 WagonYardDepartureMessage </pre>			

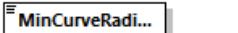
element **MessageTypeVersion**

diagram	 MessageTypeVers... Version of the Message T...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:maxLength base="xs:string" value="25"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **MinBrakedWeightPercent**

diagram	 MinBrakedWeightPercent... Minimum percentage of braking claimed by IM for safety reas...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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**

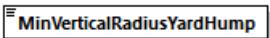
diagram	 MinCurveRadi... Measured in Met...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Measured in 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>

	<code></xs:simpleType></code> <code></xs:element></code>
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element **MinTemp**

diagram	 MinTemp Minimum temperature in ° Celsius
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

element **MinVerticalRadiusYardHump**

diagram	 MinVerticalRadiusYardHump Minimum allowed vertical radius over yard humps. Measured in m...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Minimum allowed vertical radius over yard humps. Measured in meters.
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></pre>

	<pre> <xs:restriction> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **ModificationReason**

diagram	 ModificationReas... Identifies the reason for the train journey being modified																																																																																																
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																																																																
type	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></td></tr> <tr><td>enumeration</td><td>10</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>18</td><td></td></tr> <tr><td>enumeration</td><td>19</td><td></td></tr> <tr><td>enumeration</td><td>20</td><td></td></tr> <tr><td>enumeration</td><td>21</td><td></td></tr> <tr><td>enumeration</td><td>22</td><td></td></tr> <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>28</td><td></td></tr> <tr><td>enumeration</td><td>29</td><td></td></tr> <tr><td>enumeration</td><td>31</td><td></td></tr> <tr><td>enumeration</td><td>30</td><td></td></tr> <tr><td>enumeration</td><td>32</td><td></td></tr> <tr><td>enumeration</td><td>39</td><td></td></tr> <tr><td>enumeration</td><td>40</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> <tr><td>enumeration</td><td>51</td><td></td></tr> <tr><td>enumeration</td><td>52</td><td></td></tr> <tr><td>enumeration</td><td>53</td><td></td></tr> <tr><td>enumeration</td><td>54</td><td></td></tr> <tr><td>enumeration</td><td>58</td><td></td></tr> <tr><td>enumeration</td><td>59</td><td></td></tr> <tr><td>enumeration</td><td>60</td><td></td></tr> <tr><td>enumeration</td><td>61</td><td></td></tr> <tr><td>enumeration</td><td>62</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	11		enumeration	10		enumeration	12		enumeration	13		enumeration	14		enumeration	18		enumeration	19		enumeration	20		enumeration	21		enumeration	22		enumeration	23		enumeration	24		enumeration	25		enumeration	28		enumeration	29		enumeration	31		enumeration	30		enumeration	32		enumeration	39		enumeration	40		enumeration	41		enumeration	50		enumeration	51		enumeration	52		enumeration	53		enumeration	54		enumeration	58		enumeration	59		enumeration	60		enumeration	61		enumeration	62	
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	enumeration 93
	enumeration 94
	enumeration 95
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**

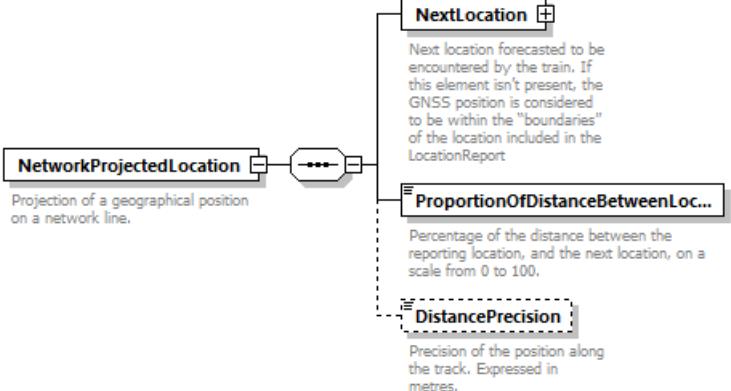
diagram	 ModificationStatusIndicator <p>This element shows if the location has been added or deleted in the modified train journey</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
properties	content simple									
used by	element LocationModified									
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 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> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre><xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
--	---

element **Name**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
used by	elements AdministrativeContactInformation Customer RollingRoadUnit/RollingRoadUnitDetails/HaulierNetworkSpecificParameter
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic Name in Free Text
source	<pre><xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element></pre>

element **NetworkProjectedLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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></pre>

	<pre> </xs:documentation> </xs:annotation> <xss:complexType> <xss:sequence> <xss:element name="NextLocation" type="LocationIdent"> <xss:annotation> <xss: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</xss:documentation> </xss:annotation> </xss:element> <xss:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xss:annotation> <xss:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xss:documentation> </xss:annotation> </xss:element> <xss:element name="DistancePrecision" type="xs:float" minOccurs="0"> <xss:annotation> <xss:documentation>Precision of the position along the track. Expressed in metres.</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre>
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element NetworkProjectedLocation/NextLocation

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	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
source	<pre> <xss:element name="NextLocation" type="LocationIdent"> <xss:annotation> </pre>

	<pre><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>
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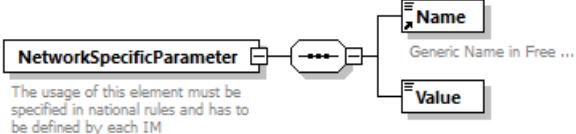
element **NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

diagram	ProportionOfDistanceBetweenLoc... <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/3.2									
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>									

element **NetworkProjectedLocation/DistancePrecision**

diagram	DistancePrecision <p>Precision of the position along the track. Expressed in metres.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	xs:float						
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						
annotation	<p>documentation</p> <p>Precision of the position along the track. Expressed in metres.</p>						
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>						

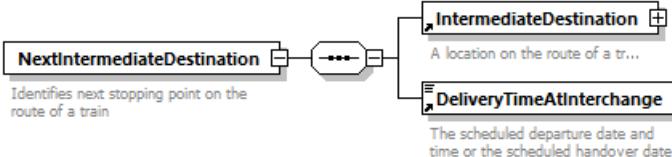
element **NetworkSpecificParameter**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

element **NetworkSpecificParameter/Value**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
used by	elements Height Length Width
facets	Kind Value Annotation minLength 1 maxLength 255
source	<pre><xs:element name="Value" type="FreeText"/></pre>

element **NextIntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

properties	content complex
children	IntermediateDestination DeliveryTimeAtInterchange
used by	element WIMO Dataset/ConsignmentLevelData
annotation	documentation Identifies next stopping point on the route of a train
source	<pre> <xs:element name="NextIntermediateDestination"> <xs:annotation> <xs:documentation>Identifies next stopping point on the route of a train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="IntermediateDestination"/> <xs:element ref="DeliveryTimeAtInterchange"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **NextResponsibleRU**

diagram	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> NextResponsible... </div> <p>The RU who is responsible for the train operation on the next journey section.</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	CompanyCode												
properties	content simple												
used by	elements WIMO Dataset/ConsignmentLevelData ConsignmentOrderMessage/COMS/COM/DeliveryPoint												
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 who is responsible for the train operation on the next journey section.												
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	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> NHM_Co... </div> <p>NHM code of the go...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	NHMCodeType
properties	content simple

used by	elements Goods GoodsInWagon/GoodsInContainer GoodsInWagon
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation NHM code of the goods
source	<xs:element name="NHM_Code" type="NHMCodeType"> <xs:annotation> <xs:documentation>NHM code of the goods</xs:documentation> </xs:annotation> </xs:element>

element **Noise**

diagram	 Noise level at stand still in decibels
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<xs:element name="Noise"> <xs:annotation> <xs:documentation>Noise level at stand still in decibels</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **NoiseByPassLimit**

diagram	 Noise limit on reference tr...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 NumberOfAxles

diagram	 NumberOfAxles The sum of number of axles of all wagons and all traction units									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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 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:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element NumberOfBogies

diagram	 NumberOfBogies
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:int
properties	content simple
used by	element RollingStockDataset/DesignDataSet

facets	Kind Value Annotation minInclusive 1 maxInclusive 9
source	<pre><xs:element name="NumberOfBogies"> <xs:simpleType> <xs:restriction> <xs:minInclusive>1</xs:minInclusive> <xs:maxInclusive>9</xs:maxInclusive> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **NumberOfVehicles**

diagram	NumberOfVehicles The sum of number of wagons and number of traction units
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 wagons and number of traction units
source	<pre><xs:element name="NumberOfVehicles"> <xs:annotation> <xs:documentation>The sum of number of wagons and number of traction units</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive>0000</xs:minInclusive> <xs:maxInclusive>9999</xs:maxInclusive> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **ObjectType**

diagram	ObjectType Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple

used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType																											
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> <tr> <td>pattern</td><td>[0-9A-Z]{2}</td><td></td></tr> <tr> <td>enumeration</td><td>TR</td><td></td></tr> <tr> <td>enumeration</td><td>RO</td><td></td></tr> <tr> <td>enumeration</td><td>PA</td><td></td></tr> <tr> <td>enumeration</td><td>CR</td><td></td></tr> <tr> <td>enumeration</td><td>PR</td><td></td></tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[0-9A-Z]{2}		enumeration	TR		enumeration	RO		enumeration	PA		enumeration	CR		enumeration	PR	
Kind	Value	Annotation																										
minLength	2																											
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pattern	[0-9A-Z]{2}																											
enumeration	TR																											
enumeration	RO																											
enumeration	PA																											
enumeration	CR																											
enumeration	PR																											
annotation	<p>documentation</p> <p>Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)</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) and Path Request (PR)</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:enumeration value="TR"/> <xs:enumeration value="RO"/> <xs:enumeration value="PA"/> <xs:enumeration value="CR"/> <xs:enumeration value="PR"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>																											

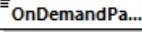
element **Offset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:integer
properties	content simple
used by	element TimingAtLocation/Timing
source	<xs:element name="Offset" type="xs:integer"/>

element **OffsetToReference**

diagram	 OffsetToReference <p>The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to the days in Reference Calendar. The shift is mentioned in days. OTR value is set to zero when there is no gap between Planned Calendar and Reference Calendar, OTR value is positive if Planned Calendar later than Reference Calendar and negative if Planned Calend...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	 OnDemandPa... <p>For the use of on demand or optional path (has to be either activated or deactivated depending to n...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
used by	element PlannedJourneyLocation
annotation	<p>documentation</p> <p>For the use of on demand or optional path (has to be either activated or deactivated depending to network rules)</p>
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>

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

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/3.2									
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	<p>documentation</p> <p>OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating</p>									
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> <xs:minInclusive>1</xs:minInclusive> <xs:maxInclusive>9999</xs:maxInclusive> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **OperationalTrainNumber**

diagram	 OperationalTrainNumber <p>Identifies the train for traffic management purposes by the Dispatcher, GSMR services,....</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	String1-8									
properties	content simple									
used by	elements OperationalTrainNumberIdentifier PlannedJourneyLocation									
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									
annotation	<p>documentation</p> <p>Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.</p>									

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

element **OperationalTrainNumberIdentifier**

diagram	<pre> classDiagram class OperationalTrainNumberIdentifier { OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer } class OperationalTrainNumber class ScheduledTimeAtHandover class ScheduledDateTimeAtTransfer OperationalTrainNumberIdentifier "3" --> OperationalTrainNumber : OperationalTrainNumberIdentifier "3" --> ScheduledTimeAtHandover : OperationalTrainNumberIdentifier "3" --> ScheduledDateTimeAtTransfer : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	OperationalTrainNumber ScheduledTimeAtHandover ScheduledDateTimeAtTransfer
used by	elements 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	<pre> classDiagram class OriginCountry { Code of origin country of the UTI. } </pre>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of CountryIdentISO												
properties	content simple												
used by	elements ITU Details Wagons/WagonDetails												
facets	<table> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> <tr> <td>minLength</td> <td>2</td> <td></td> </tr> <tr> <td>maxLength</td> <td>2</td> <td></td> </tr> <tr> <td>pattern</td> <td>[A-Z][A-Z]</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	2		maxLength	2		pattern	[A-Z][A-Z]	
Kind	Value	Annotation											
minLength	2												
maxLength	2												
pattern	[A-Z][A-Z]												

annotation	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> <xs:pattern value="[A-Z][A-Z]"></xs:pattern> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **OverhaulValidityPeriod**

diagram	<p>OverhaulValidityPeriod</p> <p>Validity period of last overhaul in years as marked on the wagon</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
properties	content simple									
used by	element RollingStockDataset/DesignDataSet									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxExclusive</td> <td>20</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxExclusive	20	
Kind	Value	Annotation								
minInclusive	1									
maxExclusive	20									
annotation	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> <xs:simpleType> <xs:restriction> <xs:minInclusive value="1"/> <xs:maxExclusive value="20"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **ParkingBrakeForce**

diagram	<p>ParkingBrakeForce</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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

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> <xs:totalDigits base="xs:decimal" value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **PassengerFlag**

diagram	<div style="border: 1px solid black; padding: 2px;"> PassengerFl... </div> <p>Identifies that the Entity or Location is for Passenger Activity</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
used by	element LocationPrimaryInformation
annotation	<p>documentation</p> <p>Identifies that the Entity or Location is for Passenger Activity</p>
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 messa...>> } class AdministrativeContactInformation { <<Used to define administrative contact informa...>> } class Identifiers { <<Identifiers>> } class ReferenceTrainIDSubCalendar { <<ReferenceTrainIDSubCalendar contains all days as Reference Train (TAFv00) for each process in PlannedCalendar. The days in PlannedCalendar may shift depending on value in element OffsetToReference, ie the following condition must always be true : ReferenceTrainIDSubCalendar + Offs...>> } class MessageStatus { <<Assigned by the Sender 1=creation, 2=modification, 3=deletion>> } class TypeOfRequest { <<Enumeration for 3 different basic types of process in the planning: Study (1), Request (2), Modification (...)>> } class ProcessType { <<Process type to further distinguish among type of requests: Possible process types: 0 = New Path Request and allocation process for annual timetable 1 = Late Path Request and allocation process for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM>> } class TypeOfInformation { <<Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged path; catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of...>> } class CoordinatingIM { <<The coordinating (leading) IM coordinates the agreement process for the path. It is the primary point of contact for the RU's. Certain critical stages in the international timetabling process are initiated by leading IM, such as transfer the path request to path elaboration to involved IMs in order to prepare the offer with the ...>> } 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 Field>> } class PathCanceledMessage { <<Path Canceled message according to Short Term Path Request specification ...>> < -- MessageHeader < -- AdministrativeContactInformation < -- Identifiers < -- ReferenceTrainIDSubCalendar < -- MessageStatus < -- TypeOfRequest < -- ProcessType < -- TypeOfInformation < -- CoordinatingIM < -- LeadRU < -- AffectedSection < -- FreeTextField } </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection FreeTextField
annotation	documentation Path Canceled message according to Short Term Path Request specification (WG5)
source	<pre> <xss:element name="PathCanceledMessage"> <xss:annotation> <xss:documentation>Path Canceled message according to Short Term Path Request specification (WG5)</xss:documentation> </xss:annotation> </xss:element> </pre>

	<pre><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>
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element **PathConfirmedMessage**

diagram	<pre> classDiagram class MessageHeader { Used for all messa... } class AdministrativeContactInformation { Used to define administrative contact informa... } class Identifiers { ... } class ReferenceTrainIDSubCalendar { ReferenceTrainIDSubCalendar contains all days of Reference Train (TRID=000) 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 + Offs... } class MessageStatus { Assigned by the Sender 1=creation, 2=modification, 3=deletion } class TypeOfRequest { Enumeration for 2 different basic types of the processes in the planning: Study (1), Request (2), Modification ... } class ProcessType { Process type to further distinguish type of requests. Possible process types: 0 = New Path Request and allocation processes for annual timetable 1 = Late Path Request and allocation processes for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RKC 8 = Catalogue Path publication by IM } class TypeOfInformation { Enumeration indicating to which process step / process type in the planning does the message belong: pre-study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilization notification; confirmation of... } 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 overall timetable elaboration 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 ... } 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 } PathConfirmedMessage < -- MessageHeader PathConfirmedMessage < -- AdministrativeContactInformation PathConfirmedMessage < -- Identifiers PathConfirmedMessage < -- ReferenceTrainIDSubCalendar PathConfirmedMessage < -- MessageStatus PathConfirmedMessage < -- TypeOfRequest PathConfirmedMessage < -- ProcessType PathConfirmedMessage < -- TypeOfInformation PathConfirmedMessage < -- CoordinatingIM PathConfirmedMessage < -- LeadRU PathConfirmedMessage < -- AffectedSection </pre> <p>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection
annotation	<p>documentation</p> <p>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</p>
source	<pre> <xss:element <xss:annotation> <xss:documentation>This message is used by the RU to confirm the proposed path of the IM (PathDetailsMessage) in response to an RUs Original Request</xss:documentation> </xss:annotation> </xss:element> name="PathConfirmedMessage"></pre>

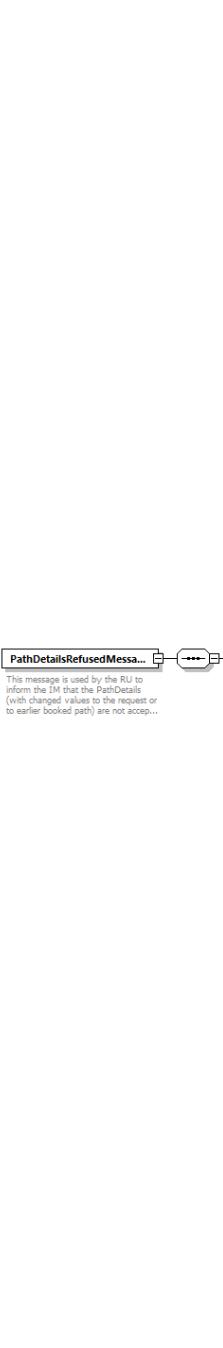
```
Request</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element ref="MessageHeader"/>
    <xs:element ref="AdministrativeContactInformation"/>
    <xs:element ref="Identifiers" minOccurs="0"/>
    <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
    <xs:element 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>
```

element **PathDetailsMessage**

diagram	<pre> classDiagram class MessageHeader { Used for all messa... } class AdministrativeContactInformation { Used to define administrative contact informa... } class Identifiers class ReferenceTrainIDSubCalendar { ReferenceTrainIDSubCalendar contains all days of Reference Train ("TRID<00) for days provided in PlannedCalendar. The days in PlannedCalendar may shift according to value in element OffsetToReference, ie the following condition must always be true: ReferenceTrainIDSubCalendar + Offs... } 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, ... } class CoordinatingIM { The coordinating (leading) IM coordinates the agreement process for the IM's. It is the primary responsible party for the RU's. Certain critical stages in the international agreement process are initiated by the leading IM, such as transfer the path request and allocation to involved IMs in order to prepare the offer with the ... } class LeadRU { Lead Railway Undertaking } class TypeOfRequest { 1 = Path study 2 = Path request 3 = Path Modification 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RIC 8 = Catalogue Path publication by IM } class ProcessType { Process type to further distinguish among type of requests. Possible process types: 0 = New Path Request 1 = Path Allocation process for annual timetable 1 = Late Path Request 2 = Early Path Request 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RIC 8 = Catalogue Path publication by IM } class TypeOfInformation { Enumeration indicating to which process step / process type the message belongs: the message belongs path study; pre-arranged/catalogue path; early path request; path booked/deleted; utilisation notification; confirmation of... } class PathInformation class NetworkSpecificParameter { 0..∞ A structured section for specific mandatory attributes for this network. This has to be checked by the applications that network section is valid in the current location only if journey location belongs to PathInformation element } class FreeTextField { 0..∞ Free T... } PathDetailsMessage < -- MessageHeader PathDetailsMessage < -- AdministrativeContactInformation PathDetailsMessage < -- Identifiers PathDetailsMessage < -- ReferenceTrainIDSubCalendar PathDetailsMessage < -- MessageStatus PathDetailsMessage < -- TypeOfRUHarmonization PathDetailsMessage < -- TypeOfIMHarmonization PathDetailsMessage < -- CoordinatingIM PathDetailsMessage < -- LeadRU PathDetailsMessage < -- TypeOfRequest PathDetailsMessage < -- ProcessType PathDetailsMessage < -- TypeOfInformation PathDetailsMessage < -- PathInformation PathDetailsMessage < -- NetworkSpecificParameter PathDetailsMessage < -- FreeTextField </pre> <p>This message is used by the IM to the RU confirming details of the path in response to an RU request.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	<p>documentation</p> <p>This message is used by the IM to the RU confirming details of the path in response to an RU request</p>
source	<pre> <xss:element name="PathDetailsMessage"> <xss:annotation> <xss:documentation>This message is used by the IM to the RU confirming details of the path in response to an RU request</xss:documentation> </xss:annotation> </xss:element> </pre>

	<pre> </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 request 2 Path 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>
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element **PathDetailsRefusedMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU RevisedRequest AffectedSection FreeTextField
annotation	documentation This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable
source	<pre> <xss:element <xss:annotation> <xss: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) </xss:documentation> </xss:annotation> name="PathDetailsRefusedMessage"> </pre>

	are not acceptable	</xs:documentation>
	<pre> </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 { <<PathDetailsMessage>> <<PathRequestMessage>> } class PlannedJourneyLocation { <<Any operation point along the train journey or path>> } class PlannedCalendar { <<This is the calendar item for path request/path details messages - used in planning phase>> } class RequestedCalendar { <<subset of the requested calendar>> } PathInformation "2..infinity" --> PlannedJourneyLocation : PathInformation "0..1" --> PlannedCalendar : PathInformation "0..1" --> RequestedCalendar : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:sequence> <xs:annotation> <xs:documentation>subset of the requested calendar</xs:documentation> </xs:annotation> </xs:complexType> </xs:element> </pre>

element **PathNotAvailableMessage**

diagram	<pre> classDiagram class MessageHeader { Used for all mess... } class AdministrativeContactInformation { Used to define administrative contact inform... } class Identifiers { ... } class ReferenceTrainIDSubCalendar { ReferenceTrainIDSubCalendar contains all days of ReferenceTrainIDSubCalendar (TRIDv20) for days provided in PlannedCalendar. The days in PlannedCalendar may change over time on which the element OffsetToReference, is the following condition must always be true : ReferenceTrainIDSubCalendar + Offs... } class MessageStatus { Assigned by the Sender 1=creation, 2=modification, 3=deletion } class TypeOfRequest { Enumerates the 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (...). } class ProcessType { Provides the number distinguishes among type of requests. Possible process types: 0 = New Path Request and allocation process for annual timetable 1 = Pre-arranged Path Request and allocation process for annual timetable 2 = Catalogue path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by IM) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM } class PathNotAvailableMessage { Path Not Available message according to Short Term Path Request specification (WG5) } class TypeOfInformation { Enumeration indicating to which process step / process type corresponds to the message below: path study; pre-arranged; catalogue path; lead RU; path booking; booked; deleted; utilisation notification; confirmation of... } class CoordinatingIM { The main part of this complex message is the (leading) IM coordinating the agreement process for the IM's. It is the primary owner of the IM for the RIC. Critical stages in the international timetabling process are managed by the leading IM, such as transfer the path request to path elaboration to involve others in order to prepare the offer with the ... } class LeadRU { Lead Railway Under... } class AffectedSection { 1..> Indication for the recipient if not the entire path is affected e.g. case of a partial cancellation for the last part of the path } class InterruptionInformation { The main part of this complex message is the Interruption Relation (Code list for Train Interruption). A list of codes that denote the interruptions that are no longer available by an IM e.g. Flooding Note: This list is the same as the Code list for Train Interruption during an interruption of a train during its operation. It is therefore a code list for the planned interruption caused in planning. The other subelements help describing the interruption infor... } class FreeTextField { 0..> Free T... } } PathNotAvailableMessage < -- MessageHeader PathNotAvailableMessage < -- TypeOfInformation PathNotAvailableMessage < -- FreeTextField </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection InterruptionInformation FreeTextField
annotation	documentation Path Not Available message according to Short Term Path Request specification (WG5)
source	<pre> <xs:element name="PathNotAvailableMessage"> <xs:annotation> </pre>

	<pre><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>
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element **PathRequestMessage**

diagram	<p>The diagram illustrates the structure of the PathRequestMessage element. It inherits from MessageHeader and contains several properties:</p> <ul style="list-style-type: none"> AdministrativeContactInformation: Used to define administrative contact information. Identifiers: Used to identify the message. ReferenceTrainIDSubCalendar: ReferenceTrainIDSubCalendar contains all days of Reference Train (TRDV00) for each day in PlannedCalendar. The days in PlannedCalendar may shift depending on value in element OffSet. The following condition must always be true : ReferenceTrainIDSubCalendar + Offs... MessageStatus: Assigned by the Sender <ul style="list-style-type: none"> 1=creation, 2=modification, 3=deletion TypeOfRUHarmonization: Type of RU harmonization: Full, None. TypeOfIMHarmonization: Description of Type of IM harmonization: Full, ... CoordinatingIM: Proposal From the RU, IM's will decide who will take the role. LeadRU: Lead Railway Undertaking... TypeOfRequest: Path study, Path request, Path Modification. ProcessType: Process type to further distinguish among type of requests. Possible process types: <ul style="list-style-type: none"> 0 = New Path Request and allocation process for new timetable 1 = Late Path Request and allocation process for existing timetable 2 = Short-term path request and allocation process 3 = Long-term path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM TypeOfInformation: Enumeration indicating to which process step / process type in the planning does the message belong: path study/ path request/ path modification (draft) offer/ final offer/ booked/ deleted/ utilisation notification/ confirmation of... TrainInformation: Train Information provided by the RU or as it is known for the whole train journey from origin to destination. PathInformation: Information provided by the IM for the requested journey section or by the IM for an offered/ booked of the full journey. NetworkSpecificParameter: A structured section for specific mandatory attributes for that network. This has to be checked by the application that network section can be used at location only if journey location belongs to PathInformation element. FreeTextField: Free Text Field.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRUHarmonization TypeOfIMHarmonization CoordinatingIM LeadRU TypeOfRequest ProcessType TypeOfInformation TrainInformation PathInformation NetworkSpecificParameter FreeTextField
annotation	documentation This message serves to request a train path. The message is sent from the RU to each IM involved.
source	<pre> <xs:element name="PathRequestMessage"> <xs:annotation> <xs:documentation>This message serves to request a train path. The message is sent from the RU to each IM involved.</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> <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 2 Path 3 Path </xs:documentation> <xs:annotation> <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 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 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 journy location only if journy location belongs to PathInformation element </xs:annotation> </xs:element> </xs:annotation> </xs:element> </xs:annotation> </xs:element> </xs:annotation> </xs:element> <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **PermittedTolerance**

diagram	 PermittedTolerance Permitted tolerance after date of overhaul (in months)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
used by	element RollingStockDataset/DesignDataSet
facets	Kind Value Annotation minInclusive 0 maxInclusive 99
annotation	documentation Permitted tolerance after date of overhaul (in months)
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> <xs:minInclusive base="xs:integer" value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

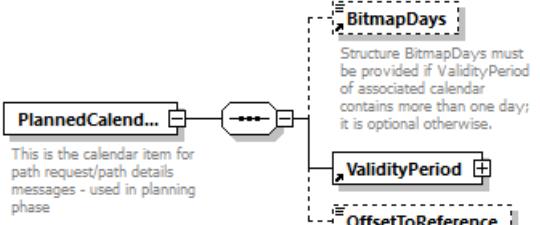
element **PhoneNumber**

diagram	 PhoneNum... Generic Phone number in Free text
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
	The date and time of the release of a wagon at customer sidings
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 Calend...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	BitmapDays ValidityPeriod OffsetToReference
used by	elements AffectedSection PathInformation TrainInformation
annotation	documentation This is the calendar item for path request/path details messages - used in planning phase
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:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:element ref="OffsetToReference" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **PlannedDateNextOverhaul**

diagram	 PlannedDateNextOverha... <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 p...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:date
properties	content simple
used by	element RollingStockDataset/DesignDataSet
annotation	<p>documentation</p> <p>Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper.</p>
source	<pre> <xs:element name="PlannedDateNextOverhaul" type="xs:date"> <xs:annotation> <xs:documentation> Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication of the actually planned date of next overhaul by the wagon keeper/ECM. Minimum planned date next overhaul or overhaul validity period must be provided by the wagon keeper. </xs:documentation> </xs:annotation> </xs:element> </pre>

element **PlannedJourneyLocation**

diagram	<pre> classDiagram class LocationIdent { <<extends...>> } class PlannedJourneyLocation { <<Any operation point along the train journey or path>> } class CountryCodeISO { <<Identifies a Country or State by code (ISO 3166-1 alpha-2)>> } class LocationPrimaryCode { <<Primary location identifier language of the Country or State>> } class PrimaryLocationName { <<Local name of the location in the language of the Country or State>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } class TimingAtLocation { <<Describes the timing of a location at an operation point>> } class FreeTextField { <<Free Text Field>> } class ResponsibleApplicant { <<The responsible applicant for the whole journey where the applicant has made the request>> } class ResponsibleRU { <<RU Responsible for the planned operation of the train or wagon>> } class ResponsibleIM { <<IM Responsible for the planned operation of the train or wagon>> } class PlannedTrainData { <<Information about a planning period>> } class StatusOfHarmonization { <<Describes the harmonization status just sets an indication message: has the interchange/handover been harmonized or not?>> } class TrainActivity { <<0..>> } class RankActivity { <<0..>> } class OnDemandPath { <<Offered by the IM for the use of demand or capacity management to be either activated or deactivated depending on...>> } class PreArrangedPath { <<Path offered by the IM with pre-defined frequencies of departures and destinations and routes for freight transport services.>> } class OperationalTrainNumber { <<Identifies the train for traffic management purposes by the Dispatcher, GSM services...>> } class NetworkSpecificParameter { <<0..>> } class JourneyLocationTypeCode { <<1..>> } LocationIdent < -- PlannedJourneyLocation CountryCodeISO < -- LocationPrimaryCode LocationPrimaryCode < -- PrimaryLocationName LocationPrimaryCode < -- LocationSubsidiaryIdentification TimingAtLocation < -- FreeTextField FreeTextField < -- ResponsibleApplicant ResponsibleApplicant < -- ResponsibleRU ResponsibleRU < -- ResponsibleIM ResponsibleIM < -- PlannedTrainData ResponsibleIM < -- StatusOfHarmonization ResponsibleIM < -- TrainActivity ResponsibleIM < -- RankActivity ResponsibleIM < -- OnDemandPath ResponsibleIM < -- PreArrangedPath ResponsibleIM < -- OperationalTrainNumber ResponsibleIM < -- NetworkSpecificParameter ResponsibleIM < -- JourneyLocationTypeCode </pre> <p>The diagram illustrates the structure of the PlannedJourneyLocation element. It is an extension of LocationIdent. The element contains several attributes and associations:</p> <ul style="list-style-type: none"> CountryCodeISO: Identifies a Country or State by code (ISO 3166-1 alpha-2). LocationPrimaryCode: Primary location identifier language of the Country or State. PrimaryLocationName: Local name of the location in the language of the Country or State. LocationSubsidiaryIdentification: Code, Name and allocation company of Subsidiary Location. TimingAtLocation: Describes the timing of a location at an operation point. It includes a FreeTextField and associations with ResponsibleApplicant, ResponsibleRU, and ResponsibleIM. PlannedTrainData: Information about a planning period. StatusOfHarmonization: Describes the harmonization status just sets an indication message: has the interchange/handover been harmonized or not? TrainActivity: An association with ResponsibleIM. RankActivity: An association with ResponsibleIM. OnDemandPath: Offered by the IM for the use of demand or capacity management to be either activated or deactivated depending on... PreArrangedPath: Path offered by the IM with pre-defined frequencies of departures and destinations and routes for freight transport services. OperationalTrainNumber: Identifies the train for traffic management purposes by the Dispatcher, GSM services... NetworkSpecificParameter: An association with ResponsibleIM. JourneyLocationTypeCode: An association with ResponsibleIM. <p>Annotations provide additional context for some elements:</p> <ul style="list-style-type: none"> TimingAtLocation: Definition of abbreviations: ELA = Earliest Location, ALA = Actual Location, LLA = Latest Location, Arrival, Departure, EL = Earliest Location, Departure, ALD = Actual Location, Departure, LLD = Latest Location, Departure. ResponsibleIM: Description of responsibilities for Path Requests, the use of demand or capacity management in the first journey location (IM), in journey locations (could even be a network border), in case where the IM on the planned path is different from the legal point of view, for instance, the new IM has the responsibility for the... OnDemandPath: Description of activation/deactivation logic. PreArrangedPath: Description of the path offered by the IM. OperationalTrainNumber: Description of the usage of this element. NetworkSpecificParameter: Description of the usage of this element. JourneyLocationTypeCode: Definition of codes: 01 = Origin, 02 = Intermediate, 03 = Destination, 04 = Handover, 05 = Interchange, 06 = Handover and Interchange, 07 = State Border, 08 = National border, 09 = Network border, 99 = Mutually Defined, ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification TimingAtLocation FreeTextField ResponsibleApplicant ResponsibleRU ResponsibleIM PlannedTrainData StatusOfHarmonization TrainActivity OnDemandPath PreArrangedPath OperationalTrainNumber NetworkSpecificParameter JourneyLocationTypeCode
used by	elements PathInformation TrainInformation
annotation	documentation Any operation point along the train journey or path
source	<code><xss:element</code> 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" maxOccurs="unbounded" minOccurs="0"/>
        <xs:element ref="FreeTextField" maxOccurs="0" minOccurs="0"/>
        <xs:element ref="ResponsibleApplicant" maxOccurs="0" minOccurs="0"/>
        <xs:element ref="ResponsibleRU" maxOccurs="0" minOccurs="0"/>
        <xs:element ref="ResponsibleIM" maxOccurs="0" minOccurs="0"/>
        <xs:element ref="PlannedTrainData" maxOccurs="0" minOccurs="0"/>
        <xs:element name="StatusOfHarmonization" maxOccurs="0" 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 ref="TrainActivity" maxOccurs="unbounded" minOccurs="0"/>
                <xs:element ref="OnDemandPath" maxOccurs="unbounded" minOccurs="0"/>
                <xs:element ref="PreArrangedPath" maxOccurs="unbounded" minOccurs="0"/>
                <xs:element ref="OperationalTrainNumber" maxOccurs="unbounded" minOccurs="0"/>
                <xs:element ref="NetworkSpecificParameter" maxOccurs="unbounded" minOccurs="0"/>
                <xs:element ref="JourneyLocationTypeCode" maxOccurs="unbounded" minOccurs="1"/>
              </xs:sequence>
              <xs:extension>
                <xs:complexContent>
                  <xs:complexType>
                    <xs:element>

```

element **PlannedJourneyLocation/StatusOfHarmonization**

diagram	<p>StatusOfHarmonization</p> <p>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</p> <p>HandoverHarmonized</p> <p>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications...</p> <p>InterchangeHarmonized</p> <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/3.2
properties	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>

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

diagram	<p>HandoverHarmonized</p> <p>IM indicates that he has finished to harmonized the handover point. Used for PathDetails message, should be mandatory for applications...</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
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>

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/3.2
type	Speed
properties	content simple
used by	element PlannedTrainTechnicalData
facets	Kind Value Annotation minInclusive 001

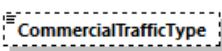
	maxInclusive 999
annotation	documentation IM may inform the RA on the speed which was the basis for path construction
source	<pre> <xs:element name="PlannedSpeed" type="Speed"> <xs:annotation> <xs:documentation>IM may inform the RA on the speed which was the basis for path construction</xs:documentation> </xs:annotation> </xs:element> </pre>

element PlannedTrainData

diagram	<pre> classDiagram class PlannedTrainData { <<TrainType>> <<TrafficType>> <<PushPullTrain>> <<TypeOfService>> <<CommercialTrafficType>> <<PlannedTrainTechnicalData>> <<ExceptionalGaugingInfo>> <<DangerousGoodsIndicator>> <<CombinedTrafficLoadProfile>> } class PushPullTrain class TypeOfService class CommercialTrafficType class PlannedTrainTechnicalData class ExceptionalGaugingInfo class DangerousGoodsIndicator class CombinedTrafficLoadProfile PlannedTrainData "1" -- "0..1" PushPullTrain : PlannedTrainData "1" -- "0..1" TypeOfService : PlannedTrainData "1" -- "0..1" CommercialTrafficType : PlannedTrainData "1" -- "0..1" PlannedTrainTechnicalData : PlannedTrainData "1" -- "0..1" ExceptionalGaugingInfo : PlannedTrainData "1" -- "0..1" DangerousGoodsIndicator : PlannedTrainData "1" -- "0..1" CombinedTrafficLoadProfile : </pre> <p>Train relevant data for a planning period</p> <p>Element TrainType defines the main purpose of the train in a planned 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. Following codes are available: 1 - Passenger train 2 - Freight train 3 - Locomotive train 4 - Maintenance train 5 - Emergency train 6 - Mixed train (passenger and freight train in combination) 0 - Other train</p> <p>information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Meerts)</p> <p>Indicates that the train can change direction without shunting. This flag can be used only with TractionMode IX, ZX, 5X.</p> <p>Information about the services available on a train. Used for publication towards the passenger</p> <p>Shows the relevant technical data for a running train</p> <p>Indicates that an exceptional Gauging is in the train or for the wagon</p> <p>Identifies dangerous go...</p> <p>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); P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm; P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm. • The other option refers to "C" (Swap body); C1 requires the code in case the gauge of the swap body is less or equal 2500 mm; C2 requires the code in case the gauge of the swap body is greater than 2500 mm less or equal 2600 mm. * The RLR may indicate the relevant value if there is a family 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>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2					
properties	content complex					
children	TrainType TrafficType PushPullTrain TypeofService CommercialTrafficType PlannedTrainTechnicalData ExceptionalGaugingIdent DangerousGoodsIndication CombinedTrafficLoadProfile					
used by	element PlannedJourneyLocation					
annotation	documentation Train relevant data for a planning period					
source	<pre> <xs:element name="PlannedTrainData"> <xs:annotation> <xs:documentation>Train relevant data for a planning period</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType" minOccurs="0"/> <xs:element ref="TrafficType" minOccurs="0"/> <xs:element ref="PushPullTrain" minOccurs="0"/> <xs:element ref="TypeofService" minOccurs="0"/> <xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/> <xs:element ref="PlannedTrainTechnicalData"/> <xs:element ref="ExceptionalGaugingIdent" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="CombinedTrafficLoadProfile" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>					

element **PlannedTrainData/CommercialTrafficType**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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</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
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 documentation SAE documentation SAE documentation Unaccompanied car service, motor rail documentation 14 documentation 0 documentation EIC documentation EkspresIC documentation Fast and Comfortable Interregional trains documentation 10 documentation 0 documentation EC documentation EuroCity documentation EuroCity documentation 9 documentation 0 documentation ICE documentation ICE documentation ICE documentation 8 documentation 0 documentation AVE documentation AVE documentation AVE documentation 8 documentation 0 documentation EIL documentation EUROSTAR documentation Eurostar documentation
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		8 documentation 0 documentation documentation documentation Talgo documentation 9 documentation 0 documentation OTU documentation Oresundstog documentation Oresundstog documentation 10 documentation 0 documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8 documentation 0 documentation TRN documentation Intercités documentation Intercités documentation 9 documentation 0 documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0 documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0
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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 documentation TGV documentation TGV documentation TGV Nord documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Lyria documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Duplex documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Est documentation 8 documentation 0 documentation TGV documentation TGV documentation TGV Interconnexion documentation 8 documentation 0 documentation THALYS documentation Thalys documentation

		8 documentation 0 documentation enumeration 83 documentation Ferry documentation hovercraft documentation 33 documentation 0 documentation enumeration 84 RE documentation regional train documentation Regional documentation 11 documentation 0 documentation enumeration 85 WTE documentation Wilhelm Tell Express documentation Wilhelm Tell Express documentation 10 documentation 0 documentation enumeration 87 documentation PENDOLINO documentation Pendolino documentation 8 documentation 0 documentation enumeration 88 Suburban documentation ";E1;" documentation 0 documentation enumeration 89 ALV documentation Alvia documentation Alvia documentation 8 documentation 0 documentation enumeration 90 AVN documentation Avant
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		documentation Avant documentation 8 documentation 0 documentation TER documentation TRAIN documentation Regional TER documentation 11 documentation 0 documentation REG documentation NSB Regiotog documentation NSB Regiotog documentation 37 documentation 0 documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA documentation 8 documentation 0 documentation SC documentation SuperCity documentation Supercity documentation 9 documentation 0 documentation CNL documentation City Night Line (D) documentation DB Nachtzug documentation 13 documentation 0 documentation INI documentation InterCityNotte Italia documentation InterCityNotte documentation 13
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		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
		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
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		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 ";E1;" documentation 0 enumeration 122 documentation
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		IR documentation Interregional documentation Interregional documentation 10 documentation 0 documentation IRN documentation Interregional Night Train documentation Interregional Night Train documentation 13 documentation 2 documentation NLT documentation TOLSTOI documentation Tolstoi documentation " E1 "; documentation 0 documentation documentation documentation ARZ documentation 14 documentation 0 documentation AVE documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0 documentation TGV documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0 documentation BUS documentation IC Bus
	enumeration	123
	enumeration	124
	enumeration	126
	enumeration	128
	enumeration	129
	enumeration	130

		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
		InterPici
		documentation
		9
		documentation
		0
	enumeration 157	documentation
		documentation
		Fast train
		documentation
		9
		documentation
		0
	enumeration 158	documentation
		documentation
		documentation

		Euregio documentation 11 documentation 0 documentation
	enumeration 159	documentation Bus documentation IC Ersatzbus documentation 32 documentation 0 documentation
	enumeration 160	documentation Bus documentation IP Ersatzbus documentation 32 documentation 0 documentation
	enumeration 162	documentation Bus documentation Replacement Bus documentation 32 documentation 0 documentation
	enumeration 163	documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0 documentation
	enumeration 166	documentation TGV documentation TGV INOUI documentation TGV Duplex France Allemagne documentation 8 documentation 2 documentation
	enumeration 170	YHT documentation YHT documentation High speed train in Turkey documentation 8

		documentation
		0
	enumeration 171	documentation
		FA
		documentation
		FRECCIARGENTO
		documentation
		FRECCIARGENTO
		documentation
		8
		documentation
		0
	enumeration 172	documentation
		FR
		documentation
		FRECCIAROSSA
		documentation
		FRECCIAROSSA
		documentation
		8
		documentation
		0
	enumeration 173	documentation
		AP
		documentation
		Albula Panoramawagen
		documentation
		Albula Panoramawagen
		documentation
		10
		documentation
		0
	enumeration 174	documentation
		BEX
		documentation
		Bernina Express
		documentation
		Bernina Express (Panorama Train)
		documentation
		10
		documentation
		0
	enumeration 175	documentation
		GEX
		documentation
		Glacier Express
		documentation
		Glacier Express (Panorama Train)
		documentation
		10
		documentation
		0
	enumeration 176	documentation
		GP
		documentation
		Golden Pass
		documentation
		Golden Pass (Panorama Train)
		documentation
		10
		documentation
		0
	enumeration 177	documentation
		BNI

		documentation Bernina Panorama documentation Bernina Panorama documentation 11 documentation 0 enumeration 178 documentation zb documentation zb Zentralbahn AG documentation Luzern-Interlaken Express (Panorama Train) documentation 10 documentation 0 enumeration 179 documentation BXB documentation Bernina Express Bus documentation Bernina Express (Panorama Bus) documentation ";E1;" documentation 0 enumeration 200 documentation GGB documentation Gornergrat Bahn documentation Mountain train documentation ";E1;" documentation 0 enumeration 202 documentation ICE documentation ICE-Allemagne France documentation ICE Allemagne-France documentation 8 documentation 0 enumeration 203 documentation documentation ÖBB-NIGHTLINE documentation ÖBB Night Line documentation 13 documentation 0 enumeration 205 documentation ICP documentation Intercity Plus documentation
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		Intercity Plus documentation "/E1;" documentation 0 documentation RID documentation Riviera Day documentation Riviera day documentation 9 documentation 0 documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0 documentation RJ documentation R A I L J E T documentation Rail Jet documentation 9 documentation 0 documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0 documentation documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0 documentation documentation Railpromo Austria Express/Treski documentation Austria Express/Treski documentation 13
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		documentation 0 documentation
	enumeration 216	documentation PRECIOS MERCADO documentation Precios Mercado documentation 9 documentation 0 documentation TGV documentation TGV documentation TGV documentation 8 documentation 0 documentation FB documentation FB documentation FernBus documentation 32 documentation 0
	enumeration 219	documentation ICB documentation Intercitybus documentation ÖBB-Intercitybus documentation 32 documentation 0
	enumeration 223	documentation TLK documentation TLK train documentation Yours Rail Lines documentation 10 documentation 0
	enumeration 224	documentation A documentation RailBus documentation RailBus documentation 32 documentation 0
	enumeration 225	documentation TLK documentation TLK train documentation Yours Rail Lines documentation 10 documentation 0
	enumeration 226	documentation TLK documentation TLK train documentation Yours Rail Lines documentation 10 documentation 0
	enumeration 227	documentation

		BUS documentation Replacement bus for Regional Train documentation Replacement bus for Regional Train documentation 32 documentation 0 documentation IR documentation InterREGIO train documentation InterREGIO train documentation 10 documentation 0 documentation IRB documentation Replacement bus for InterRegio train documentation Replacement bus for InterRegio train documentation 32 documentation 0 documentation MP documentation Fast International Train documentation Fast International Train documentation 10 documentation 0 documentation MR documentation musicREGIO train documentation musicREGIO train documentation 11 documentation 0 documentation Os documentation Stopping Train documentation Stopping Train documentation 11 documentation 0 documentation P documentation Fast Train documentation
	enumeration 228	
	enumeration 229	
	enumeration 230	
	enumeration 231	
	enumeration 232	
	enumeration 233	

		Fast Train documentation 10 documentation 0 documentation R documentation REGIO train documentation REGIO train documentation 11 documentation 0 documentation RE documentation REGIOekspres train documentation REGIOekspres train documentation 10 documentation 0 documentation VR documentation viaREGIO train documentation viaREGIO train documentation 11 documentation 0 documentation TK documentation TurKol documentation TurKol documentation 11 documentation 0 documentation EIP documentation EIC Premium documentation High-speed train documentation 8 documentation 0 documentation SKM documentation PKP SKM w Trojmiescie documentation PKP SKM w Trojmiescie documentation 12 documentation
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		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 ";E1;" documentation 0
	enumeration 243	documentation STR documentation STRIZH documentation Strizh interregional documentation ";E1;" documentation 0
	enumeration 244	documentation NJ documentation NJ documentation NJ Night Jet documentation ";E1;" documentation 0
	enumeration 245	documentation CAR documentation AUTOCAR documentation French regional buses (not sold via Hermes) documentation ";E1;" documentation 0
	enumeration 246	documentation RJX documentation RJX documentation RJX railjet xpress documentation ";E1;" documentation 0
	enumeration 247	documentation CJX documentation

		CJX documentation CJX cityjet xpress documentation ";E1;" documentation 0 enumeration 248 documentation Night train BC documentation Night train BC documentation ";E1;" documentation 0 enumeration 249 documentation TGV documentation TGV INOUI documentation TGV INOUI documentation ";E1;" documentation 0 enumeration 250 documentation TGV documentation TGV INOUI documentation TGV INOUI DUPLEX (double decker TGV) documentation ";E1;" documentation 0 enumeration 251 documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation ";E1;" documentation 0 enumeration 252 documentation TGO documentation Treno Gottardo documentation Treno Gottardo (Panorama Train) documentation ";E1;" documentation 0 enumeration 253 documentation VAE documentation Voralpen-Express documentation Voralpen-Express (Panorama Train) documentation ";E1;" documentation
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	enumeration 254	0 documentation LK documentation FRECCIALINK documentation FRECCIALINK documentation ";E1;" documentation 0
	enumeration 255	documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation ";E1;" documentation 0
	enumeration 256	documentation ABS documentation ANEK – SUPERFAST JOINT VENTURE documentation Domestic routes Crete documentation ";E1;" documentation 0
	enumeration 257	documentation ASF documentation ANEK – SUPERFAST JOINT VENTURE documentation International Lines Italy-Greece and V.V. documentation ";E1;" documentation 0
	enumeration 258	documentation BSF documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation ";E1;" documentation 0
	enumeration 259	documentation HSW documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation ";E1;" documentation 0
source	<pre><xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/></pre>	

element **PlannedTrainTechnicalData**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	TrainWeight TrainLength WeightOfSetOfCarriages LengthOfSetOfCarriages TractionDetails TrainMaxSpeed HighestPlannedSpeed PlannedSpeed Coasting MaxAxleWeight RouteClass BrakeType EmergencyBrakeOverride BrakingRatio MinBrakedWeightPercent BrakeWeight TrainCC_System TrainRadioSystem TiltingFunction OperationalTrainCouplingStrength BogieWagonsOnly
used by	element PlannedTrainData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xs:element name="PlannedTrainTechnicalData"> <xs:annotation> <xs:documentation>Shows the relevant technical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainWeight" /> <xs:element ref="TrainLength" /> <xs:element ref="WeightOfSetOfCarriages" minOccurs="0" /> <xs:element ref="LengthOfSetOfCarriages" minOccurs="0" /> <xs:element ref="TractionDetails" maxOccurs="unbounded" /> <xs:element ref="TrainMaxSpeed" /> <xs:element ref="HighestPlannedSpeed" minOccurs="0" /> <xs:element ref="PlannedSpeed" minOccurs="0" /> <xs:element ref="Coasting" minOccurs="0" /> <xs:element ref="MaxAxleWeight" minOccurs="0" /> <xs:element ref="RouteClass" minOccurs="0" /> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure).</xs:documentation> </xs:annotation> </xs:sequence> <xs:element ref="BrakeType" minOccurs="0" /> <xs:element ref="EmergencyBrakeOverride" minOccurs="0" /> <xs:element ref="BrakingRatio" minOccurs="0" /> <xs:element ref="MinBrakedWeightPercent" minOccurs="0" /> <xs:element ref="BrakeWeight" minOccurs="0" /> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded" /> <xs:element ref="TrainRadioSystem" minOccurs="0" /> <xs:element ref="TiltingFunction" minOccurs="0" /> <xs:annotation> <xs:documentation>Indicates if a train uses a tilting system</xs:documentation> </xs:annotation> </xs:complexType> </xs:element> </pre>

element **PlannedTransportIdentifiers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ErrorMessage Identifiers
source	<pre><xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **PostalCode**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
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>10</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	10	
Kind	Value	Annotation								
minLength	1									
maxLength	10									
annotation	documentation The postal code for the postal address									
source	<pre><xs:element name="PostalCode"> <xs:annotation></pre>									

	<pre> <xs:documentation>The postal code for the postal address</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xsmaxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element PreArrangedPath

diagram	PreArrangedPa... <p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedJourneyLocation									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	9	
Kind	Value	Annotation								
minLength	1									
maxLength	9									
annotation	<p>documentation</p> <p>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.</p>									
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> <xs:minLength <xsmaxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element PreviousConsignmentNumber

diagram	PreviousConsignmentNum... <p>This element shows the previous Reference number assigned to a consignment by ...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
	This element identifies the RU, who was responsible for the train operation on the journey section before an interchange ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompanyCode
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint WIMO Dataset/ConsignmentLevelData
facets	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 alph...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<p>ProductionStation —> Location Identifies a Location using a LocationIdent Details of production station serving the point, this element is used if the productional station differs from the commercial station RP_Co... Routing point code of the production station of the acceptance or delivery poi...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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" /> <xs:element ref="RP_Code" minOccurs="0" /> </xs:sequence> </xs:complexType> </xs:element></pre>

element PushPullTrain

diagram	<p>PushPullTrain Indicates that the train can change direction without shunting. This flag can be used only with TractionMode 1X, 2X, 5X.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2									
type	restriction of xs:int									
properties	content simple									
used by	elements ConsignmentOrderMessage/COMS/COM/AttachedDocuments LoadingTackles									
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 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> <xs:restriction> <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element></pre> <p style="text-align: right;"> <i>base="xs:int"</i> <i>value="1"/></i> <i>value="99999"/></i> </p>									

element **ReceiptConfirmationMessage**

diagram	<pre> classDiagram class ReceiptConfirmationMessage { <<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.>> } class MessageHeader class Identifiers class ReferenceTrainIDSubCalendar class TypeOfRequest class TypeOfInformation class AffectedSection class RelatedReference ReceiptConfirmationMessage < -- MessageHeader ReceiptConfirmationMessage < -- Identifiers ReceiptConfirmationMessage < -- ReferenceTrainIDSubCalendar ReceiptConfirmationMessage < -- TypeOfRequest ReceiptConfirmationMessage < -- TypeOfInformation ReceiptConfirmationMessage < -- AffectedSection ReceiptConfirmationMessage < -- RelatedReference </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader Identifiers ReferenceTrainIDSubCalendar TypeOfRequest TypeOfInformation AffectedSection 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. 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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="RelatedReference"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element Recipient

diagram	<p>The diagram shows a UML class named "Recipient". It has a dependency relationship labeled "attributes" pointing to a box containing "CI_InstanceNumber". Below the class, there is a brief description: "Receiver of the message...".</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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 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> <xs:attribute base="CompanyCode"> ref="CI_InstanceNumber"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element> </pre>												

element ReferencedLocationDateTime

diagram	<p>The diagram shows a UML class named "ReferencedLocationDateTime". It has a dependency relationship pointing to a box containing "Reference to original planned Date and Time agreed by all involved IMs and RUs".</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
properties	content complex
children	MovementReferenceNumber ARC
used by	elements ITU Details Wagons/WagonDetails
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> <xs:element name="MovementReferenceNumber" maxOccurs="99" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> </xs:element> <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:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
accordance	

	<pre> <xs:maxLength value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ARC" minOccurs="0"> <xs:annotation>Administrative Reference CodeEMCS (Excise Movement and Control System)</xs:annotation> <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:length base="xs:string" value="21"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **ReferenceNumbers/MovementReferenceNumber**

diagram	<p>Movement Reference Number according to NCTS</p> <p>MRN_Type Type of MRN given, CODE: CIT GLV-CIM appendix 2; MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor ...</p> <p>MRN_Number Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	MRN_Type MRN_Number
annotation	documentation Movement Reference Number according to NCTS
source	<pre> <xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> </xs:element> </pre>

	<pre> <xs:sequence> <xs:element <xs:element <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>
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element **ReferenceNumbers/MovementReferenceNumber/MRN_Number**

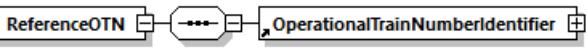
diagram	<p>MRN_Numb...</p> <p>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</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>21</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	21	
Kind	Value	Annotation								
minLength	1									
maxLength	21									
annotation	<p>documentation</p> <p>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006.</p>									
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> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre>									

element **ReferenceNumbers/ARC**

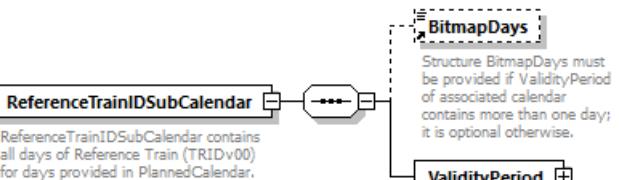
diagram	<p>ARC</p> <p>Administrative Reference CodeEMCS (Excise Movement and Control Sy...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

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 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/3.2
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 + Offs...</p>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RelatedIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompositIdentifierPlannedType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	element Identifiers
source	<pre><xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/></pre>

element **RelatedReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	RelatedType RelatedIdentifier RelatedSenderReference RelatedMessageDateTime
used by	elements ReceiptConfirmationMessage WagonDepartureNoticeMessage WagonDeviationMessage 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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	MessageCode									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
source	<pre><xs:element name="RelatedType" type="MessageCode"/></pre>									

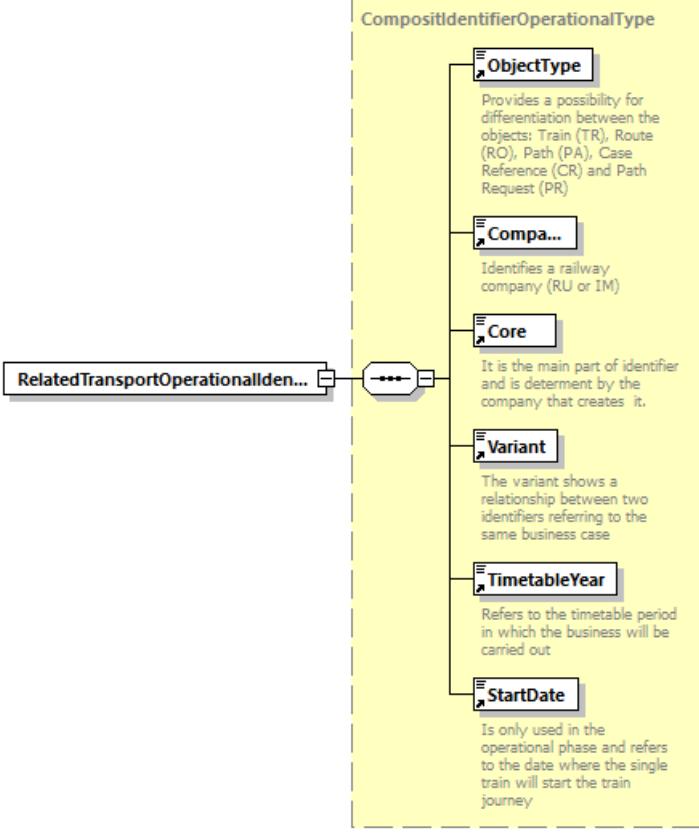
element **RelatedReference/RelatedMessageDateTime**

diagram	 Date Time of related messa...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
	Sender reference given by the Sender
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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**

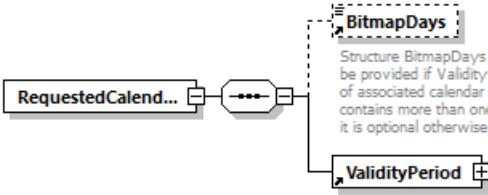
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompositIdentifierOperationalType
properties	content complex

children	ObjectType Company Core Variant TimetableYear StartDate
used by	element TrainOperationalIdentification
source	<xs:element name="RelatedTransportOperationalIdentifiers" type="CompositeIdentifierOperationalType"/>

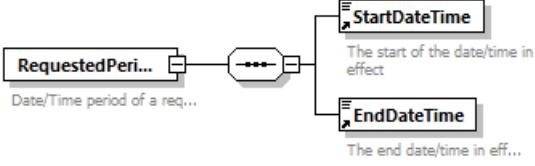
element **Remarks**

diagram	 Free Form ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
used by	elements DelayCauseTime InterruptionPoint TrainJourneyModificationMessage
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Form Text
source	<xs:element name="Remarks" type="FreeText"> <xs:annotation> <xs:documentation>Free Form Text</xs:documentation> </xs:annotation> </xs:element>

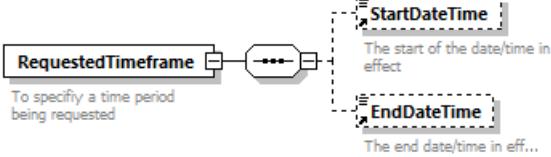
element **RequestedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	BitmapDays ValidityPeriod
used by	element PathInformation
source	<xs:element name="RequestedCalendar"> <xs:complexType> <xs:sequence> <xs:element ref="BitmapDays" minOccurs="0"/> <xs:element ref="ValidityPeriod"/> </xs:sequence> </xs:complexType> </xs:element>

element RequestedPeriod

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <p>Responsible... RU Responsible for the physical operation of the train or wagon</p> <p>Responsible... 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 t...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>Responsible... RU Responsible for the physical operation of the train or wagon</p> <p>Responsible... 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 t...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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													
	This element has to be used for the whole journey where the applicant has made the request												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of CompanyCode												
properties	content simple												
used by	element PlannedJourneyLocation												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> </tr> <tr> <td>pattern</td> <td>[0-9A-Z]{4}</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	4		maxLength	4		pattern	[0-9A-Z]{4}	
Kind	Value	Annotation											
minLength	4												
maxLength	4												
pattern	[0-9A-Z]{4}												
annotation	documentation This element has to be used for the whole journey where the applicant has made the request												
source	<pre><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></pre>												

element **ResponsibleIM**

diagram													
	<p>IM Responsible for Reporting.</p> <p>For Path Requests, this element has to be used</p> <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 t... 												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	CompanyCode												
properties	content simple												
used by	elements LocationPrimaryInformation PlannedJourneyLocation ResponsibilityActualSection ResponsibilityNextSection												
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>IM Responsible for Reporting.</p> <p>For Path Requests, this element has to be used</p> <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. 												
source	<pre> <xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) 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 </xs:documentation> </xs:annotation> </xs:element></pre>												

element **ResponsibleRU**

diagram	
	<p>RU Responsible for the physical operation of the train or wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompanyCode
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM/AcceptancePoint PlannedJourneyLocation ResponsibilityActualSection TrainDelayCauseMessage TrainReadyMessage ExceptionPoint ResponsibilityNextSection TrainRunningForecastMessage

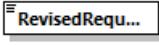
	TrainRunningInformationMessage TrainRunningInterruptionMessage			
facets	Kind Value Annotation			
	minLength 4			
	maxLength 4			
	pattern [0-9A-Z]{4}			
annotation	documentation RU Responsible for the physical operation of the train or wagon			
source	<xs:element name="ResponsibleRU" type="CompanyCode"> <xs:annotation> <xs:documentation>RU Responsible for the physical operation of the train wagon</xs:documentation> or </xs:annotation> </xs:element>			

element **RestrictionsDueToLoadOrDamage**

diagram	 RestrictionsDueToLoadOrDamage 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)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	RestrictionCodes
properties	content simple
used by	element WagonOperationalData
facets	Kind Value Annotation enumeration 07 enumeration 08 enumeration 09 enumeration 11 enumeration 12 enumeration 13 enumeration 14 enumeration 15 enumeration 18 enumeration 25 enumeration 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34 enumeration 35 enumeration 36 enumeration 37 enumeration 38 enumeration 39 enumeration 41 enumeration 42

	enumeration 50 enumeration 52 enumeration 62 enumeration 63 enumeration 68 enumeration 70 enumeration 71 enumeration 90 enumeration 91 enumeration 92 enumeration 94 enumeration 99
annotation	documentation These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13)
source	<pre><xs:element name="RestrictionsDueToLoadOrDamage" type="RestrictionCodes"> <xs:annotation> <xs:documentation>These are possible restrictions applicable in the originating country to shunting operations in stations and to main-line movements on account of the nature of the load. Coding in Restriction Codes (according to UIC Leaflet 920-13) </xs:documentation> </xs:annotation> </xs:element></pre>

element RevisedRequest

diagram	
	Indication for the IM whether wait because the RU will send a revised request soon or to make an alternative o...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<p>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information use...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	<u>Law</u> <u>DangerousGoodsIndication</u> <u>TechnicalDescription</u> <u>ProperShippingName</u> <u>SpecialProvisionsRID</u> <u>AdditionalProvisionsRID</u> <u>ActionRequiredFromCarrier</u> <u>WeightNettoExplosiveMass</u> <u>ClassificationCode</u> <u>EmptyPackingCode</u>
used by	element <u>Goods</u>
annotation	<p>documentation</p> <p>The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations. In contrast to the element "DangerousGoodsIndication" which only provides information to be provided to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order to provide all information used for RUs</p>

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:restriction> </xs:simpleType> </xs:element> <xs:element ref="DangerousGoodsIndication"/> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ProperShippingName" minOccurs="0"> <xs:annotation> <xs:documentation>The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it 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:annotation> <xs:documentation>Used for any global special provisions of chapter</pre>
--------	---

5.4, that are not treated by other elements in this message</xs:documentation>

```

    </xs:annotation>
    <xs:simpleType>
        <xs:restriction>
            <xs:minLength
            <xsmaxLength
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element      name="AdditionalProvisionsRID"      minOccurs="0">
    <xs:annotation>
        <xs:documentation>Used for any class related special provisions of
chapter 5.4, that are not treated by other elements in this
message</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction>
            <xs:minLength
            <xsmaxLength
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element      name="ActionRequiredFromCarrier"      minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special action required by the carrier according
to chapter 5.4.1.2.5.2      RID</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction>
            <xs:minLength
            <xsmaxLength
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element      name="WeightNettoExplosiveMass"      minOccurs="0">
    <xs:annotation>
        <xs:documentation>Special provision only necessary and allowed for
Class 1 (kg)- the total net mass of explosive substance (RID
5.4.1.2.1).</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
        <xs:restriction>
            <xs:minInclusive
            <xs:fractionDigits
            <xs:totalDigits
                </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>
            <xs:minLength

```

base="xs:string">
value="1"/>
value="350"/>

base="xs:string">
value="1"/>
value="350"/>

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value="1"/>
value="350"/>

base="xs:decimal">
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value="1"/>
value="8"/>

base="xs:string">
value="1"/>

	<pre> <xs:maxLength value="4"> <xs:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <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:restriction> </xs:simpleType> </pre>
--	---

	<pre> </xs:enumeration> <xs:enumeration value="09"> <xs:annotation> <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>EMPTY PORTABLE TANK</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>EMPTY VEHICLE</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>EMPTY WAGON</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>EMPTY</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence></pre>
--	---

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

element RID/Law

diagram	 The law after which the RID data are declared.															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	restriction of <code>xs:int</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>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> </tbody> </table>	Kind	Value	Annotation	enumeration	2013		enumeration	2015		enumeration	2017		enumeration	2019	
Kind	Value	Annotation														
enumeration	2013															
enumeration	2015															
enumeration	2017															
enumeration	2019															
annotation	documentation The law after which the RID data are declared.															
source	<pre> <xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are declared.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:enumeration value="2013"/> <xs:enumeration value="2015"/> <xs:enumeration value="2017"/> <xs:enumeration value="2019"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>															

element RID/TechnicalDescription

diagram	 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, c...									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of <code>xs:string</code>									
properties	<table> <tbody> <tr> <td>minOcc</td> <td>0</td> <td></td> </tr> <tr> <td>maxOcc</td> <td>1</td> <td></td> </tr> <tr> <td>content</td> <td>simple</td> <td></td> </tr> </tbody> </table>	minOcc	0		maxOcc	1		content	simple	
minOcc	0									
maxOcc	1									
content	simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>350</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	350	
Kind	Value	Annotation								
minLength	1									
maxLength	350									
annotation	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.
source	<pre> <xs:element name="TechnicalDescription" minOccurs="0"> <xs:annotation> <xs:documentation>The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element RID/ProperShippingName

diagram										
	The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" ...									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	 SpecialProvisionsRID Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message
source	<pre><xs:element name="SpecialProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any global special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength>1</xs:minLength> <xs:maxLength>350</xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element></pre>

element RID/AdditionalProvisionsRID

diagram	 AdditionalProvisionsRID Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message
source	<pre><xs:element name="AdditionalProvisionsRID" minOccurs="0"> <xs:annotation> <xs:documentation>Used for any class related special provisions of chapter 5.4, that are not treated by other elements in this message</xs:documentation> </xs:annotation> <xs:simpleType></pre>

	<pre> <xs:restriction> <xs:minLength value="1"/> <xsmaxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element RID/ActionRequiredFromCarrier

diagram	<p>ActionRequiredFromCarrier</p> <p>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:minLength value="1"/> <xsmaxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element RID/WeightNettoExplosiveMass

diagram	<p>WeightNettoExplosiveM...</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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 0 totalDigits 8 fractionDigits 1
annotation	documentation Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).

source	<pre> <xs:element name="WeightNettoExplosiveMass" minOccurs="0"> <xs:annotation> <xs:documentation>Special provision only necessary and allowed for Class 1 (kg)- the total net mass of explosive substance (RID 5.4.1.2.1).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:fractionDigits value="1"/> <xs:totalDigits value="8"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--------	---

element RID/ClassificationCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element RID/EmptyPackingCode

diagram	 <p>Code of empty packing as described in RID 5.4.1.1....</p>		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:string		
properties	minOcc 0 maxOcc 1 content simple		
facets	Kind	Value	Annotation
	enumeration	01	documentation EMPTY PACKAGING
	enumeration	02	documentation EMPTY CONTAINER
	enumeration	03	documentation EMPTY IBC
	enumeration	04	documentation EMPTY LARGE PACKAGING
	enumeration	05	documentation EMPTY TANK-VEHICLE
	enumeration	06	documentation EMPTY TANK-WAGON
	enumeration	07	documentation EMPTY DETACHABLE TANK
	enumeration	08	documentation EMPTY DEMOUNTABLE TANK
	enumeration	09	documentation EMPTY TANK-CONTAINER
	enumeration	10	documentation EMPTY PORTABLE TANK
	enumeration	11	documentation EMPTY BATTERY-VEHICLE
	enumeration	12	documentation EMPTY BATTERY-WAGON
	enumeration	13	documentation EMPTY LARGE CONTAINER WITH MULTIPLE LINKED ELEMENTS
	enumeration	14	documentation EMPTY VEHICLE
	enumeration	15	documentation EMPTY WAGON
	enumeration	16	documentation EMPTY RECEPTACLE le 1000L
	enumeration	17	documentation EMPTY RECEPTACLE gt 1000L
	enumeration	18	documentation EMPTY
annotation	documentation Code of empty packing as described in RID 5.4.1.1.6.2 documentation CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.		
source	<pre> <xs:element name="EmptyPackingCode" minOccurs="0"> <xs:annotation> <xs:documentation>Code of empty packing as described in RID 5.4.1.1.6.2</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification, element EMPTY has been added as 'dummy' until the code list has been finished and approved.</xs:documentation> </xs:annotation> </xs:element> </pre>		

	<pre> </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 RECEPACLE le 1000L</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>EMPTY RECEPACLE 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> </pre>
--	---

element RollingRoadUnit

diagram	<pre> classDiagram class RollingRoadUnit { <<Describes the type and content of a Rolling road ...>> } 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 "1" -- "1" RollingRoadUnitDetails RollingRoadUnit "1" -- "1" Goods RollingRoadUnit "1" -- "1" SummaryOfGoodsWithSameRID </pre>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	RollingRoadUnitDetails Goods SummaryOfGoodsWithSameRID
used by	element Wagons
annotation	documentation Describes the type and content of a Rolling road unit
source	<pre> <xs:element name="RollingRoadUnit"> <xs:annotation> <xs:documentation>Describes the type and content of a Rolling road unit</xs:documentation> </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:
 - 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> </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:enumeration> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

                </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/>- Successive carrier<br/>(With the agreement of the consignor)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                    <xs:restriction>
                        <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 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">

```

	<pre> <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 the attendant.</xs:documentation> <xs:documentation>READ:
- Consignee</xs:documentation> <xs:documentation>WRITE:
- Consignor</xs:documentation> <xs:documentation>AMEND:
- Successive carrier
(With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xsmaxLength 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:
- Successive carrier
(With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="1"/> <xsmaxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:sequence> <xs:complexType> <xs:element ref="Goods" maxOccurs="99"> <xs:annotation/> </xs:element> <xs:element ref="SummaryOfGoodsWithSameRID" minOccurs="0" maxOccurs="25"> <xs:sequence> <xs:complexType> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:sequence> </xs:complexType> </pre>
--	--

element RollingRoadUnit/RollingRoadUnitDetails

diagram	<pre> classDiagram class RollingRoadUnitDetails { <<Details for Rolling Road units on wagon>> } class LoadingStatus { <<Loading status of the equipment. 0=Empty, 1=Loaded>> } class RollingRoadUnitType { <<Type of Rolling Road unit on Wagon>> } class Vehicles { <<List of vehicles loaded (i.e. truck and trailer).>> } class TareWeightVehicle { <<Total weight [kg] of vehicle (truck and trailer).>> } class Haulier { <<Information concerning the haulier.>> } class Attendants { <<Attendants during the transport.>> } RollingRoadUnitDetails "3" -- "1" LoadingStatus RollingRoadUnitDetails "3" -- "1" RollingRoadUnitType RollingRoadUnitDetails "3" -- "2" Vehicles RollingRoadUnitDetails "3" -- "1" TareWeightVehicle RollingRoadUnitDetails "3" -- "1" Haulier RollingRoadUnitDetails "3" -- "2" Attendants </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	LoadingStatus RollingRoadUnitType Vehicles TareWeightVehicle Haulier Attendants
annotation	documentation Details for Rolling Road units on wagon
source	<pre> <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:
 - 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> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </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>
<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:annotation>
        <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:element>
      <xs:annotation>
        <xs:documentation>base="xs:string"><br/> value="10"/><br/> value="1"/></xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction>
          <xs:maxLength>
            <xs:minLength>
              </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:element>
  </xs:sequence>
</xs:complexType>

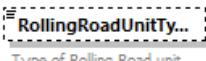
```

```

</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:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> - Successive carrier <br/> (With the agreement of the consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="15"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

element RollingRoadUnit/RollingRoadUnitDetails/RollingRoadUnitType

diagram																						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																					
type	restriction of xs:string																					
properties	<p>minOcc 0 maxOcc 1 content simple default HGZ</p>																					
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> <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:restriction> </xs:simpleType> </pre>																					

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

element RollingRoadUnit/RollingRoadUnitDetails/Vehicles

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 2 content complex
children	NumberPlate CountryCodeISO
annotation	<p>documentation</p> <p>List of vehicles loaded (i.e. truck and trailer).</p>
source	<pre> <xs:element name="Vehicles" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation>List of vehicles loaded (i.e. truck and trailer).</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberPlate"> <xs:annotation> <xs:documentation>Number plate of the vehicle.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <xs:documentation>WRITE:
 - Consignor</xs:documentation> <xs:documentation>AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="CountryCodeISO"> <xs:sequence> <xs:complexType> </xs:sequence> </xs:complexType> </xs:element> </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/3.2
type	restriction of xs:string
properties	content simple
facets	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/3.2
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	<xs:element name="TareWeightVehicle" type="WeightValueKilo">

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

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

diagram	<p>The diagram shows a UML class named "Haulier". It has two associations: one to "Name" (with multiplicity 0..1) and another to "CountryCodeISO" (with multiplicity 0..1). There is also a note below the "Haulier" class stating "Information concerning the haulier."</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:annotation> <xs:documentation>Identifies a County or State by code (ISO 3166-2).</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

diagram	<p>The diagram shows a UML class named "Attendants". It has a multiplicity of 0..2. It is associated with "LastName" (multiplicity 0..1) and "FirstName" (multiplicity 0..1). There is also a note below the "Attendants" class stating "Attendants during the transport."</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 2 content complex
children	LastName FirstName
annotation	documentation Attendants during the transport.
source	<pre><xs:element name="Attendants" minOccurs="0" maxOccurs="2"></pre>

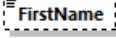
	<pre> <xs:annotation> <xs:documentation>Attendants during the transport.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ:
 - Consignee</xs:documentation> <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> <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> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/LastName**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
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>25</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	25	
Kind	Value	Annotation								
minLength	1									
maxLength	25									
annotation	documentation Last name of attendant.									

	<p>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> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram	 Optional first name of the attendant.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	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> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre>

	<pre> <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>	value="15"/>
--	--	--------------

element **RollingStockDataset**

diagram	<pre> classDiagram class RollingStockDataset { <<Rolling Stock administrative and Technical Dataset>> } class AdministrativeDataSet { <<Administrative Data Set>> } class DesignDataSet { <<Design Data Set>> } RollingStockDataset < -- AdministrativeDataSet RollingStockDataset < -- DesignDataSet </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	AdministrativeDataSet DesignDataSet
used by	elements RollingStockDatasetMessage WIMO Dataset
annotation	documentation Rolling Stock administrative and Technical Dataset
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> </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 case)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SuspensionOfAuthorisation" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if the authorisation has been suspended</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
special	

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

	<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> <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 <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> <xs:sequence> <xs:complexType> </xs:element> <xs:element name="ECMCertificate"> <xs:annotation> <xs:documentation> ECM 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: 34</xs:documentation> </xs:annotation> <xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ECMCertificateValidFrom" type="xs:date"> </pre>
--	--

```

        <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):</xs:documentation>
                    </xs:annotation>
                    <xs:enumeration value="01">= National</xs:enumeration>
                    <xs:enumeration value="02">= Bi-/Multilateral (with agreement or authorisation grid)</xs:enumeration>
                    <xs:enumeration value="03">= RIV</xs:enumeration>
                    <xs:enumeration value="05">= TEN</xs:enumeration>
                    <xs:enumeration value="06">= TEN-GE</xs:enumeration>
                    <xs:enumeration value="07">= TEN-CW</xs:enumeration>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

	08	=	TEN	RIV</xs:documentation>
		</xs:annotation>		
	GCU	</xs:element>		
		<xs:element name="GCUWagon" type="xs:boolean">		
		<xs:annotation>Indication if wagon is operated under the contract</xs:annotation>		
		</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>		
		<xs:maxLength>		base="xs:string" 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" value="20"/>
		<xs:maxLength>		
		</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 type depends on the manufacturer.</xs:documentation>		
		</xs:annotation>		
		<xs:simpleType>		
		<xs:restriction>		base="xs:string" value="256"/>
		<xs:maxLength>		
		</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>		

	<pre> bogie <xs:documentation>Number of bogies for a wagon (applies for 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 in mm</xs:documentation> </xs:annotation> </xs:element> <xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent 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 <xs:maxLength </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. </pre>
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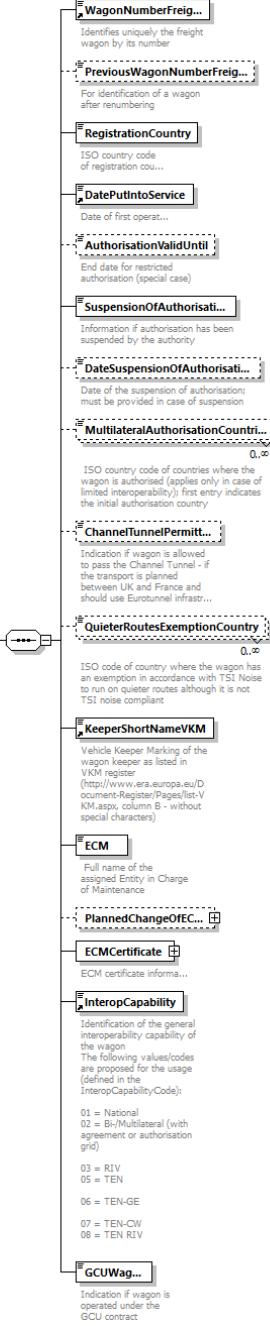
	<p>The complete load table must be provided including the empty load row (if existent).</xs:documentation></p> <pre> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="LoadTableProduct" minOccurs="0"> <xs:annotation> <xs:documentation>Product description, only applies for product-specific 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 load table</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation>RID product name as written on folding panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="LoadTableCountry" type="CountryIdentISO" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries for 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 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 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:sequence> </pre>
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	<pre> </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 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> </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"> <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 </pre>
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	<p>are retrofitted or originally equipped</p> <pre> </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:</xs:documentation> </xs:annotation> <xs:enumeration value="01" label="stanchion">stanchion</xs:enumeration> <xs:enumeration value="02" label="wagon">wagon</xs:enumeration> <xs:enumeration value="03" label="wagon">wagon</xs:enumeration> <xs:enumeration value="04" label="rail">rail</xs:enumeration> <xs:enumeration value="05" label="load">load</xs:enumeration> <xs:enumeration value="06" label="chain">chain</xs:enumeration> <xs:enumeration value="07" label="wagon">wagon</xs:enumeration> <xs:enumeration value="08" label="stanchions">stanchions</xs:enumeration> <xs:enumeration value="09" label="coupling">coupling</xs:enumeration> <xs:enumeration value="10" label="bunker">bunker</xs:enumeration> <xs:enumeration value="11" label="screen">screen</xs:enumeration> <xs:enumeration value="12" label="frame">frame</xs:enumeration> <xs:enumeration value="13" label="meat">meat</xs:enumeration> <xs:enumeration value="14" label="plane">plane</xs:enumeration> </xs:sequence> </xs:complexType> </xs:element> </pre>
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	<pre> </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 for tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element RollingStockDataset/AdministrativeDataSet

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon
source	<pre> <xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> </pre>

```

<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" 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>
                        </xs:element>
                    </xs:element>
                </xs:annotation>
            </xs:element>
        </xs:annotation>
    </xs:element>

```

```

        </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" value="256"/>
            <xs:restriction>
                <xs:maxLength>256</xs:maxLength>
            </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" value="256"/>
                        <xs:restriction>
                            <xs:maxLength>256</xs:maxLength>
                        </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</xs:documentation>
                    </xs:annotation>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation>

	<pre> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean"> <xs:annotation> <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ECMCertificateSuspended" type="xs:boolean"> <xs:annotation> <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation> </xs:annotation> </xs:element> <xs:element name="DateECMCertificateSuspended" type="xs:date" minOccurs="0"> <xs:annotation> <xs:documentation>Date of the suspension of the ECM certificate; must be provided in case of suspension</xs:documentation> </xs:annotation> </pre>
--	--

	<pre> </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 = Bi-/Multilateral (with agreement or authorisation grid) National 02 = RIV 03 = TEN 05 = 06 = 07 = 08 = TEN RIV </xs:annotation> </xs:element> <xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight

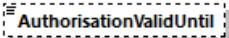
diagram	<p>For identification of a wagon after renumbering</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	WagonIdent									
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	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}									
annotation	<p>documentation</p> <p>For identification of a wagon after renumbering</p>									
source	<pre> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent"> <minOccurs>0</minOccurs> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </pre>									

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

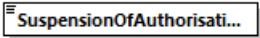
element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

diagram	 RegistrationCountry ISO country code of registration cou...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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**

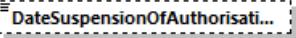
diagram	 AuthorisationValidUntil End date for restricted authorisation (special case)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:date
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)
source	<pre><xs:element name="AuthorisationValidUntil" 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**

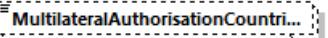
diagram	 SuspensionOfAuthorisati... Information if authorisation has been suspended by the authority
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

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	 Date of the suspension of authorisation; must be provided in case of suspension
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	 0..∞ 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/3.2
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"></pre>

	<pre><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	ChannelTunnelPermitt... <p>Indication if wagon is allowed to pass the Channel Tunnel - if the transport is planned between UK and France and should use Eurotunnel infrastr...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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**

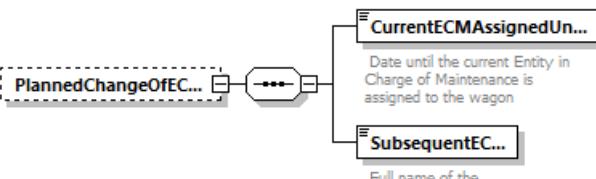
diagram	QuieterRoutesExemptionCountry <p>ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CountryIdentISO
properties	minOcc 0 maxOcc unbounded 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</pre>

	accordance with TSI Noise to run on quieter routes although it is not TSI noise </xs:annotation> </xs:element>
--	--

element **RollingStockDataset/AdministrativeDataSet/ECM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:sequence> </xs:complexType> </xs:element></pre>

	<pre> </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	<p>CurrentECMAssignedUn...</p> <p>Date until the current Entity in Charge of Maintenance is assigned to the wagon</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>SubsequentEC...</p> <p>Full name of the following Entity in Charge of Maintenance</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
facets	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:element> </pre>

	<pre>Maintenance</xs:documentation> </xs:annotation> <xssimpleType> <xs:restriction> <xs:maxLength </xs:restriction> </xssimpleType> </xs:element></pre>	base="xs:string" value="256"/>
--	---	--

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

diagram	<pre> graph LR EC[ECMCertificate] --- EN[EINNumber] EC --- VFrom[ECMCertificateValidFrom] EC --- VTo[ECMCertificateValidTo] EC --- CT1[CoversTankWagonsForDangerousGoods] EC --- CT2[CoversNonTankWagonsForDangerousGoods] EC --- DS[DateECMCertificateSuspended] </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xssimpleType> <xs:sequence> <xs:element name="EINNumber"> <xs:annotation> <xs:documentation>ECM certificate reference number</xs:documentation> 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:element> </xs:sequence> </xssimpleType> </xs:element></pre>

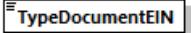
	<pre> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"> <xs:annotation> <xs:documentation>EIN Counter</xs:documentation> </xs:annotation> <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> </pre>
--	--

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

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

diagram	<pre> classDiagram class 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. } class CountryCodeISO { Identifies a County or State by code (ISO 3166-2) } class TypeDocumentEIN { Code List Candidate: 31, 34 } class CounterAcreditedRecognizedBody class EINYear class EINCounter EINNumber --> CountryCodeISO EINNumber --> TypeDocumentEIN EINNumber --> CounterAcreditedRecognizedBody EINNumber --> EINYear EINNumber --> EINCounter </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	CountryCodeISO TypeDocumentEIN CounterAcreditedRecognizedBody EINYear EINCounter
annotation	<p>documentation</p> <p>ECM certificate reference number</p> <p>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</xs:documentation> NOTE: this is a placeholder! CR 335 by ERA is containing this element and its full description and code lists.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="CountryCodeISO"/> <xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/> <xs:element name="EINYear" type="Numeric2-2"/> <xs:element name="EINCounter"> <xs:simpleType> <xs:restriction> <xs:minInclusive value="0"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN**

diagram	 TypeDocumentEIN <small>Code List Candidate: 31, 34</small>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric2-2
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Code List Candidate: 31, 34
source	<pre><xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code 31, </xs:annotation> </xs:element></pre>

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody

diagram	 CounterAcreditedRecognizedBo...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric2-2
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<pre><xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/></pre>

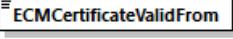
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear**

diagram	 EINYear
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric2-2
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<pre><xs:element name="EINYear" type="Numeric2-2"/></pre>

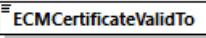
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINCounter**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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> <xs:minInclusive>0</xs:minInclusive> <xs:maxInclusive>9999</xs:maxInclusive> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidFrom**

diagram	
	Certificate valid from ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:date
properties	content simple
annotation	documentation Certificate valid from date
source	<pre> <xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateValidTo**

diagram	
	Certificate valid to d...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

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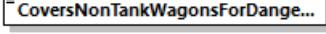
element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

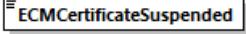
diagram	 <p>Certificate covers tank wagons for dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods
source	<pre><xs:element name="CoversTankWagonsForDangerousGoods" 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	 <p>Certificate covers other wagons specialised in transport of dangerous goods</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	 <p>Identification if certificate has been suspended for any reason</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 </xs:annotation> </xs:element></pre>

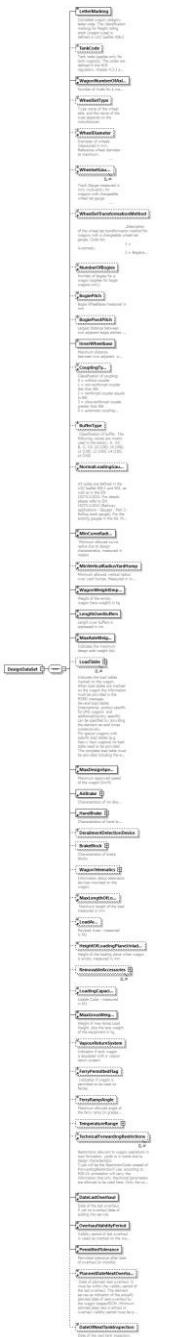
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/DateECMCertificateSuspended**

diagram	<p>DateECMCertificateSuspended Date of the suspension of the ECM certificate; must be provided in case of suspension</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<p>GCUWagon... Indication if wagon is operated under the GCU contract</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract
source	<pre><xs:element name="GCUWagon" type="xs:boolean"> <xs:annotation> <xs:documentation>Indication if wagon is operated under the GCU contract</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase CouplingType BufferType NormalLoadingGauge MinCurveRadius MinVerticalRadiusYardHump WagonWeightEmpty LengthOverBuffers MaxAxeWeight LoadTable MaxDesignSpeed AirBrake HandBrake DerailmentDetectionDevice BrakeBlock WagonTelematics MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection
source	<pre><xs:element name="DesignDataSet"> <xs:complexType></pre>

	<pre> <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> <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> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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 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> </pre>
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</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:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

	<pre> <xs:element name="ProductRIDName"> <xs:annotation> <xs:documentation> RID product name as written on the panel</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="LoadTableCountry" type="CountryIdentISO" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>ISO country code of countries for 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 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 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 tons of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:totalDigits value="4"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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	<pre> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="MaxDesignSpeed"/> <xs:element ref="AirBrake"/> <xs:element ref="HandBrake"/> </xs:element> <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> <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> </pre>
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	<pre> <xs:element ref="MaxLengthOfLoad" minOccurs="0"> <xs:annotation> <xs:documentation> Maximum length of the load measured in mm </xs:documentation> </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: </xs:documentation> </xs:annotation> <xs:enumeration value="01" label="stanchion">stanchion <xs:enumeration value="02" label="wagon">wagon <xs:enumeration value="03" label="wagon">wagon <xs:enumeration value="04" label="rail">rail <xs:enumeration value="05" label="load">load <xs:enumeration value="06" label="chain">chain <xs:enumeration value="07" label="wagon">wagon <xs:enumeration value="08" label="stanchions">stanchions <xs:enumeration value="09" label="coupling">coupling <xs:enumeration value="10" label="bunker">bunker <xs:enumeration value="11" label="screen">screen <xs:enumeration value="12" label="frame">frame <xs:enumeration value="13" label="meat">meat <xs:enumeration value="14" label="plane">plane <xs:enumeration value="15" label="support">support <xs:enumeration value="16" label="loads">loads <xs:enumeration value="17" label="loads">loads <xs:enumeration value="18" label="Scotch">Scotch <xs:enumeration value="19" label="wagon">wagon <xs:enumeration value="20" label="wagon">wagon <xs:enumeration value="21" label="wagon">wagon <xs:enumeration value="22" label="wagon">wagon <xs:enumeration value="23" label="extinguisher">extinguisher <xs:enumeration value="24" label="wagon">wagon <xs:enumeration value="25" label="wagon">wagon <xs:enumeration value="26" label="sheeting">sheeting <xs:enumeration value="27" label="markings">markings <xs:enumeration value="28" label="goods">goods <xs:enumeration value="29" label="roads">roads <xs:enumeration value="99" label="accessories">accessories </xs:enumeration> </xs:sequence> </xs:complexType> </xs:element> <xs:element name="NumberOfAccessoriesType" type="Numeric2-2"> <xs:annotation> </xs:annotation> </xs:element> </pre>
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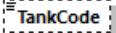
	<pre> the <xs:documentation>Number of specified accessory equipped on wagon</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="LoadingCapacity" minOccurs="0"/> <xs:element ref="MaxGrossWeight"> <xs:annotation> <xs:documentation>Weight of 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> <xs:totalDigits base="xs:decimal"> <xs:fractionDigits value="3"/> <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> </pre>
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	<pre> </xs:annotation> </xs:element> <xs:element ref="DateLastOverhaul"> <xs:annotation> <xs:documentation>Date of the last overhaul, if yet no overhaul date 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 to tank wagons</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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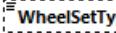
element **RollingStockDataset/DesignDataSet/LetterMarking**

diagram	 LetterMarking <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
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>20</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	20	
Kind	Value	Annotation					
maxLength	20						
annotation	<p>documentation</p> <p>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</p>						
source	<pre> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438- 2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>						

element **RollingStockDataset/DesignDataSet/TankCode**

diagram	 TankCode Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 a...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 20
annotation	documentation Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1
source	<pre> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/WheelSetType**

diagram	 WheelSetType Type name of the wheel sets, and the name of the type depends on the manufacturer.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element></pre>

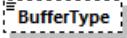
element ***RollingStockDataset/DesignDataSet/BogiePivotPitch***

diagram	<p>BogiePivotPitch</p> <p>Largest distance between two adjacent bogie pitches ...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	Numeric1-5									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation Largest distance between two adjacent bogie pitches in mm									
source	<pre><xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element></pre>									

element ***RollingStockDataset/DesignDataSet/InnerWheelbase***

diagram	<p>InnerWheelbase</p> <p>Maximum distance between two adjacent a...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	Numeric1-5									
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 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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <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... 0..∞ } class SpeedCategory { Numeric speed in load table, without speed empty in k... 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 sy... } class RouteClassPayloads { 1..∞ } LoadTable "0..∞" -- "1..∞" LoadTableCountry LoadTable "0..∞" -- "1..∞" SpeedCategory LoadTable "0..∞" -- "1..∞" LoadTableStars LoadTable "0..∞" -- "1..∞" RouteClassPayloads </pre> <p>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and additional/country specific) can be specified by providing the element several times consecutively. For special wagons with specific load tables (e.g. heavy haul wagons) no load table need to be provided. The complete load table must be provided including the empty load row (if existent).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	<p>minOcc 0 maxOcc unbounded content complex</p>
children	LoadTableProduct LoadTableCountry SpeedCategory LoadTableStars RouteClassPayloads
annotation	<p>documentation</p> <p>Indicates the load tables marked on the wagon. 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>
source	<pre> <xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Indicates the load tables marked on the wagon. When load tables are marked on the wagon the information must be provided in the RSRD message. Several load tables (international, product specific for LPG wagons and 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> </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">
        <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" 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>

```

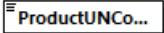
	<pre> <xs:element ref="RouteClass"/> <xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction 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> </pre>
--	--

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

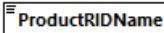
diagram	<pre> classDiagram class LoadTableProduct class ProductUNCode class ProductRIDName LoadTableProduct < -- ProductUNCode LoadTableProduct < -- ProductRIDName </pre> <p>Product description, only applies for product-specific load tables</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	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"> <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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:restriction <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>	<pre> base="xs:string"> value="256"/></pre>
--	---	---

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

diagram	 ProductUNCo... UN code of product if product specific load table											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2											
type	Numeric4-4											
properties	content simple											
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 UN code of product if product specific load table											
source	<pre> <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></pre>											

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

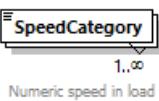
diagram	 ProductRIDName RID product name as written on the folding panel								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2								
type	restriction of xs:string								
properties	content simple								
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <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 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> <xs:maxLength <xs:value>256</xs:value> </xs:restriction> </xs:simpleType> </xs:element></pre>								

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

element **RollingStockDataset/DesignDataSet/LoadTable/LoadTableCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric1-5
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Numeric speed in load table, without speed empty in km/h
source	<pre><xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads**

diagram	<pre> classDiagram class RouteClassPayloads { <<Sequence>> <<RouteClass>> <<MaxPayload>> } RouteClassPayloads --> RouteClass RouteClassPayloads --> MaxPayload RouteClass < --> MaxPayload </pre> <p>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy sys...</p> <p>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 1 maxOcc unbounded content complex
children	RouteClass MaxPayload
source	<pre> <xss:element name="RouteClassPayloads" maxOccurs="unbounded"> <xss:complexType> <xss:sequence> <xss:element name="RouteClass" ref="RouteClass"/> <xss:element name="MaxPayload" maxOccurs="unbounded"> <xss:annotation> <xss:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:decimal"> <xss:totalDigits value="4"/> <xss:fractionDigits value="1"/> </xss:restriction> </xss:simpleType> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre>

element **RollingStockDataset/DesignDataSet/LoadTable/RouteClassPayloads/MaxPayload**

diagram	<pre> classDiagram class MaxPayload { <<Sequence>> <<MaxPayload>> } MaxPayload --> MaxPayload </pre> <p>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:decimal
properties	minOcc 1 maxOcc unbounded content simple

facets	Kind Value Annotation totalDigits 4 fractionDigits 1
annotation	documentation Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory
source	<pre><xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonnes of line category; number of entries must fit to number of entries in SpeedCategory</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:totalDigits <xs:fractionDigits </xs:restriction> </xs:simpleType> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	DerailmentDetectionDevice
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
source	<pre><xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/></pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock**

diagram	<p>Characteristics of brake blocks</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate

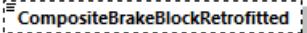
annotation	documentation Characteristics of brake blocks
source	<pre> <xs:element name="BrakeBlock" minOccurs="0"> <xs:annotation> <xs:documentation>Characteristics of brake blocks</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="BrakeBlockName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of the brake block type, including the length mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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></pre>

element RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName

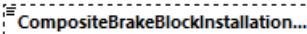
diagram							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	restriction of <code>xs:string</code>						
properties	<table> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> </table>	minOcc	0	maxOcc	1	content	simple
minOcc	0						
maxOcc	1						
content	simple						
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>256</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	256	
Kind	Value	Annotation					
maxLength	256						
annotation	<p>documentation Name of the brake block type, including the length in mm</p>						
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:element></pre>						

	<pre>mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element></pre>	base="xs:string" value="256"/>
--	--	--

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockRetrofitted**

diagram	 CompositeBrakeBlockRetrofitted Indication if composite brake blocks are retrofitted or originally equipped
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 or originally equipped</xs:documentation> </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/BrakeBlock/CompositeBrakeBlockInstallationDate**

diagram	 CompositeBrakeBlockInstallation... Date of composite brake block installation, for originally equipped wagon = date put into service
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<pre> classDiagram class WagonTelematics { <<Information about telematics devices mounted on the wagon.>> } class TelematicsOnBoard { <<Indication if wagon is equipped with a telematics device.>> } class TelematicsDevice { <<Detailed information about a specific telematics device.>> } WagonTelematics "0..1" --> TelematicsOnBoard TelematicsOnBoard --> "0..∞" TelematicsDevice </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<u>WagonTelematics</u>
properties	minOcc 0 maxOcc 1 content complex
children	<u>TelematicsOnBoard</u> <u>TelematicsDevice</u>
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> </xs:annotation> </xs:element> </pre>

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

diagram	<pre> classDiagram class HeightOfLoadingPlaneUnladen... <<Height of the loading plane when wagon is empty measured in mm>> </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	<u>Numeric1-5</u>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Height of the loading plane when wagon is empty measured in mm
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	<pre> classDiagram class RemovableAccessories { <<RemovableAccessories>> <<TypeOfRemovableAccessories>> <<NumberOfAccessorOfSpecType>> } RemovableAccessories "0..infinity" --> TypeOfRemovableAccessories : Specification RemovableAccessories --> NumberOfAccessorOfSpecType : Number of specified accessory equipped on the wagon </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc unbounded content complex
children	TypeOfRemovableAccessories NumberOfAccessorOfSpecType
source	<pre> <xss:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"> <xss:complexType> <xss:sequence> <xss:element ref="TypeOfRemovableAccessories"> <xss:annotation> <xss:documentation>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13:</xss:documentation> 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 road... </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre>

	<pre> 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 = 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="NumberOfAccessorOfSpecType" 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/NumberOfAccessorOfSpecType**

diagram	 NumberOfAccessorOfSpecType Number of specified accessory equipped on the wagon									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	<u>Numeric2-2</u>									
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	<xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation> </xs:annotation> </xs:element>									

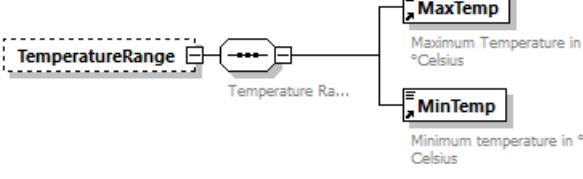
element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	VapourReturnSystem Indication if tank wagon is equipped with a vapour return system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 </xs:annotation> </xs:element></pre>

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

diagram	FerryRampAngle Maximum allowed angle of the ferry ramp (in grades...)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:decimal
properties	minOcc 0 maxOcc 1 content simple
facets	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:simpleType> <xs:restriction> <xs:totalDigits <xs:fractionDigits </xs:restriction> </xs:simpleType> </xs:element></pre>

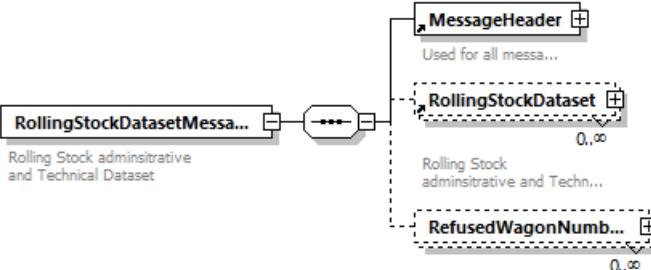
element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 name="MaxTemp" ref="MaxTemp"/> <xs:element name="MinTemp" ref="MinTemp"/> </xs:sequence> </xs:complexType> </xs:element></pre>

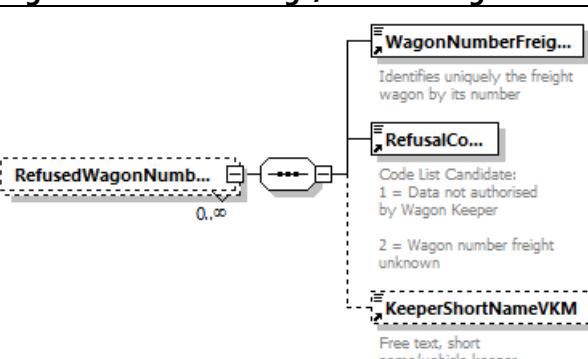
element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>

element **RollingStockDatasetMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader RollingStockDataset RefusedWagonNumbers
annotation	documentation Rolling Stock adminsitrative and Technical Dataset
source	<pre> <xs:element name="RollingStockDatasetMessage"> <xs:annotation> <xs:documentation>Rolling Stock adminsitrative 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" maxOccurs="unbounded" ref="RefusedWagonNumbers"> <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	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc unbounded content complex
children	WagonNumberFreight RefusalCode KeeperShortNameVKM
source	<pre><xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element RollingStockDatasetQueryMessage

diagram	<p>The diagram illustrates the structure of the RollingStockDatasetQueryMessage. It consists of three main components: a central box labeled "RollingStockDatasetQueryMessage", a box labeled "MessageHeader" to its right, and a box labeled "WagonNumberFreight" below "MessageHeader". An association line connects "RollingStockDatasetQueryMessage" to "MessageHeader", and another association line connects "RollingStockDatasetQueryMessage" to "WagonNumberFreight". The "MessageHeader" box contains the text "Used for all mess..." and "Identifies uniquely the freight wagon by its number". The "WagonNumberFreight" box has a multiplicity of "1..∞". Below the diagram, a note states "Rolling Stock administrative and Technical Dataset".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonNumberFreight
annotation	documentation Rolling Stock administrative and Technical Dataset
source	<pre><xs:element name="RollingStockDatasetQueryMessage"> <xs:annotation> <xs:documentation>Rolling Stock administrative and Technical Dataset</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element RouteInformation

diagram	<p>The diagram shows a single box labeled "RouteInformation". Below the box, a note states "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/3.2
type	FreeText

properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation The route of the journey for a wagon / shipment or Intermodal unit assigned by the LRU
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/3.2
properties	content complex
children	RouteSection
used by	ConsignmentOrderMessage/COMS/COM
annotation	documentation Sequential information about the complete routing of the consignment, the LeadRu decides whether to provide this information or not
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> <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:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

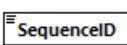
	<pre> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:length <xs:pattern value="5"/> </xs:pattern> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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> </pre>
--	---

element **Routing/RouteSection**

diagram	<pre> classDiagram class RouteSection class SequenceID class RouteCode class RouteText RouteSection "1..30" --> SequenceID SequenceID --> RouteCode RouteCode --> RouteText </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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"> </pre>

	<pre> <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 <xs:annotation> <xs:documentation>Route code (International RouteCode)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:length <xs:pattern value="5"/> </xs:length> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="RouteText" <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **Routing/RouteSection/SequenceID**

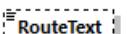
diagram	 <p>SequenceID</p> <p>Position of the route section in transport chain. Used to determine the exact way of the transport for customs purposes.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:int
properties	content simple
annotation	documentation Position of the route section 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> </pre>

	<code></xs:element></code>
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element **Routing/RouteSection/RouteCode**

diagram	 RouteCo... Route code (International RouteCode)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
facets	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: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	 RouteText Description of the specific route section
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Description of the specific route section
source	<pre> <xs:element name="RouteText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the specific route section</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="80"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

element RP_Code

diagram	<p>RP_Co...</p> <p>Routing point code of the production station of the acceptance or delivery poi...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
used by	element ProductionStation
facets	Kind Value Annotation length 5
annotation	documentation Routing point code of the production station of the acceptance or delivery point.
source	<pre><xs:element name="RP_Code"> <xs:annotation> <xs:documentation>Routing point code of the production station of the acceptance or delivery point. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element RU_Partner

diagram	<p>Railway Undertaking</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompanyCode
properties	content simple
used by	elements ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments
facets	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	 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/3.2
type	xs:dateTime
properties	content simple
used by	element 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	 ScheduledTimeAtHandover The referenced date and time of departure or entrance at the border between two different IMs
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
used by	element 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	 ScheduledTimeAtLocation Scheduled Date and Time at a location related to the status of the train or wagon at the given loca...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 --> NumberOfSeals Seals --> SealsDescription </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	NumberOfSeals SealsDescription
used by	elements ITU Details Wagons/WagonDetails
annotation	documentation Describes the seals used for the consignment
source	<pre> <xs:element name="Seals"> <xs:annotation> <xs:documentation>Describes the seals used for the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="SealsDescription" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> <xs:minLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>	<code>value="1"/></code>
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element Seals/NumberOfSeals

diagram	NumberOfSeals Number of the seals attached by the original consignor.										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
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>0</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>2</td> <td></td> </tr> </tbody> </table>		Kind	Value	Annotation	minInclusive	0		totalDigits	2	
Kind	Value	Annotation									
minInclusive	0										
totalDigits	2										
annotation	documentation Number of the seals attached by the original consignor.										
source	<pre> <xs:element name="NumberOfSeals"> <xs:annotation> <xs:documentation>Number of the seals attached by the original consignor.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:totalDigits value="2"/> </xs:restriction> </xs:simpleType> </xs:element></pre>										

element Seals/SealsDescription

diagram	SealsDescription 0.10 Additional information of the original consignor regarding the attached seals.										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of xs:string										
properties	minOcc 0 maxOcc 10 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 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"> <xs:maxLength value="10"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>
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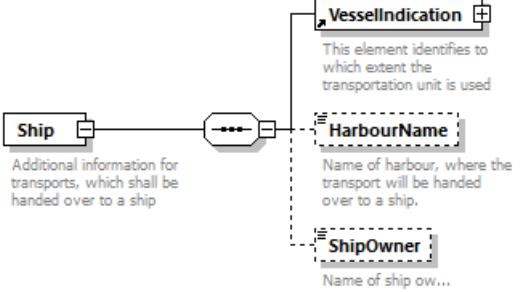
element **Sender**

diagram	<p>The sender of the message</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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**

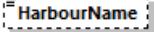
diagram	
	reference used by the sender (e.g. FTP file name)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	FreeText
properties	content simple
used by	element MessageHeader
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation reference used by the sender (e.g. FTP 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**

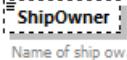
diagram	
	This element identifies to which extent the transportation unit is used Name of harbour, where the transport will be handed over to a ship Name of ship owner
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	VesselIndication HarbourName ShipOwner
used by	ITU Details Wagons/WagonDetails
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<pre><xs:element name="Ship"> <xs:annotation> <xs:documentation>Additional information for transports, which shall be handed over to a ship</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselIndication"/> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>

	<pre> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </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> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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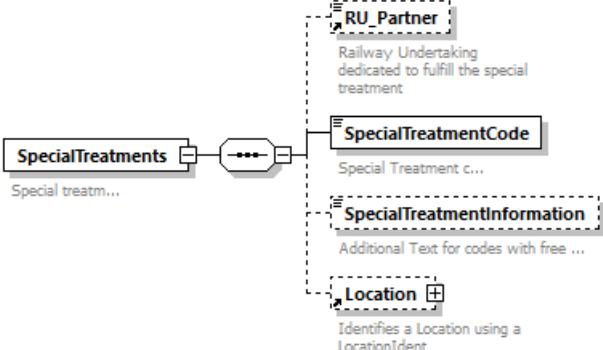
element Ship/HarbourName

diagram	 <p>Name of harbour, where the transport will be handed over to a ship.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>35</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	35	
Kind	Value	Annotation								
minLength	1									
maxLength	35									
annotation	<p>documentation</p> <p>Name of harbour, where the transport will be handed over to a ship.</p>									
source	<pre> <xs:element name="HarbourName" minOccurs="0"> <xs:annotation> <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **Ship/ShipOwner**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
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> <xs:documentation>Special treatment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence></pre>

	<pre> <xs:element ref="RU_Partner" minOccurs="0"> <xs:annotation> <xs:documentation>Railway Undertaking dedicated to fulfill the 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> <xs:length <xs:minLength value="2"/> <xs:maxLength value="40"/> </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> <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/3.2
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> <xs:restriction> <xs:length <xs:minLength value="2"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

element **SpecialTreatments/SpecialTreatmentInformation**

diagram	 SpecialTreatmentInformation Additional Text for codes with free ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:minLength value="1"/> <xs:maxLength value="40"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **SRID**

diagram	 SRID ID of coordinates system used (EPSG c...)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:documentation>ID of coordinates system used (EPSG code)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:pattern value="[0-9]{4}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

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

element **StartDate**

diagram	StartDate The start of the date/time in effect
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:date
properties	content simple
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType ValidityPeriod
annotation	documentation The start of the date/time in effect
source	<pre><xs:element name="StartDate" type="xs:date"> <xs:annotation> <xs:documentation>The start of the date/time in effect</xs:documentation> </xs:annotation> </xs:element></pre>

element **StartDateTime**

diagram	StartDateTime The start of the date/time in effect
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Starting point of section or segment
source	<pre><xs:element name="StartLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Starting point of section or segment</xs:documentation> </xs:annotation> </xs:element></pre>

element **Station**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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>
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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/3.2
properties	content complex
children	UN Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume
used by	elements 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 includes more than one good with the same UN-Number in , packing group and </pre>

	<p>proper shipping name in the wagon. The added amount of the dangerous goods are to be stored here</p> <pre></xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="UN_Number" minOccurs="0"/> <xs:element ref="PackingGroup" minOccurs="0"/> <xs:element ref="DangerousGoodsWeight" minOccurs="0"> <xs:annotation> <xs:documentation>The weight of the dangerous goods in Kilograms</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="DangerousGoodsVolume" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>
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element **TechnicalForwardingRestrictions**

diagram	<p>TechnicalForwardingRestrictions</p> <p>This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load.</p> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passenger Traffic are in the same list which is contained in the code list RestrictionCodes.</p> <p>In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element.</p> <p>F =</p> <p>Freight P = Passenger T = Technical D = Damage L = Load</p> <table border="1"> <thead> <tr> <th>Code</th><th>F or P</th><th>Description</th></tr> </thead> <tbody> <tr> <td>D L</td><td></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</td><td>Wagon other than bogie wagon with wheelbase of more than 9 metres</td></tr> <tr> <td>12 F</td><td>x</td><td>Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres</td></tr> <tr> <td>13 F</td><td>x</td><td>Bogie wagon with distance between wheels of more than 17,50 metres</td></tr> <tr> <td>15 F</td><td>x</td><td>Wagon not allowed over the hump</td></tr> <tr> <td>16 F</td><td>x x x</td><td>Do not fly shunt or gravity shunt (3 red triangles)</td></tr> <tr> <td colspan="3">...</td></tr> </tbody> </table>	Code	F or P	Description	D L		T	07 F		Shunt only when hand brake operable with ground staff	11 F	x	Wagon other than bogie wagon with wheelbase of more than 9 metres	12 F	x	Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres	13 F	x	Bogie wagon with distance between wheels of more than 17,50 metres	15 F	x	Wagon not allowed over the hump	16 F	x x x	Do not fly shunt or gravity shunt (3 red triangles)	...		
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...																												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
type	RestrictionCodes																											
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>enumeration</td><td>07</td><td></td></tr> <tr> <td>enumeration</td><td>08</td><td></td></tr> <tr> <td>enumeration</td><td>09</td><td></td></tr> <tr> <td>enumeration</td><td>11</td><td></td></tr> <tr> <td>enumeration</td><td>12</td><td></td></tr> <tr> <td>enumeration</td><td>13</td><td></td></tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13							
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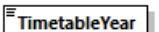
			x					
	15	F						
				x	x	x		
	16	F						
							x	x
	18	F	x					
	25	F	x					
							x	
	41	F						
				x	x			
	42	F	x					
	63	F (+P)	x	x				
	one							
	70	F			x	x		
	71	F		x	x	x		
	94	F	x	x				
							x	
source	<pre><xs:element name="TechnicalForwardingRestrictions" type="RestrictionCodes"> <xs:annotation> <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. F = Freight P = Passenger T = Technical D = Damage L = Load Code F or P Description</pre>							
			T	D	L			

	07	F	Shunt only when hand brake operable with ground staff	
	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
	41	F	Place this wagon at the front of the train	x
	42	F	Place this wagon at the rear of the train	x x x
	63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x x
	70	F	Shunt with care (1 red triangle)	
	71	F	Shunt with special care (2 red triangle)	x x x
	94	F	Gas carrying wagon without orange side stripe	x x x
				x
				</xs:documentation>
				</xs:annotation>
				</xs:element>

element **TiltingFunction**

diagram	 TiltingFunction Indicates if a rolling stock is fitted with a tilting system
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:boolean
properties	content simple
used by	element PlannedTrainTechnicalData
annotation	documentation Indicates if a rolling stock is fitted with a tilting system
source	<pre><xs:element name="TiltingFunction" type="xs:boolean"> <xs:annotation> <xs:documentation>Indicates if a rolling stock is fitted with a tilting system</xs:documentation> </xs:annotation> </xs:element></pre>

element **TimetableYear**

diagram	 TimetableYear Refers to the timetable period in which the business will be carried out
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
used by	complexTypes CompositIdentifierOperationalType CompositIdentifierPlannedType
facets	Kind Value Annotation minInclusive 2012 maxInclusive 2097
annotation	documentation Refers to the timetable period in which the business will be carried out
source	<pre><xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <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 Arrival LLA = Latest Location Arrival PLD = Public Location Departure ELD = Earliest Location Departure ALD = Actual Location Departure LLD = Latest Location Departure</p>																																																							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																							
properties	content complex																																																							
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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 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 </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded"> </xs:sequence> </xs:complexType> </xs:element> </pre>																																																							

	<pre> <xs:complexType> <xs:sequence> <xs:element name="Time"> <xs:annotation> <xs:documentation>hh:mm:ss</xs:documentation> </xs:annotation> </xs:element> <xs:element base="xs:time"/> <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:sequence> <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/3.2						
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 documentation
source						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

element TimingAtLocation/Timing/Time

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<p>TotalLoadWeight</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>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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	<p>TotalWeight</p> <p>Total weight of the loaded wagon [kg].</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	WeightValueKilo
properties	content simple

used by	elements Wagons/WagonDetails WagonInformation
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight of the loaded wagon [kg].
source	<pre><xs:element name="TotalWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight of the loaded wagon [kg].</xs:documentation> </xs:annotation> </xs:element></pre>

element **TractionDetails**

diagram	<p>The diagram illustrates the structure of the TractionDetails element. It is a composite type defined by the TractionDetails element. It contains five components: LocoTypeNumber, TypeOfUsedHybridPowerunit, TractionMode, TractionWeight, and Length. LocoTypeNumber is described as a composite identifier for loco types and locomotives. TypeOfUsedHybridPowerunit indicates the type of power unit for a hybrid locomotive. TractionMode identifies the mode of deployment of a traction unit within a train. TractionWeight is used to check if it is for sum or individual - check TAP. Length is the length in millimetres used for TAP.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	LocoTypeNumber TypeOfUsedHybridPowerunit TractionMode TractionWeight Length
used by	element PlannedTrainTechnicalData
annotation	documentation Defines the design series, mode of deployment and technical specifications associated with the traction of a train.
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"/></pre>

	<pre> <xs:annotation> <xs:documentation>Indication of type of power unit of a hybrid loco which is used; it has be 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" minOccurs="0"> <xs:annotation> <xs:documentation>Check with group to see if it is for sum or individual - check TAP</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="Length" minOccurs="0"> <xs:annotation> <xs:documentation>Length in milimetres - Used for TAP</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TractionPositionInTrain**

diagram	 <p>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
properties	content simple									
used by	element TrainCompositionJourneySection/Locoldent									
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:restriction> </xs:simpleType> </xs:element> </pre>									

	<pre> <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>	<code>value="99"/></code>
--	---	------------------------------

element TractionWeight

diagram	TractionWeight The weight of the traction unit									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	TrafficType information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits)									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
used by	element PlannedTrainData									
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	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:element> </pre>									

	<pre><xs:restriction <xs:minLength <xsmaxLength </xs:restriction> </xs:simpleType> </xs:element></pre>	<pre>base="xs:string"> value="1"/> value="2"/></pre>
--	---	---

element **TrainActivity**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	TrainActivityType
properties	content complex
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber AssociatedAttachedTimingAtLocation 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 required for a train. If national codes are used, the code position will be the ISO country code, followed by 00-99.</p> <p>0001 Commercial stop RU/IM: stop to pick passenger train, load/unload Freight train</p> <p>0002 Operational stop IM: Stops needed by the IM (e.g. oversailing by association)</p> <p>0003 Service stop RU/IM: stops which are used for non-operational activities (e.g. boarding of staff)</p> <p>0004 System stop RU/IM: allowing the RU to change system (e.g. signalling system, safety system)</p> <p>0005 Reversing stop RU/IM: stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train as the original driver)</p> <p>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)</p> <p>0008 Technical check/inspection coaches/wagons: RU/IM e.g. at origin or intermediate station</p> <p>brake test, checking load</p> <p>0009 Change of gauge RU/IM: continuation on a network with a different gauge, e.g. change of bogies or adaptation of the axles (Y=>E, SVC=>Y)</p> <p>0010 Change of engine/unit RU: Unit not previously in service</p> <p>0011 Detach engine/unit RU: Unit no longer in service</p> <p>0012 Change engine RU</p> <p>0013 Attach coach/wagon RU</p> <p>0014 Detach coach/wagon RU</p> <p>0015 Attach and detach coach/wagon RU</p> <p>0016 Attach train Operational Train (in service)</p> <p>0017 Detach train Operational Train (in service)</p> <p>0018 Parking of vehicle RU: Stop to park the train/composition midway for several hours</p> <p>0019 Special services RU</p> <p>0020 Shunting RU actual activity of shunting</p> <p>0021 Shunting service RU: Shunting service offered by the IM or a third party</p> <p>0022 Shunting service (terminal in the meaning of final destination) RU Requested service at the end of a train run (offered by the IM or a third party)</p> <p>0023 Stop on range RU</p> <p>0024 Loading or break legal issue, e.g. to respect working law</p> <p>0025 Change of gauge different to loco driver change as for the change of gauge, a platform will be needed</p> <p>0026 Custom and passenger formalities RU</p> <p>0027 Other stop reason (internal) RU/IM</p> <p>0028 Boarding only RU</p> <p>0029 Disembarking only RU</p> <p>0030 Stop on request RU</p> <p>0031 Departure equals to arrival time RU If the arrival 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.</p> <p>0032 Departure after disembarkation RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked</p> <p>0033 No waiting for connection RU</p> <p>0034 Watering RU Indication that the track with water access will be needed.</p> <p>0035 Heating Indicates the IM that a track with heating equipment will be required</p> <p>0036 Cleaning disinfecting treatment on plants and live animals RU Washing, cleaning, milking, spraying, Closing ventilation flaps, Opening ventilation flaps</p> <p>0038 Treatment of perishable goods RU Cleaning, freezing, Re-icing, Heating, Checking the proper functioning of the machinery, Refilling equipment, Refuelling machinery, Sweeping, mopping, turning off</p> <p>0039 Administrative operation RU Weighing, Re-forwarding, Submission to physiostatary inspection</p> <p>0040 Run Through (Passing Time) IM</p> <p>0041 Photo run-by / Photo-stop</p> <p>0042 Waiting according to local rules</p> <p>0043 Train running with another train: RU Where trains have been associated to a common location on the schedule</p> <p>0044 Connecting service to other train RU Association where there is a need for a relationship between a train and its previous service. The same vehicle may be used for both services. Also called "train-set turnover"</p> <p>0045 Connecting service from other train RU Association where there is a need for a relationship between a train and its previous service. The same vehicle may be used for both services. Also called "train-set turnover"</p> <p>0046 Connecting service to other connecting service from other train</p> <p>0047 Connecting service from other train</p> <p>0048 Linkage of OTN belonging to the same transport if no TrainID is present</p> <p>codes: National / company Example: Used to 99 may be used by an IM for Network...</p>
120 Rue Marc Lévy 20392 FR-59307 Valenciennes Cedex Tel. +33 (0)327 09 09 00 era.europa.eu	449 / 690

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																										
type	restriction of xs:string																										
properties	content simple																										
used by	complexType TrainActivityType																										
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>maxLength</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Kind	Value	Annotation					minLength	4						maxLength	4					
Kind	Value	Annotation																									
minLength	4																										
maxLength	4																										
annotation	<p>documentation</p> <p>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.</p> <p>0001 Commercial stop RU Board/disembark passenger train, freight</p> <p>0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train)</p> <p>0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff)</p> <p>0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system)</p> <p>0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine)</p> <p>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)</p> <p>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)</p> <p>0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load</p> <p>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)</p> <p>0010 attach engine/unit RU Unit not previously in service</p> <p>0011 detach engine/unit RU Unit no longer in service</p> <p>0012 change engine RU</p> <p>0013 attach coach/wagon RU</p> <p>0014 detach coach/wagon RU</p> <p>0015 attach and detach coach/wagon RU</p> <p>0016 attach train Operational Train (in service)</p> <p>0017 split train Operational Train (in service)</p> <p>0018 Parking of vehicle RU e.g. need to park the train/composition midway for several hours</p> <p>0019 Mail/parcel services RU</p> <p>0020 shunting RU actual activity of shunting</p> <p>0021 shunting service RU Request for shunting service (if offered by the IM or a third party)</p> <p>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)</p> <p>0023 Loco driver change RU</p> <p>0024 Loco driver break RU legal issue, e.g. to respect working law</p> <p>0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed</p> <p>0026 Custom and passport facilities RU</p> <p>0027 Other stop reason (miscellaneous) RU/IM</p> <p>0028 Boarding only RU</p> <p>0029 Disembarking only RU</p> <p>0030 Stop on request RU</p> <p>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.</p> <p>0032 Departure after disembarking RU mainly used at the end of train run, train may continue as soon as all passengers have disembarked</p> <p>0033 No waiting for connection RU</p> <p>0034 Watering RU Indicates the IM that a track with water access will be needed.</p> <p>0035 Heating RU Indicates the IM that a track with heating equipment will be needed.</p> <p>0036 Cleaning / disinfecting RU</p> <p>0037 Treatment on plants and live animals RU Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps</p> <p>0038 Treatment of perishable goods RU Checking the temperature, Re-icing, Heating, Checking</p>																										

	<p>the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or 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 Connecting service to other train RU Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"</p> <p>0045 Connecting service from other train RU Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service.</p> <p>0046 Connecting service to other train</p> <p>0047 Connecting service from other train</p> <p>0048 Linkage of OTNs belonging to the same transport if no TrainID is present</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. 001 Commercial stop RU Board/disembark passenger train, load/unload freight train 002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system) 005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine) 006 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) 007 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) 008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load 009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change engineRU 0013 attach coach/wagon RU 0014 detach coach/wagon RU 0015 attach and detach coach/wagon RU 0016 attach train Operational Train (in service) 0017 split train Operational Train (in service) 0018 Parking of vehicle RU e.g. need to park the train/composition </xs:documentation> </xs:annotation> </xs:element> </pre>

	midway	for	several	hours
0019	Mail/parcel services	RU		
0020	shunting	RU actual	activity	of shunting
0021	shunting service	RU	Request for shunting service (if offered by the IM or a third party)	(if offered by the IM or a third party)
0022	Terminal service (terminal in the meaning of final destination)	RU	Request for services at the end of a train run (if offered by the IM or a third party)	
0023	Loco driver change	RU		
0024	Loco driver break	RU	legal issue, e.g. to respect working law	
0025	Crew change	RU	different to loco driver change as for the change of the crew	a platform will be needed
0026	Custom and passport facilities	RU		
0027	Other stop reason (miscellaneous)		RU/IM	
0028	Boarding only	RU		
0029	Disembarking only	RU		
0030	Stop on request	RU		
0031	Departure equals to arrival time	RU	If in some stations only arrival times are published, this activity code may be used to indicate that the train cannot continue before the published arrival time in case of an early arrival.	
0032	Departure after disembarking	RU	mainly used at the end of train run, train may continue as soon as all passengers have disembarked	
0033	No waiting for connection	RU		
0034	Watering	RU	Indicates the IM that a track with water access will be needed.	
0035	Heating		Indicates the IM that a track with heating equipment will be needed.	
0036	Cleaning / disinfecting	RU		
0037	Treatment on plants and live animals	RU	Watering, Foddering, Milking, Spraying, Closing ventilation flaps, Opening ventilation flaps	
0038	Treatment of perishable goods	RU	Checking the temperature, Re-icing, Heating, Checking the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off	
0039	Administrative operations	RU	Weighing, Re-forwarding, Submission to phytosanitary inspections	
0040	Run Through (Passing Time)	IM		
0041	Photo run-by / Photo-stop			
0042	Train Waiting	Waiting	according to local rules	
0043	Train running with another train	RU	Where trains have been attached at a previous location on the schedule	
0044	Connecting service to other train	RU	Association where there is a need to define a relationship between a train and its next service. The same vehicle is used for the next train service. Also called "train-set turnover"	
0045	Connecting service from other train	RU	Association where there is a need to define a relationship between a train and its previous service. The same vehicle is reused from the previous train service.	
0046	Connecting service	to other train.		
0047	Connecting service	from other train		
0048	Linkage of OTNs belonging to the same transport if no TrainID is present			
	National / company codes:			
	Examples: Numbers 00 to 99 may be used by an IM for Network national purposes, just adding ISO country code			
CZ01	Stops from new stop opening day			

	UK55 Stop shorter than 1/2 min IT72 Train report stop cancelled <pre></xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </xs:element></pre>	base="xs:string"> value="4"/> value="4"/>
--	---	---

element **TrainAtLocation**

diagram	<p>TrainAtLocation</p> <p>Specifies information about a train at a specific location</p> <p>TrainLocationStatus Identifies the status of a train related to the actual time at a reporting point</p> <p>OperationalTrainNumberIdentifier</p> <p>ReferenceOTN</p> <p>TrainOperationalIdentification</p> <p>BookedLocationDateTime Scheduled Date and Time of a train at a specified location as defined in the path contract</p> <p>ReferencedLocationDateTime Reference to original planned Date and Time agreed by all involved IMs and RUs.</p> <p>LocationDateTime Identifies the actual or forecasted Date / Time at a specific reporting point</p> <p>TrainDelay 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/3.2
properties	content complex
children	TrainLocationStatus OperationalTrainNumberIdentifier ReferenceOTN TrainOperationalIdentification BookedLocationDateTime ReferencedLocationDateTime LocationDateTime TrainDelay
used by	element TrainForecastAtReportingLocationMessage
annotation	documentation Specifies information about a train at a specific location
source	<pre><xs:element name="TrainAtLocation"> <xs:annotation> <xs:documentation>Specifies information about a train at a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainLocationStatus"/> <xs:element ref="OperationalTrainNumberIdentifier"/></pre>

	<pre> <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>TrainCC_System</p> <p>Identifies the command control system of the train in coded values.</p>																																																																																							
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																																																							
type	TrainCC_SystemCode																																																																																							
properties	content simple																																																																																							
used by	elements PlannedTrainTechnicalData TrainRunningTechData																																																																																							
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	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 s...>> } class TrainRunningData { <<Train relevant data for a running train>> } class LocIdent { <<Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train>> 0..∞ } 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 inclu...>> } class WagonData { <<Wagon relevant data for the wagons within a running tr...>> 0..∞ } TrainCompositionJourneySection "2" -- "1" JourneySection TrainCompositionJourneySection "2" -- "1" TrainRunningData TrainCompositionJourneySection "*" -- "1" LocIdent TrainCompositionJourneySection "*" -- "1" LivestockOrPeopleIndicator TrainCompositionJourneySection "*" -- "1" WagonData </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	JourneySection TrainRunningData LocIdent LivestockOrPeopleIndicator WagonData
used by	element TrainCompositionMessage
annotation	documentation Defines the make up of a train for each section of its journey
source	<pre> <xss:element name="TrainCompositionJourneySection"> <xss:annotation> <xss:documentation>Defines the make up of a train for each section of its journey</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="JourneySection"/> <xss:element ref="TrainRunningData"/> <xss:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xss:annotation> <xss:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="TractionType"/> <xss:element ref="LocoTypeNumber" minOccurs="0"/> <xss:element ref="LocoNumber" minOccurs="0"/> <xss:element ref="TractionMode" minOccurs="0"/> <xss:element name="DriverIndication" minOccurs="0"> <xss:annotation> <xss:documentation>0 - no driver present in Loco, 1 - driver(s) are present in Loco</xss:documentation> </xss:annotation> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </xss:sequence> </xss:complexType> </xss:element> </pre>

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

element **TrainCompositionJourneySection/Locoldent**

diagram	<pre> <Diagram> <LocoIdent> <--> LocoNumber </LocoIdent> TractionType LocoTypeNumber LocoNumber TractionMode DriverIndication TractionPositionInTrain </Diagram> </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	<p>minOcc 0 maxOcc unbounded content complex</p>
children	TractionType LocoTypeNumber LocoNumber TractionMode DriverIndication TractionPositionInTrain
annotation	<p>documentation</p> <p>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</p>
source	<pre> <xss:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded"> <xss:annotation> <xss:documentation>Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train</xss:documentation> </xss:annotation> <xss:complexType> </pre>

	<pre> <xs:sequence> <xs:element <xs:element <xs:element ref="LocoTypeNumber"/> <xs:element ref="LocoNumber"/> <xs:element ref="TractionMode"/> <xs:element name="DriverIndication"/> <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> <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/Locoldent/DriverIndication**

diagram										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
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>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 - 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> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

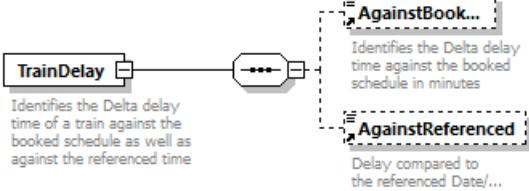
element **TrainCompositionMessage**

diagram	<pre> classDiagram class MessageHeader { Used for all messa... } class MessageStatus { Assigned by the Sender 1=creation, 2=modification, 3=deletion } class TransportOperationalIdentifiers { 0..∞ } class OperationalTrainNumberIdentifier class ReferenceOTN class TransferPoint class TransfereeIM class TrainCompositionJourneySection { 1..99 Defines the make up of a train for each section of its journey } TrainCompositionMessage < --> OperationalTrainNumberIdentifier TrainCompositionMessage < --> ReferenceOTN TrainCompositionMessage < --> TransferPoint TrainCompositionMessage < --> TransfereeIM TrainCompositionMessage < --> TrainCompositionJourneySection </pre> <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/3.2
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN TransferPoint TransfereeIM TrainCompositionJourneySection
annotation	documentation This message is sent from an RU to an IM defining the composition of the proposed train.
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> <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										
	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.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	CommunicationRefID									
properties	content simple									
used by	element TrainReadyMessage									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>70</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	70	
Kind	Value	Annotation								
minLength	1									
maxLength	70									
annotation	<p>documentation</p> <p>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</p>									
source	<pre><xs:element name="TrainContactDetails" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Contact to driver of leading traction unit. This contact can be mobile phone number, GSM-R call number or e.g. details for an analogue radio call.</xs:documentation> </xs:annotation> </xs:element></pre>									

element **TrainDelay**

diagram	
	<p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p> <p>AgainstBooked... Identifies the Delta delay time against the booked schedule in minutes</p> <p>AgainstReferenced... Delay compared to the referenced Date/...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	AgainstBooked AgainstReferenced
used by	elements TrainAtLocation TrainLocationReport TrainReadyMessage/TrainReadyStatus TrainReadyStatus
annotation	<p>documentation</p> <p>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time</p>
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:sequence> <xs:annotation> <xs:documentation>Delay compared to the referenced Date/...</xs:documentation> </xs:annotation> </xs:complexType> </xs:element></pre>

	<pre>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 class DelayEventReport class TransferPoint class TransfereeIM 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/3.2
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU DelayEventReport TransferPoint TransfereeIM
annotation	<p>documentation</p> <p>This message is issued to make known the cause for additional delay during the Train's Journey (Changed name of the message from Reason to Cause) Description changed</p>
source	<pre> <xs:element name="TrainDelayCauseMessage"> <xs:annotation> <xs: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</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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TransferPoint" /> <xs:element ref="TransfereeIM" /> </pre>
	<pre> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainForecastAtReportingLocationMessage**

diagram	<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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader MessageStatus Location TrainAtLocation
annotation	<p>documentation</p> <p>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location.</p>
source	<pre> <xs:element name="TrainForecastAtReportingLocationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about train forecasts at a particular reporting location. It gives a report of the forecasted time for all trains of the enquirer at a specified location.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="Location"/> <xs:element ref="TrainAtLocation"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element TrainID

diagram	<pre> classDiagram class TrainID class CompositIdentifierOperationalType { class ObjectType class Company class Core class Variant class TimetableYear class StartDate } TrainID --> CompositIdentifierOperationalType CompositIdentifierOperationalType --> ObjectType CompositIdentifierOperationalType --> Company CompositIdentifierOperationalType --> Core CompositIdentifierOperationalType --> Variant CompositIdentifierOperationalType --> TimetableYear CompositIdentifierOperationalType --> StartDate </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CompositIdentifierOperationalType
properties	content complex
children	ObjectType Company Core Variant TimetableYear StartDate
used by	elements ArrivalInterchangeReport DepartureInterchangeReport
source	<code><xsd:element name="TrainID" type="CompositIdentifierOperationalType"/></code>

element **TrainInformation**

diagram	<pre> classDiagram class TrainInformation { Train information provided by the RUs as an overview for the entire train journey from origin to destination } class PlannedJourneyLocation { Any operation point along a train journey } class PlannedCalendar { This is the master calendar for Path Request. Contains BitmapDays as well as DayOfStart element, one of them has to be always present. Applications have to provide the data accordingly. } class PathPlanningReferenceLocation { It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this. } TrainInformation "2..infinity" --> "1..infinity" PlannedJourneyLocation TrainInformation "1..infinity" --> "1..infinity" PlannedCalendar TrainInformation "1..infinity" --> "1..infinity" PathPlanningReferenceLocation </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:element name="TrainInformation"> <xs:annotation> <xs:documentation>Train information provided by the RUs as an overview for the entire train journey from origin to destination</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="PlannedJourneyLocation" minOccurs="2" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Any operation point along a train journey</xs:documentation> </xs:annotation> </xs:element> <xs:element ref="PlannedCalendar"> <xs:annotation> <xs: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.</xs:documentation> </xs:annotation> </xs:element> <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:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

	<pre> <xs:extension </xs:complexContent> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>	base="LocationIdent"/>
--	---	----------------------------------

element TrainInformation/PathPlanningReferenceLocation

diagram	<pre> classDiagram class PathPlanningReferenceLocati... { <<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 { <<Identifies a County or State by code (ISO 3166-2) and its name in the official language of the country using the ISO 3166-1 alpha-3 code>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-2)>> } class LocationPrimaryCode { <<Location Name in an officiation language of the Country using the ISO Unicode alph...>> } class PrimaryLocationName { <<Location Name in an officiation language of the Country using the ISO Unicode alph...>> } class LocationSubsidiaryIdentification { <<Code, Name and allocation company of Subsidiary Location>> } PathPlanningReferenceLocati... < -- LocationIdent PathPlanningReferenceLocati... "1" -- "0..1" CountryCodeISO PathPlanningReferenceLocati... "1" -- "0..1" LocationPrimaryCode PathPlanningReferenceLocati... "1" -- "0..1" PrimaryLocationName PathPlanningReferenceLocati... "1" -- "0..1" LocationSubsidiaryIdentification </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:extension> </xs:complexType> </xs:element> </pre>

element **TrainJourneyModification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	TrainJourneyModificationIndicator LocationModified...
used by	element TrainJourneyModificationMessage
annotation	documentation This element shows which locations are changed during the running of a train
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										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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	documentation This indicates what has changed in the train running e.g. rerouting, cancellation etc..									
source	<pre> <xs:element name="TrainJourneyModificationIndicator"> <xs:annotation> <xs:documentation>This indicates what has changed in the train running e.g. rerouting, cancellation etc..</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

	<pre> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>
--	---

element TrainJourneyModificationMessage

diagram	<p>The diagram shows the structure of the TrainJourneyModificationMessage. It consists of a central class 'TrainJourneyModificationMessage' with various attributes and associations:</p> <ul style="list-style-type: none"> Associations: <ul style="list-style-type: none"> MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks TransferPoint InternalReferenceIdentifier TransfereeIM Attributes: <ul style="list-style-type: none"> TrainJourneyModificationMessage: This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed. 1..∞ TrainJourneyModification: This element shows which locations are changed during the running of a train. 1..∞ ModificationReason: Identifies the reason for the train journey being modified. 1..∞ TrainJourneyModificationTime: Indicates the time time when the modification was made to the train journey. 0..∞ Remarks: Free Form ... TransferPoint: Transfer point or station of destination in the considered network where the Reference Train Numbers r... InternalReferenceIdentifier: The link to the IM System Refer... TransfereeIM: Next ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN TrainJourneyModification ModificationReason TrainJourneyModificationTime Remarks TransferPoint InternalReferenceIdentifier TransfereeIM
annotation	<p>documentation</p> <p>This message is issued to show, in real time, that the train is rerouted-cancelled-stopping pattern is changed</p>
source	<pre> <xs:element name="TrainJourneyModificationMessage"> <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> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element <xs:element <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier" /> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/> <xs:element ref="ModificationReason" minOccurs="0"/> <xs:element ref="TrainJourneyModificationTime" minOccurs="0"/> <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="TransferPoint" minOccurs="0"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network where the Reference Train Numbers refers to </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainJourneyModificationTime**

diagram	 <p>Indicates the time time when the modification was made to the train journey</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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/3.2
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/3.2
type	<u>Numeric4-4</u>
properties	content simple
used by	elements <u>PlannedTrainTechnicalData</u> <u>TrainRunningTechData</u>
facets	Kind Value Annotation minInclusive 0001 maxInclusive 9999
annotation	documentation The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres
source	<pre><xs:element name="TrainLength" type="Numeric4-4"> <xs:annotation> <xs:documentation>The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres</xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainLocationReport**

diagram	<pre> classDiagram class TrainLocationReport { <<Specifies the relevant running data of a train related to a specific location>> } class Location { <<Identifies a Location using a LocationIdent>> } class LocationDateTime { <<Identifies the actual or forecasted Date / Time at a specific reporting point>> } class TrainLocationStatus { <<Identifies the status of a train related to the actual time at a reporting point>> } class BookedLocationDateTime { <<Scheduled Date and Time of a train at a specified location as defined in the path contract>> } class ReferencedLocationDateTime { <<Reference to original planned Date and Time agreed by all involved IMs and RUs.>> } class TrainDelay { <<Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time>> } class GeoLocalisationOnNetwork { <<Geolocalisation 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/schemas/TAFTSI/3.2
properties	content complex
children	Location LocationDateTime TrainLocationStatus BookedLocationDateTime ReferencedLocationDateTime TrainDelay GeoLocalisationOnNetwork
used by	elements TrainRunningForecastMessage TrainRunningInformationMessage
annotation	documentation Specifies the relevant running data of a train related to a specific location
source	<pre> <xsd:element name="TrainLocationReport"> <xsd:annotation> <xsd:documentation>Specifies the relevant running data of a train related to a specific location</xsd:documentation> </xsd:annotation> <xsd:complexType> <xsd:sequence> <xsd:element ref="Location"/> <xsd:element ref="LocationDateTime"/> <xsd:element ref="TrainLocationStatus"/> <xsd:element ref="BookedLocationDateTime" minOccurs="0"> <xsd:annotation> <xsd:documentation>Scheduled Date and Time of a train at a specified location as defined in the path contract</xsd:documentation> </xsd:annotation> </xsd:element> <xsd:element ref="ReferencedLocationDateTime" minOccurs="0"/> <xsd:element ref="TrainDelay" minOccurs="0"/> <xsd:element ref="GeoLocalisationOnNetwork" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </xsd:element> </pre>

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

element **TrainLocationStatus**

diagram	TrainLocationStatus Identifies the status of a train related to the actual time at a reporting point																																																															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																															
type	RunningStatus																																																															
properties	content simple																																																															
used by	elements ChangeofTrackMessage DelayEventReport LocationModified TrainAtLocation TrainLocationReport																																																															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>enumeration</td><td>00</td><td></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>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> </tbody> </table>	Kind	Value	Annotation	enumeration	00		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	
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enumeration	19																																																															
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**

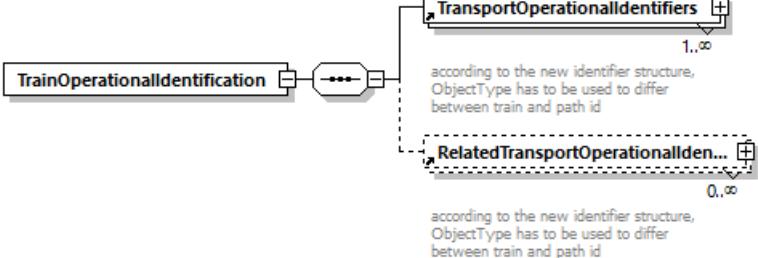
diagram	TrainMaxSpeed The max. possible speed of a train in km/h
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

type	Speed
properties	content simple
used by	elements PlannedTrainTechnicalData TrainRunningTechData
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation The max. possible speed of a train in km/h
source	<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	<p>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
used by	element TrainRunningInterruptionMessage
facets	Kind Value Annotation minInclusive 1 maxInclusive 1
annotation	documentation It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet
source	<pre><xs:element name="TrainNotAtInterruptionPoint"> <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> <xs:minInclusive base="xs:integer"> value="1"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **TrainOperationalIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	TransportOperationalIdentifiers RelatedTransportOperationalIdentifiers
used by	elements ChangeofTrackMessage 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**

diagram	<pre> classDiagram class TrainReadyMessage { <<This message is sent from an RU to an IM indicating that the train is ready for access to the network.>> } class MessageHeader class MessageStatus class TransportOperationalIdentifiers class OperationalTrainNumberIdentifier class ReferenceOTN class ResponsibleRU class TrainContactDetails class TrainLocation class TrainReadyStatus class TransferPoint class TransfereeIM class TrainStartTime class TrainReadyTime TrainReadyMessage < -- MessageHeader TrainReadyMessage < -- MessageStatus TrainReadyMessage < -- TransportOperationalIdentifiers TrainReadyMessage < -- OperationalTrainNumberIdentifier TrainReadyMessage < -- ReferenceOTN TrainReadyMessage < -- ResponsibleRU TrainReadyMessage < -- TrainContactDetails TrainReadyMessage < -- TrainLocation TrainReadyMessage < -- TrainReadyStatus TrainReadyMessage < -- TransferPoint TrainReadyMessage < -- TransfereeIM TrainReadyMessage < -- TrainStartTime TrainReadyMessage < -- TrainReadyTime </pre> <p>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader MessageStatus TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime
annotation	<p>documentation</p> <p>This message is sent from an RU to an IM indicating that the train is ready for access to the network.</p>
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> </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="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> <xs:enumeration base="xs:integer" 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"> <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> </pre>
--	--

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

element **TrainReadyMessage/TrainLocation**

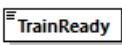
diagram	<pre> classDiagram class TrainLocation { <<Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code>> } class LocationIdent { CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification } TrainLocation "1" --> "1" LocationIdent </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	LocationIdent
properties	minOcc 0 maxOcc 1 content complex
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
annotation	documentation Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code
source	<pre> <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code</xs:documentation> </xs:annotation> </xs:element> </pre>

element **TrainReadyMessage/TrainReadyStatus**

diagram	<pre> classDiagram class TrainReadyStatus { TrainReady TrainDelay TrainNotReadyDescription DelayCause } TrainReady "1" --> "1" TrainDelay TrainReady "1" --> "1" TrainNotReadyDescription TrainReady "1" --> "1" DelayCause </pre>
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
properties	minOcc 0 maxOcc 1 content complex		
children	TrainReady TrainDelay TrainNotReadyDescription DelayCause		
source	<pre> <xs:element name="TrainReadyStatus" minOccurs="0"> <xss:complexType> <xss:sequence> <xss:element name="TrainReady"> <xss:annotation> <xss:documentation>0=Not Ready 1=Ready</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:integer"> <xss:enumeration value="0"/> <xss:enumeration value="1"/> </xss:restriction> </xss:simpleType> </xss:element> <xss:element ref="TrainDelay" minOccurs="0"/> <xss:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xss:annotation> <xss:documentation>Description of the reason why the train is not ready.</xss:documentation> </xss:annotation> </xss:element> <xss:element ref="DelayCause" minOccurs="0"/> </xss:sequence> </xss:complexType> </xs:element> </pre>		

element **TrainReadyMessage/TrainReadyStatus/TrainReady**

diagram	 0=Not Ready 1=Re...									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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"> <xss:annotation> <xss:documentation>0=Not Ready 1=Ready</xss:documentation> </xss:annotation> <xss:simpleType> <xss:restriction base="xs:integer"> <xss:enumeration value="0"/> <xss:enumeration value="1"/> </xss:restriction> </xss:simpleType> </xs:element> </pre>									

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

element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

diagram	TrainNotReadyDescription <p>Description of the reason why the train is not ready.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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									
annotation	<p>documentation</p> <p>Description of the reason why the train is not ready.</p>									
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	TrainReadyTime <p>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the tra...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	minOcc 0 maxOcc 1 content simple
annotation	<p>documentation</p> <p>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.</p>
source	<pre><xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0"> <xs:annotation> <xs:documentation>It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay. </xs:documentation> </xs:annotation> </xs:element></pre>

element **TrainReadyStatus**

diagram	<p>The diagram illustrates the structure of the TrainReadyStatus element. It is a composite element containing three parts: TrainReady, TrainDelay, and DelayCause. TrainReady is described as having values 0=Not Ready and 1=Ready. TrainDelay is described as identifying the Delta delay time of a train against the booked schedule as well as against the referenced time. DelayCause is described as identifying the reason for a delay (modified DelayReason).</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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: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>The diagram shows the TrainReady element as a simple type with two enumeration values: 0 and 1.</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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:element></pre>									

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

element **TrainRunningData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	TrainRunningTechData ExceptionalGaugingInd DangerousGoodsIndicator Activities
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:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningData/Activities**

diagram	<p>TrainActivity 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 Identifies a Location by code (ISO 3166-1 alpha-2)</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 Identifies a County or State by code (ISO 3166-1 alpha-2)</p> <p>CountryCodeISO Identifies a County or State by code (ISO 3166...</p> <p>LocationPrimaryCode</p> <p>PrimaryLocationName Location Name in an official language of the Country using the ISO Unicode alph...</p> <p>LocationSubsidiaryIdentification Code, Name and allocation company of Subsidiary Location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 class TransferPoint class TransfereeIM TrainRunningForecastMessage "1..0" -- "1..0" MessageHeader TrainRunningForecastMessage "1..0" -- "1..0" MessageStatus TrainRunningForecastMessage "1..0" -- "1..0" TrainOperationalIdentification TrainRunningForecastMessage "1..0" -- "1..0" OperationalTrainNumberIdentifier TrainRunningForecastMessage "1..0" -- "1..0" ReferenceOTN TrainRunningForecastMessage "1..0" -- "1..0" ResponsibleRU TrainRunningForecastMessage "1..0" -- "1..0" TrainLocationReport TrainRunningForecastMessage "1..0" -- "1..0" TransferPoint TrainRunningForecastMessage "1..0" -- "1..0" 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/3.2
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainLocationReport TransferPoint TransfereeIM
annotation	<p>documentation</p> <p>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</p>
source	<pre> <xss:element name="TrainRunningForecastMessage"> <xss:annotation> <xss:documentation>This message is issued from the IM to the neighbouring IM upon departure from or movement past agreed points or prior to reaching the first reporting point if, owing to a delay, the train has not reached the bilaterally agreed initial running time. This message is also issued from the IM to the RU when, at the next stopping or handling station, out-of-schedule running is anticipated that exceeds the threshold agreed with the RU responsible for the train. This message is also issued in any cases for handover points, interchange points, for the destination point and for each other reporting point predefined by contract</xss:documentation> </xss:annotation> <xss:complexType> <xss:sequence> <xss:element ref="MessageHeader"/> <xss:element ref="MessageStatus"/> <xss:element ref="TrainOperationalIdentification" minOccurs="0"/> <xss:element ref="OperationalTrainNumberIdentifier"/> </xss:sequence> </xss:complexType> </xss:element> </pre>

	<pre> <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	<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>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader 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> </pre>

	<pre> <xs:complexType> <xs:sequence> <xs:element <xs:element <xs:annotation> <xs:documentation>Assigned by the Sender 1=Creation, 2=Modification, 3=deletion </xs:documentation> </xs:annotation> </xs:element> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier" /> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="TrainLocationReport" /> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	---

element **TrainRunningInterruptionMessage**

diagram	<p>This diagram illustrates the structure of the TrainRunningInterruptionMessage. It is a complex type derived from MessageHeader. The message itself is used to inform about trains that have been interrupted. It contains several components: TrainOperationalIdentification, TransferPoint, TransfereeIM, ResponsibleRU, ReferenceOTN, OperationalTrainNumberIdentifier, and InterruptionPoint. The InterruptionPoint component describes the interruption points with location and reason.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader MessageStatus TrainOperationalIdentification OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU InterruptionPoint TrainNotAtInterruptionPoint TransferPoint TransfereeIM

annotation	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.
source	<pre> <xs:element name="TrainRunningInterruptionMessage"> <xs:annotation> <xs:documentation>This message is used to inform about the trains which has been already interrupted. Message is sent only for those trains, directly interrupted by the disruption. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="MessageStatus"/> <xs:element ref="TrainOperationalIdentification" minOccurs="0"/> <xs:element ref="OperationalTrainNumberIdentifier"/> <xs:element ref="ReferenceOTN" minOccurs="0"/> <xs:element ref="ResponsibleRU" minOccurs="0"/> <xs:element ref="InterruptionPoint"/> <xs:element ref="TrainNotAtInterruptionPoint" minOccurs="0"/> <xs:element ref="TransferPoint" minOccurs="0"/> <xs:element ref="TransfereeIM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **TrainRunningTechData**

diagram	<pre> graph TD TrainRunningTechData[TrainRunningTechData] --> TrainType[TrainType] TrainRunningTechData --> TrainWeight[TrainWeight] TrainRunningTechData --> TrainLength[TrainLength] TrainRunningTechData --> TrainCC_System[TrainCC System] TrainRunningTechData --> TrainRadioSystem[TrainRadioSystem] TrainRunningTechData --> TrainMaxSpeed[TrainMaxSpeed] TrainRunningTechData --> MaxAxeWeight[MaxAxeWeight] TrainRunningTechData --> BrakeType[BrakeType] TrainRunningTechData --> BrakeWeight[BrakeWeight] TrainRunningTechData --> NumberofVehicles[NumberofVehicles] TrainRunningTechData --> NumberofAxles[NumberofAxles] </pre> <p>Shows the relevant technical data for a running train</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	TrainType TrainWeight TrainLength TrainCC System TrainRadioSystem TrainMaxSpeed MaxAxeWeight BrakeType BrakeWeight NumberOfVehicles NumberOfAxles
used by	element TrainRunningData
annotation	documentation Shows the relevant technical data for a running train
source	<pre> <xss:element <xss:annotation> <xss:documentation>Shows the relevant technical data for a running train</xss:documentation> </xss:annotation> </xss:element> name="TrainRunningTechData"> </pre>

	<pre> </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="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/3.2
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**

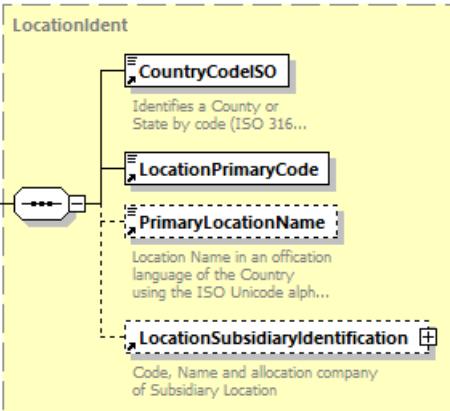
diagram	<p>TrainWeight</p> <p>The sum of all weights of wagons and traction...</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of WeightValueTonne									
properties	content simple									
used by	elements PlannedTrainTechnicalData TrainRunningTechData									
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>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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><xs:element name="TransferPoint" type="LocationIdent"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered </xs:annotation> </xs:element></pre>

element **TransportInstruction**

diagram	 <p>Special instructions regarding the transportation of the wagon or shipment in free text</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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 { <<extensi...>> <<ObjectType>> <<Company>> <<Core>> <<Variant>> <<TimetableYear>> <<StartDate>> } TransportOperationalIdentifiers --> CompositIdentifierOperationalType TransportOperationalIdentifiers --> ObjectType TransportOperationalIdentifiers --> Company TransportOperationalIdentifiers --> Core TransportOperationalIdentifiers --> Variant TransportOperationalIdentifiers --> TimetableYear TransportOperationalIdentifiers --> StartDate </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"> </xs:extension> </xs:complexContent> </xs:complexType> </xs:element> </pre>

element **TypeOfIMHarmonization**

diagram	<pre> classDiagram class TypeOfIMHarmonization { <<Enumeration of Type of IM harmonization: Full, ...>> } class TypeOfIMHarmonizationCode TypeOfIMHarmonization --> TypeOfIMHarmonizationCode </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	TypeOfIMHarmonizationCode
properties	content simple
used by	elements PathDetailsMessage PathRequestMessage

facets	Kind enumeration enumeration	Value Full Part	Annotation
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...</p>																																																																																												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																																																												
type	TypeOfInformationCode																																																																																												
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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>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>harmonisation - in process</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>harmonisation - accepted</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>harmonisation - rejected</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Request ready</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>path study request</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>pre-arranged path/reserve capacity</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>create offer</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>coordination update</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>draft offer</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>draft alternative offer</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>observation - in process</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>observation - complete</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>preparation of final offer - in process</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>documentation</td> </tr> </table>			Kind	Value	Annotation	minInclusive	0		maxInclusive	99		enumeration	1	documentation			harmonisation - in process	enumeration	2	documentation			harmonisation - accepted	enumeration	3	documentation			harmonisation - rejected	enumeration	4	documentation			Request ready	enumeration	5	documentation			path study request	enumeration	6	documentation			pre-arranged path/reserve capacity	enumeration	7	documentation			create offer	enumeration	8	documentation			coordination update	enumeration	9	documentation			draft offer	enumeration	10	documentation			draft alternative offer	enumeration	11	documentation			observation - in process	enumeration	12	documentation			observation - complete	enumeration	13	documentation			preparation of final offer - in process	enumeration	14	documentation
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		observation - complete																																																																																											
enumeration	13	documentation																																																																																											
		preparation of final offer - in process																																																																																											
enumeration	14	documentation																																																																																											

	enumeration 15	preparation of final offer - accepted documentation
	enumeration 16	preparation of final offer - rejected documentation
	enumeration 17	final offer documentation
	enumeration 18	final offer - accepted documentation
	enumeration 19	alternative offer accepted documentation
	enumeration 20	pre-accepted offer documentation
	enumeration 21	Final Offer rejected documentation
	enumeration 22	no alternative available documentation
	enumeration 23	booked documentation
	enumeration 24	preparation of draft alternative offer is in progress documentation
	enumeration 25	alternative offer triggered by IM documentation
	enumeration 26	offer/final offer rejected (without revision) documentation
	enumeration 27	offer/final offer rejected (revision required) documentation
	enumeration 28	alternative offer rejected (without revision) documentation
	enumeration 29	alternative offer rejected (revision required) documentation
	enumeration 30	withdrawal documentation
	enumeration 31	Create Dossier documentation
	enumeration 32	Close Dossier documentation
	enumeration 33	Path canceled full documentation
	enumeration 34	Path canceled partial documentation
	enumeration 40	Fully Assembled Path (FAP, constructed path) documentation
	enumeration 42	Preparation of draft offer – accepted documentation
	enumeration 43	Preparation of draft offer – rejected documentation
	enumeration 44	Draft offer rejected documentation
	enumeration 45	Draft no alternative available documentation
	enumeration 50	activate path (utilisation notification) documentation
	enumeration 51	deactivate path (utilisation notification) documentation
	enumeration 52	confirmation of utilisation notification documentation
	enumeration 53	Path and train cancelled documentation
	enumeration 65	Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) documentation
	enumeration 66	Booked after route update (used in PathDetailsMessage) documentation
annotation	documentation	Enumeration indicating to which process step / process type in the planning does the message belong: 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 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (...)</p>															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2															
type	TypeOfRequestCode															
properties	content simple															
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage															
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		enumeration	1		enumeration	2		enumeration	3	
Kind	Value	Annotation														
minInclusive	1															
enumeration	1															
enumeration	2															
enumeration	3															
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)															
source	<pre><xs:element name="TypeOfRequest" type="TypeOfRequestCode"> <xs:annotation> <xs:documentation> Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</xs:documentation> </xs:annotation> </xs:element></pre>															

element TypeOfRUHarmonization

diagram	 <p>Type of RU harmonization: Full, Part, None.</p>						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	TypeOfRUHarmonizationCode						
properties	content simple						
used by	elements PathDetailsMessage PathRequestMessage						
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>Full</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Full	
Kind	Value	Annotation					
enumeration	Full						

	enumeration Part enumeration None
annotation	documentation Type of RU harmonization: Full, Part, None.
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>Information about the services available on a train. Used for publication towards the passenger</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	SpecialServiceDescriptionCode FacilityTypeDescriptionCode CharacteristicDescriptionCode
used by	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" /> <xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" /> <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" /> </xs:sequence> </xs:complexType> </xs:element></pre>

element TypeofService/SpecialServiceDescriptionCode

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

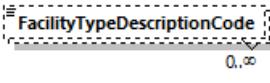
type	type7161CodeList																																				
properties	minOcc 0 maxOcc unbounded content simple																																				
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration</td> <td>00</td> <td> documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation </td> </tr> <tr> <td>enumeration</td> <td>3</td> <td> documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation </td> </tr> <tr> <td>enumeration</td> <td>4</td> <td> documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation </td> </tr> <tr> <td>enumeration</td> <td>5</td> <td> documentation Breakfast documentation Breakfast documentation </td> </tr> <tr> <td>enumeration</td> <td>6</td> <td> documentation Dinner documentation Dinner documentation </td> </tr> <tr> <td>enumeration</td> <td>7</td> <td> documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation </td> </tr> <tr> <td>enumeration</td> <td>8</td> <td> documentation Lunch documentation Lunch documentation </td> </tr> <tr> <td>enumeration</td> <td>9</td> <td> documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation </td> </tr> <tr> <td>enumeration</td> <td>11</td> <td> documentation Child documentation Services for children documentation </td> </tr> <tr> <td>enumeration</td> <td>21</td> <td> documentation Cold buffet documentation </td> </tr> </table>	Kind	Value	Annotation	maxLength	3		enumeration	00	documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation	enumeration	3	documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation	enumeration	4	documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation	enumeration	5	documentation Breakfast documentation Breakfast documentation	enumeration	6	documentation Dinner documentation Dinner documentation	enumeration	7	documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation	enumeration	8	documentation Lunch documentation Lunch documentation	enumeration	9	documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation	enumeration	11	documentation Child documentation Services for children documentation	enumeration	21	documentation Cold buffet documentation
Kind	Value	Annotation																																			
maxLength	3																																				
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enumeration	9	documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation																																			
enumeration	11	documentation Child documentation Services for children documentation																																			
enumeration	21	documentation Cold buffet documentation																																			

		Cold buffet service
		documentation
	enumeration 22	0
		documentation
		Restaurant in 1st class only
		documentation
		Restaurant service in 1st class only
		documentation
	enumeration 23	0
		documentation
		Hot buffet
		documentation
		Hot buffet service
		documentation
	enumeration 24	0
		documentation
		Meal included for 1st class passengers
		documentation
		Meal service included for 1st class passengers
		documentation
	enumeration 25	0
		documentation
		Trolley
		documentation
		Trolley service (beverage and food cart)
		documentation
	enumeration 26	0
		documentation
		Snack
		documentation
		Snack
		documentation
	enumeration 27	0
		documentation
		Disabled
		documentation
		Services for disabled persons
		documentation
	enumeration 28	0
		documentation
		Movies
		documentation
		Movies
		documentation
	enumeration 29	0
		documentation
		Business
		documentation
		Services for business people
		documentation
	enumeration 30	0
		documentation
		Nursery
		documentation
		Nursery service
		documentation
	enumeration 31	0
		documentation
		Buffet
		documentation
		Buffet
		documentation
	enumeration 32	0
		documentation

		Special services for military documentation
		Special services for army families documentation
		0 documentation
	enumeration 33	Boarding possible 2 hours before departure documentation
		Boarding is possible 2 hours before departure documentation
		0 documentation
	enumeration 34	Alighting possible until 2 hours after arrival documentation
		Alighting is possible up to 2 hours after arrival documentation
		0 documentation
	enumeration 35	Boarding possible 30 minutes before departure documentation
		Boarding is possible 30 minutes before departure documentation
		0 documentation
	enumeration 36	Alighting possible until 30 minutes after arrival documentation
		Alighting is possible up to 30 minutes after arrival documentation
		0 documentation
	enumeration 37	Postal services documentation
		Postal services available documentation
		0 documentation
	enumeration 38	Meal at the seat documentation
		Meal is provided at the seat documentation
		0 documentation
	enumeration 39	Self service documentation
		Self service meals documentation
		0 documentation
	enumeration 40	Overnight stay documentation
		Overnight stay possible on board documentation
		0 documentation
	enumeration 41	Luggage transport documentation
		Luggage transport offered documentation
		0 documentation
	enumeration 42	Luggage transport excluded documentation
		Luggage transport is not offered documentation

	<p>enumeration 43 0 documentation Music documentation Music documentation 0</p> <p>enumeration 44 documentation Check-in documentation Time at which the traveller checks in documentation 0</p> <p>enumeration 45 documentation Check-out documentation Time at which the traveller checks out documentation 0</p> <p>enumeration 46 documentation Free WiFi on board documentation Free WiFi service on board available documentation 0</p> <p>enumeration 47 documentation WiFi on board documentation WiFi service on board available documentation 0</p> <p>enumeration 48 documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0</p>
source	<code><xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/></code>

element **TypeofService/FacilityTypeDescriptionCode**

diagram													
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	type9039CodeList												
properties	minOcc 0 maxOcc unbounded content simple												
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>maxLength</td> <td>3</td> <td></td> </tr> <tr> <td>enumeration 2</td> <td>documentation First-class sleepers documentation First-class sleepers documentation 0</td> <td></td> </tr> <tr> <td>enumeration 3</td> <td>documentation</td> <td></td> </tr> </table>	Kind	Value	Annotation	maxLength	3		enumeration 2	documentation First-class sleepers documentation First-class sleepers documentation 0		enumeration 3	documentation	
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 documentation First-class seats documentation First-class seats documentation 0 documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0 documentation First-class couchettes documentation First-class couchettes documentation 0 documentation Second-class couchettes documentation Second-class couchettes documentation 0 documentation Sleeperette documentation Sleeperette or reclining seat documentation 0 documentation Restaurant documentation Restaurant facility documentation 0 documentation First-class sleeper, single documentation First-class sleeper, single documentation 0 documentation First-class sleeper, special documentation First-class sleeper, special documentation 0 documentation First-class sleeper, double documentation First-class sleeper, double documentation 0 documentation Vehicle transport documentation
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		Facilities for vehicle transport etc. Not bicycles. documentation Cars, boats, trailers, motorbikes, documentation 0 enumeration 15 documentation Second-class, sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation 0 enumeration 16 documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation 0 enumeration 17 documentation Second-class sleeper T4 documentation Second-class sleeper, T4 (four-bed compartment) documentation 0 enumeration 18 documentation First-class sleeper, single, shower documentation First-class sleeper, single with shower documentation 0 enumeration 19 documentation 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
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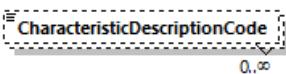
	enumeration 33	0 documentation Video coach documentation Video coach available documentation 0
	enumeration 34	documentation Mini-bar documentation Mini-bar available documentation 0
	enumeration 36	documentation Panorama coach documentation Panorama coach available documentation 0
	enumeration 44	documentation 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 enumeration 59 documentation Second class sleeper, T3, shower, WC documentation Second class sleeper, T3, shower, WC documentation 0 enumeration 60 documentation Second class sleeper double documentation Second class sleeper for two documentation 0 enumeration 61 documentation Second class sleeper double shower/toilets documentation Second class sleeper for two with shower and toilets documentation 0 enumeration 62 documentation Second-class, couchette, two-bed, C2 documentation Second class compartment with 2 couchettes documentation 0 enumeration 63 documentation Second-class, couchette, four-bed, C4 documentation Second class compartment with 4 couchettes documentation 0 enumeration 64 documentation Second-class, couchette, six-bed, C6 documentation
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		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 documentation 0 documentation Premium class documentation A second class with comfort level higher than normal second class documentation Trenitalia documentation 0 documentation Standard class documentation Trenitalia's normal second class documentation Trenitalia documentation 0 documentation Unified class documentation For services with no class differentiation. A service with only one class documentation UIC documentation 0 documentation Medical-grade masks documentation Medical-grade masks must be worn documentation 0 documentation Mask obligation according to legal regulation documentation Mask obligation according to legal regulation documentation 0 documentation Metro connection documentation
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		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 Tram connection documentation Tram connections available documentation Used only in TSDUPD documentation 0 enumeration 105 documentation 2nd Class couchette five beds C5 documentation 2nd Class couchette five beds C5 documentation DB Nachtzug documentation 0 enumeration 106 documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applied documentation Vaccinated, tested, recovered rule applies on trains, valid proof must be presented documentation 1 enumeration 107 documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet and place for wheelchair documentation Dedicated toilet together with dedicated space for wheelchair documentation 1
source		<pre><xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/></pre>

element **TypeofService/CharacteristicDescriptionCode**

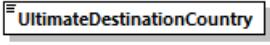
diagram	
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	type7037CodeList		
properties	minOcc 0 maxOcc unbounded content simple		
facets	Kind	Value	Annotation
	maxLength	17	
	enumeration	6	documentation First class documentation First class accommodation documentation 0
	enumeration	7	documentation Second class documentation Second class accommodation documentation 0
	enumeration	11	documentation Reservation possible documentation Reservation is possible documentation 0
	enumeration	12	documentation With supplement documentation A supplement is charged documentation 0
	enumeration	13	documentation Reservation compulsory documentation Reservation is compulsory documentation 0
	enumeration	14	documentation Reservation advised documentation Reservation is recommended documentation 0
	enumeration	15	documentation Reservation compulsory for parties documentation Reservation is compulsory for parties documentation 0
	enumeration	16	documentation Reservation compulsory in first-class documentation Reservation is compulsory in first-class documentation 0
	enumeration	17	documentation Group booking restricted documentation Booking by groups restricted documentation 0
	enumeration	18	documentation

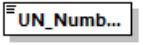
		Groups not allowed documentation Groups of travellers are not allowed documentation 0 documentation No reservation documentation Reservation is not possible documentation 0 documentation Reservation in first class only documentation Reservation is only possible in first documentation 0 documentation 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
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	0
source	<xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/>

element **UltimateDestinationCountry**

diagram	 UltimateDestinationCountry Country of Ultimate Destin...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	CountryIdentISO
properties	content simple
used by	element ITU Details
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country of Ultimate Destination
source	<xs:element name="UltimateDestinationCountry" type="CountryIdentISO"> <xs:annotation> <xs:documentation>Country of Ultimate Destination</xs:documentation> </xs:annotation> </xs:element>

element **UN_Number**

diagram	 UN_Numb... 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..."
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<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 <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</xs:documentation> </xs:annotation> </xs:element>

	of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xssimpleType> <xsrrestriction> <xslength> <xspattern> </xsrrestriction> </xssimpleType> </xselement>	<base="xs:string"> </base="xs:string"> value="4"/> value="\d*[1-9]\d*"/>
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element **ValidityPeriod**

diagram	<pre> classDiagram class ValidityPeriod { <<ValidityPeriod>> } class StartDateTime { <<StartDateTime>> The start of the date/time in effect } class EndDateTime { <<EndDateTime>> The end date/time in eff... } ValidityPeriod --> StartDateTime ValidityPeriod --> EndDateTime </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	StartDateTime EndDateTime
used by	elements PlannedCalendar ReferenceTrainID SubCalendar RequestedCalendar
source	<pre> <xselement name="ValidityPeriod"> <xssimpleType> <xsssequence> <xselement ref="StartDateTime"/> <xselement ref="EndDateTime" minOccurs="0"/> </xsssequence> </xssimpleType> </xselement> </pre>

element **Value**

diagram	<pre> classDiagram class Value { <<Value>> } </pre>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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> <xselement name="Value"> <xssimpleType> <xsrrestriction> <xsmminInclusive value="0"/> <xsmfractionDigits value="1"/> </xsrrestriction> </xssimpleType> </xselement> </pre>												

	<pre> <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>	<code>value="9999999999"/></code>
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element Variant

diagram	<p>The variant shows a relationship between two identifiers referring to the same business case</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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> <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 to which extent the transportation unit is used</p> <p>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</p> <p>The closing Date and Time of the port for the delivery of the shipment by rail to a vessel.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	VesselName ClosingTime

used by	elements WIMO Dataset/EventLevelData Ship
annotation	documentation This element identifies to which extent the transportation unit is used
source	<pre> <xs:element name="VesselIndication"> <xs:annotation> <xs:documentation>This element identifies to which extent the transportation unit is used</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="VesselName"/> <xs:element ref="ClosingTime" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element VesselName

diagram	 VesselName
	This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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

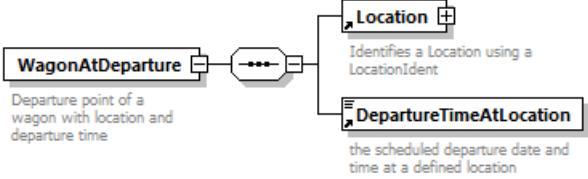
diagram	 Volume
	Identifies the volume of a shipment, expressed in cubic metres
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	VolumeValue
properties	content simple

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>

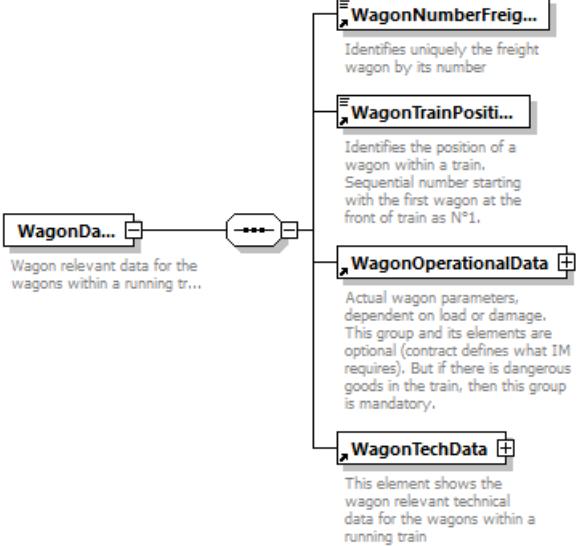
element **WagonArrivalNoticeMessage**

diagram	<p>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonInformation ArrivalAtDestination
annotation	<p>documentation</p> <p>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</p>
source	<pre><xs:element name="WagonArrivalNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="ArrivalAtDestination"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonAtDeparture**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonDepartureNoticeMessage
annotation	documentation Departure point of a wagon with location and departure time
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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	WagonNumberFreight WagonTrainPosition WagonOperationalData WagonTechData
used by	element TrainCompositionJourneySection

annotation	documentation Wagon relevant data for the wagons within a running train
source	<pre> <xs:element name="WagonData"> <xs:annotation> <xs:documentation>Wagon relevant data for the wagons within a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="WagonTrainPosition"/> <xs:element ref="WagonOperationalData"/> <xs:element ref="WagonTechData"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element WagonDeliveryNoticeMessage

diagram	<p>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonInformation DeliveryAtDestination Customers
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.
source	<pre> <xs:element name="WagonDeliveryNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="DeliveryAtDestination"/> <xs:element ref="Customers" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element></pre>

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

element **WagonDepartureNoticeMessage**

diagram	<p>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader RelatedReference WagonInformation Customers WagonAtDeparture
annotation	<p>documentation</p> <p>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</p>
source	<pre> <xs:element name="WagonDepartureNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the RU in charge to inform the LRU that the wagon has been picked-up (pulled) and has reached the RU's Yard of Departure. This message is the response to the WagonReleaseNoticeMessage.</xs:documentation> <xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference" minOccurs="0"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> <xs:element ref="WagonAtDeparture"/> </xs:sequence> </xs:complexType> </xs:annotation> </xs:annotation> </xs:element> </pre>

element **WagonDeviationMessage**

diagram	<p>This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader RelatedReference WagonNumberFreight ActualETI WagonExceptionReport
annotation	<p>documentation</p> <p>This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</p>
source	<pre> <xs:element name="WagonDeviationMessage"> <xs:annotation> <xs:documentation>This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="RelatedReference"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="ActualETI"/> <xs:element ref="WagonExceptionReport"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element WagonETI_ETA_Message

diagram	<pre> graph LR W[WagonETI_ETA_Message] --- MH[MessageHeader] W --- RR[RelatedReference] W --- WI[WagonInformation...] W --- AI[ArrivalInterchangeReport] WI --- DI[DepartureInterchangeReport] WI --- DOI[DepartureInterchangeReport] </pre>
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2
properties	content complex
children	MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport
annotation	<p>documentation</p> <p>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</p>
source	<pre> <xs:element name="WagonETI_ETA_Message"> <xs:annotation> <xs:documentation>This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <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 Me...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	WagonEvent EventDateTime Location
used by	element WIMO Dataset/EventLevelData
annotation	<p>documentation</p> <p>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</p>
source	<pre> <xs:element name="WagonEventInformation"> <xs:annotation> <xs:documentation>This is a WIMO element that is derived from the Wagon Release Notice and Event Messages</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="EventDateTime" type="xs:dateTime"/> <xs:element ref="Location"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonEventInformation/WagonEvent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:token
properties	content simple
facets	Kind Value 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> <xs:enumeration base="xs:token"> value="Release"/> value="Arrival"/> value="Departure"/> value="Exception"/> value="Delivery"/> value="InterchangeDelivery"/> value="InterchangeReceipt"/> value="YardDeparture"/> value="YardArrival"/> value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element></pre>	

element **WagonEventInformation/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	xs:dateTime
properties	content simple
source	<pre><xs:element name="EventDateTime" type="xs:dateTime"/></pre>

element **WagonExceptionMessage**

diagram	<pre> classDiagram class WagonExceptionMessage { <<This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold>> } class MessageHeader { <<Used for all messa...>> } 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 ...>> } class WagonExceptionReport { <<Specifies the exceptions of a wagon related to a specific location>> } class DangerousGoodsIndication { <<Identifies dangerous go...>> } WagonExceptionMessage < -- MessageHeader WagonExceptionMessage < -- WagonInformation WagonExceptionMessage "3..4" *--> WagonExceptionReport WagonExceptionMessage "3..4" *--> DangerousGoodsIndication </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication
annotation	<p>documentation</p> <p>This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</p>
source	<pre> <xs:element name="WagonExceptionMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonExceptionReasonMessage**

diagram	<pre> classDiagram class WagonExceptionReasonMessage { <<This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new E...>> } class MessageHeader { <<Used for all messa...>> } 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 ...>> } class WagonExceptionReport { <<Specifies the exceptions of a wagon related to a specific location>> } class DangerousGoodsIndication { <<Identifies dangerous go...>> } WagonExceptionReasonMessage < -- MessageHeader WagonExceptionReasonMessage < -- WagonInformation WagonExceptionReasonMessage "3..4" *--> WagonExceptionReport WagonExceptionReasonMessage "3..4" *--> DangerousGoodsIndication </pre>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonInformation WagonExceptionReport DangerousGoodsIndication
annotation	<p>documentation</p> <p>This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.</p>
source	<pre> <xs:element name="WagonExceptionReasonMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="WagonExceptionReport"/> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element WagonExceptionReport

diagram	<p>The diagram illustrates the structure of the WagonExceptionReport element. It consists of three main components: 'WagonExceptionRep...' (the base element), 'ExceptionPoi...', and 'ExceptionReas...'. An association line connects 'WagonExceptionRep...' to 'ExceptionPoi...'. Another association line connects 'WagonExceptionRep...' to 'ExceptionReas...', which is enclosed in a dashed box. Below the diagram, there are two detailed descriptions: one for 'ExceptionPoi...' and one for 'ExceptionReas...'.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	ExceptionPoint ExceptionReason
used by	WagonDeviationMessage WagonExceptionMessage WagonExceptionReasonMessage
annotation	<p>documentation</p> <p>Specifies the exceptions of a wagon related to a specific location</p>
source	<pre> <xs:element name="WagonExceptionReport"> <xs:annotation> <xs:documentation>Specifies the exceptions of a wagon related to a specific location</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="ExceptionPoint"/> <xs:element ref="ExceptionReason" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

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/3.2
properties	content complex
children	WagonNumberFreight LoadingStatus TotalWeight GoodsInWagon
used by	elements WIMO Dataset/ConsignmentLevelData WagonArrivalNoticeMessage WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonETI ETA Message WagonExceptionMessage WagonExceptionReasonMessage WagonReleaseNoticeMessage
annotation	<p>documentation</p> <p>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</p>
source	<pre> <xs:element name="WagonInformation"> <xs:annotation> <xs:documentation>This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="LoadingStatus"/> <xs:element ref="TotalWeight" minOccurs="0" maxOccurs="99"/> <xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonLength**

diagram	<p>Length over buffers in cm.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:int
properties	content simple
used by	element Wagons/WagonDetails/WagonTypeDetails
facets	Kind Value Annotation

	minInclusive 1 maxInclusive 999999
annotation	documentation Length over buffers in cms
source	<pre> <xs:element name="WagonLength"> <xs:annotation> <xs:documentation>Length over buffers in cms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonLocationStatus**

diagram	<p>WagonLocationStat...</p> <p>identifies the status of a wagon, related to the actual time at a reporting ...</p>																																																															
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																															
type	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></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>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> </tbody> </table>	Kind	Value	Annotation	enumeration	00		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	
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enumeration	19																																																															
annotation	documentation identifies the status of a wagon, related to the actual time at a reporting point																																																															

source	<pre><xs:element name="WagonLocationStatus" type="RunningStatus"> <xs:annotation> <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation> </xs:annotation> </xs:element></pre>
--------	---

element WagonMaxSpeed

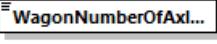
diagram	WagonMaxSpe... Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:int									
properties	content simple									
used by	element WagonOperationalData									
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	<p>documentation</p> Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh									
source	<pre><xs:element name="WagonMaxSpeed"> <xs:annotation> <xs:documentation>Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="001"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>									

element WagonNumberFreight

diagram	WagonNumberFreig... Identifies uniquely the freight wagon by its number						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
type	WagonIdent						
properties	content simple						
used by	elements RollingStockDataset/AdministrativeDataSet AlertMessage RollingStockDatasetMessage/RefusedWagonNumbers RollingStockDatasetQueryMessage WagonData WagonDeviationMessage WagonInformation Wagons WagonYardArrivalMessage WagonYardDepartureMessage						
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>maxLength</td> <td>12</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	maxLength	12	
Kind	Value	Annotation					
maxLength	12						

	pattern [0-9]{12}
annotation	documentation Identifies uniquely the freight wagon by its number
source	<pre><xs:element name="WagonNumberFreight" type="WagonIdent"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element></pre>

element **WagonNumberOfAxles**

diagram	 WagonNumberOfAxles Number of Axels for a wa...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:simpleType> <xs:restriction> <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonOperationalData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	BrakeType BrakeWeight WagonMaxSpeed ExceptionalGaugingProfile ExceptionalGaugingIdent DangerousGoodsDetails 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).</xs:documentation> </xs:annotation> </pre>

	<p>But if there is dangerous goods in the train, then this group is mandatory.</p> <pre></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 name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999"/> <xs:totalDigits value="6"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> <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 **WagonOperationalData/DangerousGoodsDetails**

diagram	<pre> classDiagram class DangerousGoodsDetails { DangerousGoodsIndication WeightOfDangerousGoods } class DangerousGoodsIndication class WeightOfDangerousGoods </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 99 content complex
children	DangerousGoodsIndication WeightOfDangerousGoods
source	<pre><xs:element name="DangerousGoodsDetails" minOccurs="0" maxOccurs="99"> <xs:complexType> <xs:sequence></pre>

	<pre> <xs:element ref="DangerousGoodsIndication" minOccurs="0"/> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive <xs:maxInclusive <xs:totalDigits </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>
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element **WagonOperationalData/DangerousGoodsDetails/WeightOfDangerousGoods**

diagram	 <p>Requested by RID specification, weight in kilograms</p>												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
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>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>totalDigits</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		totalDigits	6	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
totalDigits	6												
annotation	<p>documentation</p> <p>Requested by RID specification, weight in kilograms</p>												
source	<pre> <xs:element name="WeightOfDangerousGoods" minOccurs="0"> <xs:annotation> <xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive <xs:maxInclusive <xs:totalDigits </xs:restriction> </xs:simpleType> </xs:element> </pre>												

element **WagonPickupAtOrigin**

diagram	<p>WagonPickupAtOrig... Location DepartureTimeAtLocation</p> <p>Identifies a Location using a LocationIdent the scheduled departure date and time at a defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonReleaseNoticeMessage
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:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType> </xs:element></pre>

element **WagonReleaseNoticeMessage**

diagram	<p>WagonReleaseNoticeMess... MessageHeader WagonInformati... Customers WagonPickupAtOrig...</p> <p>Used for all messa... 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 ... Information about the consignor and consignee Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the c...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonInformation Customers WagonPickupAtOrigin
annotation	documentation This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform

	the RU in charge that the wagon is ready to be pulled.
source	<pre> <xs:element name="WagonReleaseNoticeMessage"> <xs:annotation> <xs:documentation>This message is used by the Lead RU for the case that the LRU is not the first RU in the Transport chain. It is to inform the RU in charge that the wagon is ready to be pulled.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonInformation"/> <xs:element ref="Customers" minOccurs="0"/> <xs:element ref="WagonPickupAtOrigin"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element Wagons

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	WagonNumberFreight WagonDetails SummaryOFGoodsWithSameRID LoadingTackles Goods ITU RollingRoadUnit
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"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength base="xs:string" value="500"/> <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> <xs:minInclusive base="xs:decimal" 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 </pre>
goods	<p>of the whole wagon. </xs:documentation></p> <p></xs:annotation></p> <p><xs:simpleType></p> <p><xs:restriction></p> <p><xs:maxLength base="xs:string" value="500"/></p> <p><xs:minLength value="1"/></p> <p></xs:restriction></p> <p></xs:simpleType></p> <p></xs:element></p> <p><xs:element name="WagonTypeDetails" minOccurs="0"></p> <p><xs:annotation></p> <p><xs:documentation>These elements are only needed, if the wagon has to be treated as CUV (empty wagon).</xs:documentation></p> <p></xs:annotation></p> <p><xs:complexType></p> <p><xs:sequence></p> <p><xs:element ref="WagonWeightEmpty"/></p> <p><xs:element ref="WagonNumberOfAxles"/></p> <p><xs:element ref="WagonLength"/></p> <p></xs:sequence></p> <p></xs:complexType></p> <p></xs:element></p> <p><xs:element ref="TotalWeight" minOccurs="0"/></p> <p><xs:element name="LoadLimit" minOccurs="0"></p> <p><xs:annotation></p> <p><xs:documentation>Load limit from table of load limits in [t].</xs:documentation></p> <p></xs:annotation></p> <p><xs:simpleType></p> <p><xs:restriction></p> <p><xs:minInclusive base="xs:decimal" value="0"/></p> <p><xs:totalDigits value="4"/></p> <p></xs:restriction></p> <p></xs:simpleType></p> <p></xs:element></p> <p><xs:element ref="Seals" minOccurs="0"></p> <p><xs:annotation></p> <p><xs:documentation>Describes the seals used for the</p>

	<pre> 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: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 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="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to 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 ref="ReferenceNumbers" minOccurs="0"/> </pre>
chapter	<pre> </xs:sequence> </xs:complexType> </xs:element> <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0" maxOccurs="25"/> <xs:choice> <xs:sequence> <xs:element ref="LoadingTackles" minOccurs="0" maxOccurs="99"/> <xs:element ref="Goods" maxOccurs="99"/> </xs:sequence> </pre>

	<pre> <xs:element ref="ITU" <xs:element ref="RollingRoadUnit" maxOccurs="25"/> <xs:choice> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element> </pre>
--	--

element Wagons/WagonDetails

diagram	<p>WagonDetails</p> <p>Details for the specific wa...</p> <p>WagonDetails</p> <p>LoadingStat...</p> <p>WagonIn...</p> <p>WagonTypeData...</p> <p>TotalWeight</p> <p>LoadLimit</p> <p>Seals</p> <p>Ship</p> <p>DeliveryReference</p> <p>OriginCountry</p> <p>ExceptionalConsignme...</p> <p>ShuntingModalLa...</p> <p>ReferenceNumbers</p>
namespace	http://www.era.europa.eu/schemes/TAF-TSI/3.2
properties	content complex
children	LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment ShuntingModalLabel ReferenceNumbers

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 whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:maxLength value="500"/> <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 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> <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:sequence> </xs:complexType> </xs:element> </pre>

	<pre> </xs:element> <xs:element ref="DeliveryReference" minOccurs="0"/> <xs:element ref="OriginCountry" minOccurs="0"/> <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> <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType> </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> <xs:enumeration <xs:enumeration </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="ReferenceNumbers" minOccurs="0"/> </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/3.2						
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> </tbody> </table>	Kind	Value	Annotation	minLength	1	
Kind	Value	Annotation					
minLength	1						

	maxLength 500
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> <xs:maxLength <xs:minLength </xs:restriction> </xs:simpleType> </xs:element> </pre>

element Wagons/WagonDetails/WagonTypeDetails

diagram	<p>The diagram illustrates the structure of the WagonTypeDetails element. It consists of three components: WagonWeightEmpty, WagonNumberOfAxles, and WagonLength, which are interconnected by directed associations. WagonTypeDetails is shown as a dashed box containing these three elements.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	minOcc 0 maxOcc 1 content complex
children	WagonWeightEmpty WagonNumberOfAxles WagonLength
annotation	documentation These elements are only needed, if the wagon has to be treated as CUV (empty wagon).
source	<pre> <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	<p>The diagram shows a single component named LoadLimit, represented by a dashed box.</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:decimal		
properties	minOcc 0 maxOcc 1 content simple		
facets	Kind Value Annotation minInclusive 0 totalDigits 4		
annotation	documentation Load limit from table of load limits in [t].		
source	<pre> <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> </pre>		

element Wagons/WagonDetails/ExceptionalConsignment

diagram	<p>Diagram illustrating the relationship between ExceptionalConsignment, IM_Partner, and PermissionNumber.</p> <pre> classDiagram class ExceptionalConsignment class IM_Partner class PermissionNumber ExceptionalConsignment "0..10" --> IM_Partner : ExceptionalConsignment --> PermissionNumber : </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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"/> <xsmaxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

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

element Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber

diagram	PermissionNum... Reference/permission number of the exceptional consignment.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minLength</td> <td>1</td> <td></td> </tr> <tr> <td>maxLength</td> <td>24</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minLength	1		maxLength	24	
Kind	Value	Annotation								
minLength	1									
maxLength	24									
annotation	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> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element Wagons/WagonDetails/ShuntingModalLabel

diagram	ShuntingModalLa... Shunting modal label according to chapter 5.3.4 RID
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:token
properties	minOcc 0 maxOcc 1 content simple
facets	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> </pre>

	<pre> <xs:documentation>Shunting modal label according to chapter 5.3.4 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:enumeration> <xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>	base="xs:token"> value="13"/> value="15"/>
--	--	--

element **WagonTechData**

diagram	<pre> sequence LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty TechnicalRestrictions </pre> <p>This element shows the wagon relevant technical data for the wagons within a running train</p>
---------	--

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty TechnicalRestrictions
used by	element WagonData
annotation	<p>documentation</p> <p>This element shows the wagon relevant technical data for the wagons within a running train</p>
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> <xs:minInclusive base="xs:integer" 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> <xs:minInclusive base="xs:integer" 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 name="WagonWeightEmpty" type="Numeric2-2" maxOccurs="6" minOccurs="0" /> <xs:element name="TechnicalRestrictions" type="Numeric2-2" maxOccurs="6" /> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WagonTechData/AirBrakeSpecialCharacteristic**

diagram	 AirBrakeSpecialCharacteristic Coding in 404-2, chapter ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:minInclusive base="xs:integer" value="0"/> <xs:maxInclusive value="9"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonTechData/HandBrakeBrakedWeight**

diagram	 HandBrakeBrakedWeight Coding in 404-2, chapter ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:minInclusive base="xs:integer" value="000"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonTechData/TechnicalRestrictions**

diagram	 0.6
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	Numeric2-2
properties	minOcc 0 maxOcc 6 content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<xs:element name="TechnicalRestrictions" type="Numeric2-2" minOccurs="0" maxOccurs="6"/>

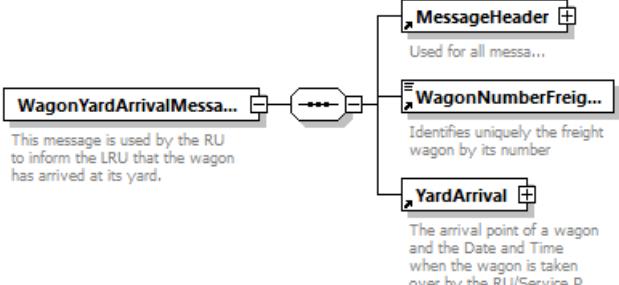
element **WagonTrainPosition**

diagram	 Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:int
properties	content simple
used by	element WagonData
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
source	<pre> <xs:element name="WagonTrainPosition"> <xs:annotation> <xs:documentation>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive>1</xs:minInclusive> <xs:maxInclusive>999</xs:maxInclusive> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **WagonWeightEmpty**

diagram													
	The weight of an empty wagon according to the entry in the rolling stock d...												
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2												
type	WeightValueKilo												
properties	content simple												
used by	RollingStockDataset/DesignDataSet WagonTechData Wagons/WagonDetails/WagonTypeDetails												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>999999</td> <td></td> </tr> <tr> <td>whiteSpace</td> <td>collapse</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	0		maxInclusive	999999		whiteSpace	collapse	
Kind	Value	Annotation											
minInclusive	0												
maxInclusive	999999												
whiteSpace	collapse												
annotation	<p>documentation</p> <p>The weight of an empty wagon according to the entry in the rolling stock database</p>												
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 **WagonYardArrivalMessage**

diagram	
	<p>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</p>
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonNumberFreight YardArrival
annotation	<p>documentation</p> <p>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</p>
source	<pre><xs:element name="WagonYardArrivalMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the LRU that the wagon has arrived at its yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardArrival"/> </xs:sequence> </xs:complexType> </xs:element></pre>

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

element **WagonYardDepartureMessage**

diagram	<pre> classDiagram class WagonYardDepartureMessage { <<This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the ...>> } class MessageHeader { <<Used for all messa...>> } class WagonNumberFreig... { <<Identifies uniquely the freight wagon by its number>> } class YardDeparture { <<The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider>> } WagonYardDepartureMessage < -- MessageHeader WagonYardDepartureMessage < -- WagonNumberFreig... WagonYardDepartureMessage *--> YardDeparture </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	MessageHeader WagonNumberFreight YardDeparture
annotation	documentation This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.
source	<pre> <xs:element name="WagonYardDepartureMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to inform the Lead RU that the wagon has left the yard.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="WagonNumberFreight"/> <xs:element ref="YardDeparture"/> </xs:sequence> </xs:complexType> </xs:element> </pre>

element **WeightOfSetOfCarriages**

diagram	<pre> classDiagram class WeightOfSetOfCarriages { <<The calculated maximum weight of all carriages without the traction>> } class WeightValueTonne { } class PlannedTrainTechnicalData { } WeightOfSetOfCarriages < -- WeightValueTonne WeightOfSetOfCarriages *--> PlannedTrainTechnicalData </pre>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	WeightValueTonne									
properties	content simple									
used by	PlannedTrainTechnicalData									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	99999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	99999									
annotation	documentation The calculated maximum weight of all carriages without the traction									
source	<pre> <xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne"> <xs:annotation> </pre>									

	<pre> <xs:documentation>The calculated maximum weight of all carriages without the </xs:annotation> </xs:element></pre>
--	---

element **WheelDiameter**

diagram	WheelDiameter Diameter of wheels measured in mm. Reference wheel diameter at maximum. ...									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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>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>Diameter of wheels measured in mm.</p> <p>Reference wheel diameter at maximum.</p>									
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> <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element></pre>									

element **WheelsetGauge**

diagram	WheelsetGau... Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge ...						
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						
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> </tbody> </table>	Kind	Value	Annotation	minInclusive	1	
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> <xs:documentation>Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **Width**

diagram	<p>Width</p> <p>Width of ITU</p> <p>Value</p> <p>Measure</p> <p>Dimensions</p> <p>Measure used, either ft or mm</p>
namespace	http://www.era.europa.eu/schemas/TAFTSI/3.2
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>WIMO_Dataset</p> <p>Comment describing your root element</p> <p>ConsignmentLevelData</p> <p>EventLevelData</p> <p>RollingStockDataset</p> <p>Rolling Stock administrative and Techn...</p>
---------	---

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <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 class ConsignmentNumber class Goods class AgreedTimeOfDelivery class Destination class WagonInformation class ConsignmentLevelData { <<Customer>> <<ConsignmentNumber>> <<Goods>> <<AgreedTimeOfDelivery>> <<Destination>> <<WagonInformation>> <<ContractNumber>> <<DangerousGoodsIndication>> <<SpecialTreatments>> <<PreviousWagonNumber>> <<PreviousConsignmentNumber>> <<NextIntermediateDestination>> <<PreviousResponsible...>> <<NextResponsible...>> } Customer "1..2" -- "2" ConsignmentLevelData : <<Customer>> ConsignmentNumber "1..2" -- "2" ConsignmentLevelData : <<ConsignmentNumber>> Goods "1..2" -- "2" ConsignmentLevelData : <<Goods>> AgreedTimeOfDelivery "1..2" -- "2" ConsignmentLevelData : <<AgreedTimeOfDelivery>> Destination "1..2" -- "2" ConsignmentLevelData : <<Destination>> WagonInformation "1..2" -- "2" ConsignmentLevelData : <<WagonInformation>> ContractNumber "1..2" -- "2" ConsignmentLevelData : <<ContractNumber>> DangerousGoodsIndication "1..2" -- "2" ConsignmentLevelData : <<DangerousGoodsIndication>> SpecialTreatments "1..2" -- "2" ConsignmentLevelData : <<SpecialTreatments>> PreviousWagonNumber "1..2" -- "2" ConsignmentLevelData : <<PreviousWagonNumber>> PreviousConsignmentNumber "1..2" -- "2" ConsignmentLevelData : <<PreviousConsignmentNumber>> NextIntermediateDestination "1..2" -- "2" ConsignmentLevelData : <<NextIntermediateDestination>> PreviousResponsible... "1..2" -- "2" ConsignmentLevelData : <<PreviousResponsible...>> NextResponsible... "1..2" -- "2" ConsignmentLevelData : <<NextResponsible...>> </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU
source	<pre> <xss:element name="ConsignmentLevelData"> <xss:complexType> <xss:sequence> <xss:element ref="Customer" maxOccurs="2"/> <xss:element ref="ConsignmentNumber"/> <xss:element ref="Goods"/> </xss:sequence> </xss:complexType> </xss:element> </pre>

	<pre> <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/3.2									
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	<xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/>									

element **WIMO_Dataset/EventLevelData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> </pre>

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

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>Location Identifies a Location using a LocationIdent</p> <p>ArrivalTimeAtLocationActual The actual arrival date and time at the defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Location ArrivalTimeAtLocationActual
used by	element WagonYardArrivalMessage
annotation	<p>documentation</p> <p>The arrival 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="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> <p>Location Identifies a Location using a LocationIdent</p> <p>DepartureTimeAtLocation the scheduled departure date and time at a defined location</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
properties	content complex
children	Location DepartureTimeAtLocation
used by	element WagonYardDepartureMessage
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> </pre>

	<pre> <xs:sequence> <xs:element <xs:element ref="Location"/> ref="DepartureTimeAtLocation"/> </xs:element> </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/3.2									
type	extension of FreeText									
properties	base FreeText									
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>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	<p>CompositIdentifierOperationalType Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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"/> <xs:element ref="StartDate"/> </xs:sequence> </xs:complexType> </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 (R0), Path (PA), Case Reference (CR) and Path Request (PR)</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>

complexType **CompositIdentifierPlannedType**

diagram	<pre> graph LR Comp[CompositIdentifierPlannedType] --- Object[ObjectType] Comp --- Company[Company] Comp --- Core[Core] Comp --- Variant[Variant] Comp --- Timetable[TimetableYear] Comp --- StartDate[StartDate] </pre> <p>The diagram illustrates the structure of the CompositIdentifierPlannedType. It consists of a central box labeled CompositIdentifierPlannedType, which is connected via a dashed line to four other boxes: ObjectType, Company, Core, and Variant. Below these four boxes is another dashed line connecting to two more boxes: TimetableYear and StartDate.</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	ObjectType Company Core Variant TimetableYear StartDate
used by	AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.
source	<pre> <xs:complexType name="CompositIdentifierPlannedType"> <xs:annotation> <xs:documentation>Used for unique identification of the objects handled in the messages such as train, path, path request or case reference.</xs:documentation> </xs:annotation> <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	<pre> graph LR Consignment[ConsignmentIdent] --- Description[Identifies a waybill by its number and type] </pre> <p>The diagram shows a single box labeled ConsignmentIdent, which contains the text "Identifies a waybill by its number and type".</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	extension of xs:string

properties	base xs:string
used by	elements 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

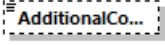
diagram	<pre> classDiagram class CustomerCode { <<Identifies the railway customer>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-2)>> } class PrimaryCode class AdditionalCode CustomerCode "1" -- "2" CountryCodeISO CustomerCode "1" -- "2" PrimaryCode CustomerCode "1" -- "2" AdditionalCode </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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	<pre> classDiagram class PrimaryCode </pre>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	String1-14									
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>14</td> <td></td> </tr> </table>	Kind	Value	Annotation	minLength	1		maxLength	14	
Kind	Value	Annotation								
minLength	1									
maxLength	14									

source	<code><xs:element name="PrimaryCode" type="String1-14"/></code>
--------	---

element **CustomerCode/AdditionalCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	String1-7
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 7
source	<code><xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/></code>

complexType **DanGoodsType**

diagram	<p>This element indicates the type of a dangerous load</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	HazardIdentificationNumber UN Number DangerLabel RID Class PackingGroup DangerousGoodsWeight DangerousGoodsVolume LimitedQuantityIndicator
used by	element DangerousGoodsIndication
annotation	documentation This element indicates the type of a dangerous load
source	<pre> <xs:complexType <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> name="DanGoodsType"></pre>

	<pre> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction> <xs:minLength <xsmaxLength </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> <xs:length <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> <xs:minLength <xsmaxLength <xs:pattern value="1"/> </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" 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> </pre>
--	--

element **DanGoodsType/HazardIdentificationNumber**

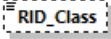
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 4
source	<pre><xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **DanGoodsType/UN_Number**

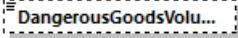
diagram	
	<p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC..."</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 1 content simple
used by	SummaryOfGoodsWithSameRID
facets	Kind Value Annotation length 4 pattern \d*[1-9]\d*
annotation	<p>documentation</p> <p>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p>
source	<pre><xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation></pre>

	<pre> <xs:simpleType> <xs:restriction> <xs:length <xs:pattern >/</xs:restriction> </xs:simpleType> </xs:element> </pre>	<base="xs:string"></base="xs:string"> <value="4"></value="4"> <value="\d*[1-9]\d*"></value="\d*[1-9]\d*">
--	--	---

element **DanGoodsType/RID_Class**

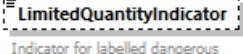
diagram	 The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:string									
properties	minOcc 0 maxOcc 1 content simple									
facets	<table> <thead> <tr> <th>Kind</th> <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	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> <xs:minLength <xs:maxLength >/</xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **DanGoodsType/DangerousGoodsVolume**

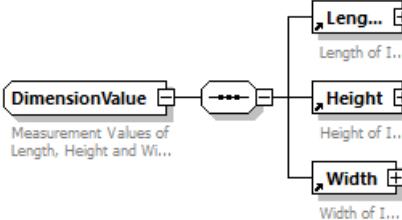
diagram	 The volume of the dangerous goods in cubic ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	VolumeValue
properties	minOcc 0 maxOcc 1 content simple
used by	element SummaryOfGoodsWithSameRID
annotation	documentation The volume of the dangerous goods in cubic meters
source	<pre> <xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> </pre>

	<pre><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/3.2
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**

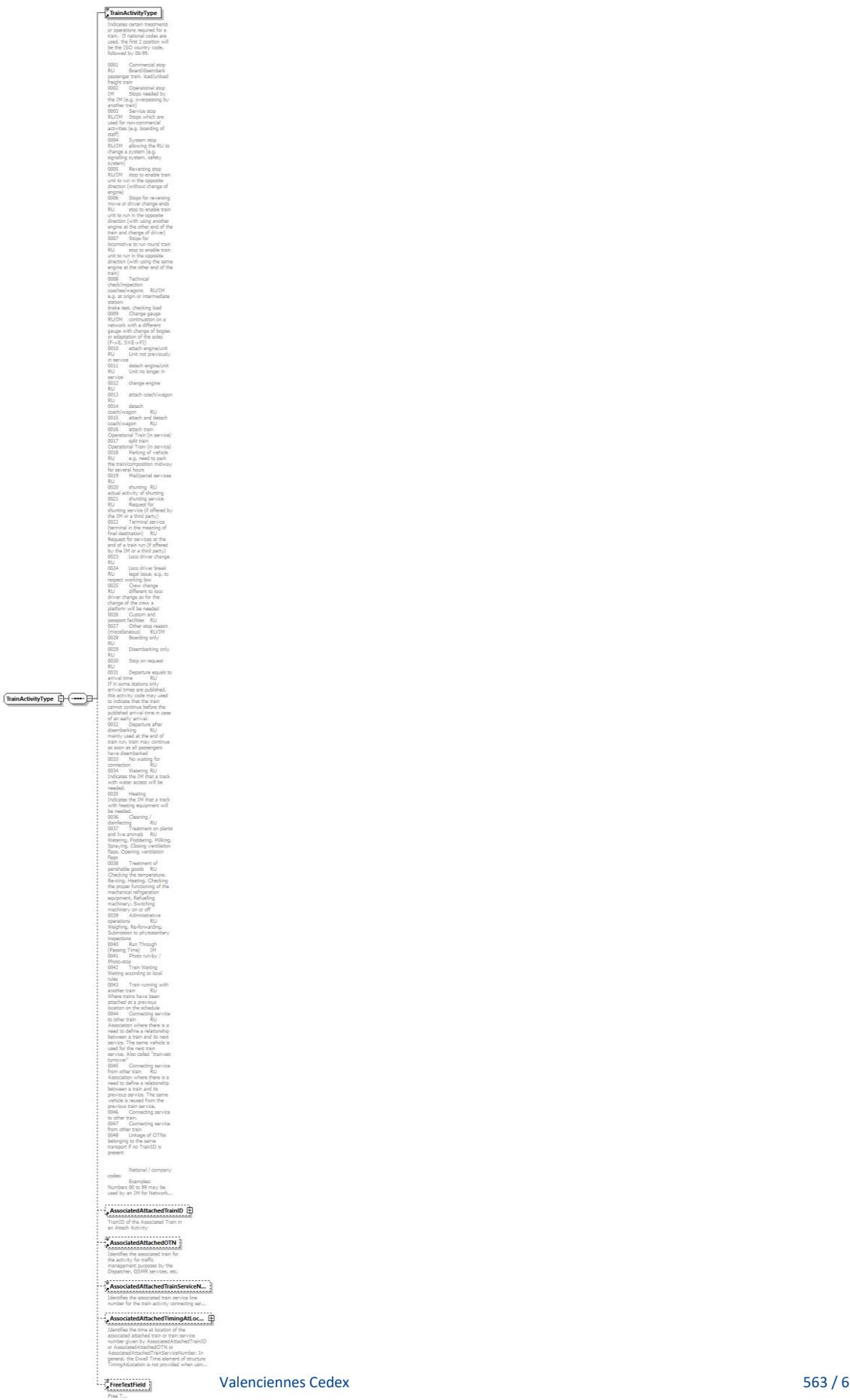
diagram	 <p>DimensionValue Measurement Values of Length, Height and Wi...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	Length Height Width
annotation	documentation Measurement Values of Length, Height and Width
source	<pre><xs:complexType name="DimensionValue"> <xs:annotation> <xs:documentation>Measurement Values of Length, Height and Width</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="Length"/> <xs:element ref="Height"/> <xs:element ref="Width"/> </xs:sequence> </xs:complexType></pre>

complexType **LocationIdent**

diagram	<pre> classDiagram class LocationIdent { <<Indication of the Railway or Customer Location>> } class CountryCodeISO { <<Identifies a County or State by code (ISO 3166-2)>> } 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>> } LocationIdent "1..*" --> CountryCodeISO : Indication of the Railway or Customer Location CountryCodeISO --> LocationPrimaryCode : PrimaryLocationName CountryCodeISO --> PrimaryLocationName : Indication of the Railway or Customer Location CountryCodeISO --> LocationSubsidiaryIdentification : Indication of the Railway or Customer Location </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	<p>elements</p> <p>TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination ConsignmentOrderMessage/COMS/COM/RU Declarations/DifferentAcceptance/DifferentAcceptanc ePoint EndLocation AffectedSection/EndOfSection IntermediateDestination JourneySectionDestination JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack NetworkProjectedLocation/NextLocation TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation StartLocation AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint</p>
annotation	<p>documentation</p> <p>Indication of the Railway or Customer Location</p>
source	<pre> <xsd:complexType name="LocationIdent"> <xsd:annotation> <xsd:documentation>Indication of the Railway or Customer Location</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element ref="CountryCodeISO"/> <xsd:element ref="LocationPrimaryCode"/> <xsd:element ref="PrimaryLocationName" minOccurs="0"/> <xsd:element ref="LocationSubsidiaryIdentification" minOccurs="0"/> </xsd:sequence> </xsd:complexType> </pre>

complexType **TrainActivityType**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	TrainActivityType AssociatedAttachedTrainID AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber AssociatedAttachedTimingAtLocation 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="FreeTextField" minOccurs="0" /> </xs:sequence> </xs:complexType></pre>

complexType **ValidityPeriod**

diagram	<pre> classDiagram class ValidityPeriod { <<ValidityPeriod>> } class StartDate { <<StartDate>> } class EndDate { <<EndDate>> } ValidityPeriod --> StartDate : "The start of the date/time in effect" ValidityPeriod --> EndDate : "The end date/time in eff..." </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
children	StartDate EndDate
used by	elements LocationPrimaryInformation/FreightValidityPeriod LocationPrimaryInformation/PassengerValidityPeriod LocationValidityPeriod
source	<pre><xs:complexType name="ValidityPeriod"> <xs:sequence> <xs:element ref="StartDate" /> <xs:element ref="EndDate" minOccurs="0" /> </xs:sequence> </xs:complexType></pre>

complexType **WagonTelematics**

diagram	<pre> classDiagram class WagonTelematics { <<WagonTelematics>> } class TelematicsOnBoard { <<TelematicsOnBoard>> } class TelematicsDevice { <<TelematicsDevice>> } WagonTelematics --> TelematicsOnBoard : "Indication if wagon is equipped with a telematics device." TelematicsOnBoard --> TelematicsDevice : "Detailed information about a specific telematics device." TelematicsDevice < --> 0..> </pre>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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:sequence> </xs:complexType></pre>

a	<pre> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with telematics </xs:documentation> </xs:element> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics </xs:annotation> <xs:complexType> <xs:sequence> <xs:element <xs:annotation> <xs:documentation xml:lang="en">Specification of type of device. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </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 <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="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> </pre>
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	<pre> </xs:annotation> <xs:simpleType> <xs:restriction> <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"/> <xs:enumeration value="Hand" brake="end"/> <xs:enumeration value="Non" brake="end"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> <xs:enumeration value="5"/> <xs:enumeration value="6"/> <xs:enumeration value="7"/> <xs:enumeration value="8"/> </xs:restriction> </xs:simpleType> </xs:element> <xs: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> <xs:maxLength base="xs:string" 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> <xs:maxLength base="xs:string" value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </pre>
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element **WagonTelematics/TelematicsOnBoard**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> </xs:element></pre>

element **WagonTelematics/TelematicsDevice**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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"></pre>

```

<xs:annotation>
  <xs:documentation xml:lang="en">Detailed information about a specific
telematics
  </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>
          <xs:enumeration value="Telematics" base="xs:string">
            <xs:enumeration value="Sensor" />
          </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>
            <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="Box" />
            <xs:enumeration value="Lift off protection" />
            <xs:enumeration value="Brake system" />
            <xs:enumeration value="Air blocks" />
            <xs:enumeration value="Brake 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>
            <xs:enumeration value="Side" />
            <xs:enumeration value="Top" />
            <xs:enumeration value="Bottom" />
            <xs:enumeration value="Inside" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

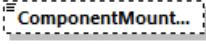
	<pre> <xs:enumeration value="Left"/> <xs:enumeration value="Right"/> <xs:enumeration value="Center"/> <xs:enumeration value="Below" type="brake"/> <xs:enumeration value="Hand" type="brake"/> <xs:enumeration value="Non" type="brake"/> <xs:enumeration value="1" type="isolation"/> <xs:enumeration value="2" type="isolation"/> <xs:enumeration value="3" type="isolation"/> <xs:enumeration value="4" type="isolation"/> <xs:enumeration value="5" type="isolation"/> <xs:enumeration value="6" type="isolation"/> <xs:enumeration value="7" type="isolation"/> <xs:enumeration value="8" type="isolation"/> </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 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 IIIIC T135°C Db.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>
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element **WagonTelematics/TelematicsDevice/DeviceType**

diagram	 DeviceType Specification of type of telematics device.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2

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	<p>documentation</p> <p>Specification of type of telematics device.</p>									
source	<pre> <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" /> <xs:enumeration value="Sensor" /> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **WagonTelematics/TelematicsDevice/ComponentMounted**

diagram	 <p>ComponentMount...</p> <p>Indication of the component to which the telematics unit is attached.</p>																																																									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																									
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>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> </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	
Kind	Value	Annotation																																																								
enumeration	Superstructure																																																									
enumeration	Tank																																																									
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enumeration	Lift off protection																																																									
enumeration	Brake system																																																									
enumeration	Brake blocks																																																									
enumeration	Air pipes																																																									

	enumeration Brake valves
annotation	documentation Indication of the component to which the telematics unit is attached.
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: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="Box protection"/> <xs:enumeration value="Lift 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>Indication of where the telematics unit is located on the component.</p>																											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
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> </tbody> </table>	Kind	Value	Annotation	enumeration	Side		enumeration	Top		enumeration	Bottom		enumeration	Inside		enumeration	Left		enumeration	Right		enumeration	Center		enumeration	Below isolation	
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> <xs:enumeration base="xs:string"> value="Side"/> value="Top"/> value="Bottom"/> value="Inside"/> value="Left"/> value="Right"/> value="Center"/> value="Below"/> value="Hand"/> value="Non"/> value="Brake"/> value="Isolation"/> value="End"/> value="1"/> value="2"/> value="3"/> value="4"/> value="5"/> value="6"/> value="7"/> value="8"/> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **WagonTelematics/TelematicsDevice/ManufacturerName**

diagram	
	Name of the manufacturer of the telematics device.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:simpleType> <xs:restriction> <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/3.2
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 certified.</xs:documentation> ATEX </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 I...</p>
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	minOcc 0 maxOcc 2 content simple
facets	Kind Value Annotation maxLength 50
annotation	documentation Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.
source	<pre><xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"></pre>

	<pre> <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> <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/3.2
type	restriction of xs:string
properties	base xs:string
used by	elements eMail FaxNumber PhoneNumber TrainContactDetails
facets	Kind Value Annotation minLength 1 maxLength 70
annotation	documentation Identifier for communications contact reference (i.e. fax number, phone number, e-mail, URL)
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/3.2
type	restriction of String4-4
properties	base String4-4
used by	elements AllocationCompany Company CoordinatingIM ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU IM_Partner ImpactedRU LeadRU NextResponsibleRU PreviousResponsibleRU ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU Recipient ResponsibleApplicant ResponsibleIM ResponsibleRU RU_Partner Sender ConsignmentOrderMessage/COMS/COM_Header/SendingRU 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>
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simpleType CountryIdentISO

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	base xs:string
used by	elements CountryCodeISO 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 DeltaTime

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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"> </pre>

	<pre><xs:length </xs:restriction> </xs:simpleType></pre>	<code>value="5"/></code>
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simpleType DerailmentDetectionDevice

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2														
type	restriction of xs:string														
properties	base xs:string														
used by	element RollingStockDataset/DesignDataSet/DerailmentDetectionDevice														
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> <tr> <td>enumeration</td> <td>MDV 100</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Non coded device</td> <td></td> </tr> </tbody> </table>			Kind	Value	Annotation	enumeration	EDT 101		enumeration	MDV 100		enumeration	Non coded device	
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. The following values are defined: EDT 101 MDV 100 Non coded device </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="EDT 101"/> <xs:enumeration value="MDV 100"/> <xs:enumeration value="Non coded device"/> </xs:restriction> </xs:simpleType></pre>														

simpleType EquipmentNumberType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2											
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	documentation Number of ITU											
source	<pre><xs:simpleType name="EquipmentNumberType"></pre>											

	<pre> <xs:annotation> <xs:documentation>Number of ITU</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xsmaxLength value="13"/> </xs:restriction> </xs:simpleType> </pre>
--	---

simpleType EquipmentTypeType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																					
type	restriction of xs:token																					
properties	base xs:token																					
used by	element ITU Type																					
facets	<table> <tr> <td>Kind</td> <td>Value</td> <td>Annotation</td> </tr> <tr> <td>enumeration</td> <td>cn</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Container</td> </tr> <tr> <td>enumeration</td> <td>sw</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>swap body</td> </tr> <tr> <td>enumeration</td> <td>te</td> <td>documentation</td> </tr> <tr> <td></td> <td></td> <td>Trailer (RollingRoad)</td> </tr> </table>	Kind	Value	Annotation	enumeration	cn	documentation			Container	enumeration	sw	documentation			swap body	enumeration	te	documentation			Trailer (RollingRoad)
Kind	Value	Annotation																				
enumeration	cn	documentation																				
		Container																				
enumeration	sw	documentation																				
		swap body																				
enumeration	te	documentation																				
		Trailer (RollingRoad)																				
annotation	documentation Type of equipment																					
source	<pre> <xs:simpleType name="EquipmentTypeType"> <xs:annotation> <xs:documentation>Type of equipment</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="cn"> <xs:annotation> <xs:documentation>Container</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="sw"> <xs:annotation> <xs:documentation>swap body</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="te"> <xs:annotation> <xs:documentation>Trailer (RollingRoad)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>																					

simpleType ForwardingRestrictionType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:token
properties	base xs:token

facets	Kind Value Annotation
	enumeration 07
	enumeration 08
	enumeration 09
	enumeration 11
	enumeration 12
	enumeration 13
	enumeration 15
	enumeration 16
	enumeration 41
	enumeration 42
	enumeration 61
	enumeration 62
	enumeration 63
	enumeration 70
	enumeration 71
	enumeration 92
	enumeration 94
	enumeration
annotation	documentation Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load
source	<pre> <xs:simpleType name="ForwardingRestrictionType"> <xs:annotation> <xs:documentation>Code List Candidate: This code is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="07"/> <xs:enumeration value="08"/> <xs:enumeration value="09"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="15"/> <xs:enumeration value="16"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="70"/> <xs:enumeration value="71"/> <xs:enumeration value="92"/> <xs:enumeration value="94"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType> </pre>

simpleType FreeText

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2					
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 PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription TransportInstruction NetworkSpecificParameter/Value complexType 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/3.2					
type	restriction of xs:string					
properties	base xs:string					
facets	Kind Value Annotation length 11 pattern [A-Za-z0-9]{11}					
annotation	documentation Clear Text in ISO Unicode character set					
source	<pre> <xs:simpleType name="LoadUnitNumberType"> <xs:annotation> <xs:documentation>Clear Text in ISO Unicode character set</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="11"/> <xs:pattern value="[A-Za-z0-9]{11}"/> </xs:restriction> </xs:simpleType> </pre>					

simpleType Name

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
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/3.2		
type	restriction of xs:string		
properties	base xs:string		
used by	elements NHM Code Goods/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>		

simpleType Numeric1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:positiveInteger		
properties	base xs:positiveInteger		
used by	elements RollingStockDataset/DesignDataSet/BogiePivotPitch RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen RollingStockDataset/DesignDataSet/InnerWheelbase RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory LocationPrimaryCode		

facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
source	<xs:simpleType <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType>

simpleType Numeric1-6

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:int
properties	base xs:int
facets	Kind Value Annotation minInclusive 1 maxInclusive 999999
source	<xs:simpleType <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType>

simpleType Numeric2-2

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	base xs:integer
used by	element s RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYearMessageRoutingID RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType AirBrake/NumberOfBrakes WagonTechData/TechnicalRestrictions RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEINCI_InstanceNumber attribute
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<xs:simpleType <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType>

simpleType Numeric3-3

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
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/3.2		
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/3.2		
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></pre>		

	<pre> </xs:annotation> <xs:restriction <xs:minInclusive <xs:maxInclusive </xs:restriction> </xs:simpleType> </pre>	<pre> base="xs:float"> value="0"/> value="100"/> </pre>
--	---	--

simpleType Speed

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	Numeric3-3										
properties	base Numeric3-3										
used by	elements GNSS DynamicPosition/CurrentSpeed HighestPlannedSpeed PlannedSpeed TrainMaxSpeed										
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 Shown in Km/h										
source	<pre> <xs:simpleType <xs:annotation> <xs:documentation>Shown in Km/h</xs:documentation> </xs:annotation> <xs:restriction <xs:base name="Numeric3-3"/> </xs:restriction> </xs:simpleType> </pre>										

simpleType String1-10

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2										
type	restriction of xs:string										
properties	base xs:string										
used by	element LocationSubsidiaryCode										
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										
source	<pre> <xs:simpleType <xs:restriction <xs:minLength <xs:maxLength <xs:value value="10"/> </xs:restriction> </xs:simpleType> </pre>										

simpleType String1-14

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	restriction of xs:string	
properties	base xs:string	
used by	element CustomerCode/PrimaryCode	

facets	Kind Value Annotation minLength 1 maxLength 14	
source	<xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType>	name="String1-14" base="xs:string" value="1"/> value="14"/>

simpleType String1-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	restriction of xs:string	
properties	base xs:string	
used by	element DelayMinutes	
facets	Kind Value Annotation minLength 1 maxLength 5	
source	<xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType>	name="String1-5" base="xs:string" value="1"/> value="5"/>

simpleType String1-7

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	restriction of xs:string	
properties	base xs:string	
used by	element CustomerCode/AdditionalCode	
facets	Kind Value Annotation minLength 1 maxLength 7	
source	<xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType>	name="String1-7" base="xs:string" value="1"/> value="7"/>

simpleType String1-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	restriction of xs:string	
properties	base xs:string	

used by	elements	AssociatedAttachedOTN AssociatedAttachedTrainServiceNumber OperationalTrainNumber
facets	Kind Value Annotation minLength 1 maxLength 8	
source	<pre><xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType></pre>	<code>name="String1-8"></code> <code>base="xs:string"></code> <code>value="1"/></code> <code>value="8"/></code>

simpleType String4-4

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:string		
properties	base xs:string		
used by	simpleType CompanyCode		
facets	Kind Value Annotation minLength 4 maxLength 4		
source	<pre><xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType></pre>		
	<code>name="String4-4"></code> <code>base="xs:string"></code> <code>value="4"/></code> <code>value="4"/></code>		

simpleType String5-5

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind Value Annotation minLength 5 maxLength 5		
source	<pre><xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType></pre>		
	<code>name="String5-5"></code> <code>base="xs:string"></code> <code>value="5"/></code> <code>value="5"/></code>		

simpleType String5-8

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:string		
properties	base xs:string		

facets	Kind Value Annotation minLength 5 maxLength 8	
source	<xs:simpleType <xs:restriction <xs:minLength <xs:maxLength </xs:restriction> </xs:simpleType>	name="String5-8" base="xs:string" value="5"/> value="8"/>

simpleType Time

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	xs:time	
properties	base xs:time	
annotation	documentation Time expressed in HH:MM:SS	
source	<xs:simpleType <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation> <xs:restriction </xs:simpleType>	name="Time" base="xs:time"/>

simpleType VolumeValue

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2	
type	xs:float	
properties	base xs:float	
used by	elements DangerousGoodsVolume DanGoodsType/DangerousGoodsVolume Volume	
annotation	documentation Volume value of the load units by cbm	
source	<xs:simpleType <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction </xs:simpleType>	name="VolumeValue" base="xs:float"/>

simpleType WagonIdent

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	base xs:string
used by	elements WIMO Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight
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/3.2		
type	restriction of xs:integer		
properties	base xs:integer		
used by	elements DangerousGoodsWeight GrossWeight MaxGrossWeight ITU_Details/TareWeight RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle TotalLoadWeight TotalWeight LoadingTackles/TotalWeightLoadingTackles WagonWeightEmpty		
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/3.2		
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 </xs:documentation> </xs:restriction> <xs:minInclusive>01</xs:minInclusive> <xs:maxInclusive>99999</xs:maxInclusive> </xs:simpleType></pre>	<pre>Tonnes</xs:documentation> base="xs:int"> value="1"/> value="99999"/></pre>

attribute CI_InstanceNumber

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	Numeric2-2		
used by	elements Recipient Sender		
facets	Kind	Value	Annotation
	minInclusive	01	
	maxInclusive	99	
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>		

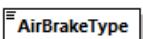
3. Schema taf_cat_codelists.xsd

schema location: [C:\Users\jugelst\OneDrive - European Union Agency for Railways \(ERA\)\Documents\Projects\TAF-TSI\taf_cat_codelists.xsd](C:\Users\jugelst\OneDrive - European Union Agency for Railways (ERA)\Documents\Projects\TAF-TSI\taf_cat_codelists.xsd)
 attributeFormDefault: **unqualified**
 elementFormDefault: **qualified**
 targetNamespace: <http://www.era.europa.eu/schemes/TAFTSI/3.2>

Elements	Simple types	Attributes
AirBrakeType	ConsignmentTypeCode	LocationSubsidiaryTypeCode
BrakeSpecialCharacteristics	DelayCode	TimingQualifierCode
BrakeType	InfoIndex	
BrakingPowerVariationDevice	MessageCode	
CombinedTrafficLoadProfile	RestrictionCodes	
ConsignmentOrderType	RunningStatus	
CouplingType	TrainCC SystemCode	
DangerLabel	TypeOfIMHarmonizationCode	

[HandBrakeType](#) [TypeOfInformationCode](#)
[InfoOnGoodsShapeTypeDanger](#) [TypeOfRequestCode](#)
[InteropCapability](#) [TypeOfRUHarmonizationCode](#)
[JourneyLocationTypeCode](#) [UnitType](#)
[LivestockOrPeopleIndicator](#)
[LoadTableStars](#)
[MessageStatus](#)
[MRN Type](#)
[NormalLoadingGauge](#)
[PackingGroup](#)
[ProcessType](#)
[ReasonOfReference](#)
[RefusalCode](#)
[RouteClass](#)
[TractionMode](#)
[TractionType](#)
[TrainRadioSystem](#)
[TrainType](#)
[TypeOfRemovableAccessories](#)
[TypeOfUsedHybridPowerunit](#)
[WheelSetTransformationMethod](#)

element AirBrakeType

diagram	 <p>Classification of air brake. additional code: 8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13. ...</p>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																					
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></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>8</td> <td></td> </tr> <tr> <td>enumeration</td> <td>9</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	8		enumeration	9	
Kind	Value	Annotation																				
enumeration	0																					
enumeration	1																					
enumeration	2																					
enumeration	3																					
enumeration	8																					
enumeration	9																					
annotation	<p>documentation</p> <p>Classification of air brake.</p> <p>additional code:</p> <p>8 No air brake or brake pipe The code is defined in UIC Leaflet 920-13.</p>																					
source	<pre> <xs:element name="AirBrakeType"> <xs:annotation> <xs:documentation>Classification of air brake.</xs:documentation> <xs:attribute name="additional"> ... </xs:attribute> </xs:annotation> </xs:element> </pre>																					

	<p>8 No air brake or brake pipeThe code is defined in UIC Leaflet 920-13.</p> <pre> </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:enumeration> <xs:enumeration> <xs:enumeration> <xs:enumeration> <xs:enumeration> <xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre> <p style="text-align: right;"><code>base="xs:token"> value="0"/> value="1"/> value="2"/> value="3"/> value="8"/> value="9"/></code></p>
--	---

element **BrakeSpecialCharacteristics**

diagram																																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																				
type	restriction of <code>xs:token</code>																																				
properties	content simple																																				
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source	<pre> <xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> General brake characteristics. The values refer to UIC leaflet 920-13: 0 = Cast Iron Brake Blocks 1 = Disc Brake 2 = K-Brake 3 = Cast Iron Brake Blocks, single release brake 4 = Composite Brake Blocks, single release brake 5 = L-Brake 6 = LL-Brake 9 = Unknown or non-coded </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> </pre>	

	<pre><xs:documentation>Unknown information</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element></pre>	or	non-coded
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element **BrakeType**

diagram	<p>Type of braking system. Supported brake types: 0 = G: "Goods" for freight services with slow application and release times 1 = P: "Passenger" for passenger and freight services with quick application and release times. 2 = X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning. 3 = R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances 4 = G+E: brake position G with additional brake=electro-dynamic brake 5 = G+H: brake position G with additional brake=hydro-dynamic brake 6 = P+E: brake position P with additional brake=electro-dynamic brake 7 = P+H: brake position P with additional brake=hydro-dynamic brake 8 = P+Mg: brake position P with additional brake=magnetic track brake 9 = R+E: brake position R with additional brake=electro-dynamic brake 10 = R+H: brake position R with additional brake=hydro-dynamic brake 11 = R+Mg: brake position R with additional brake=magnetic track brake 12 = R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse) 13 = R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake 14 = R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake ...</p>																		
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	enumeration 5 enumeration 6 enumeration 7 enumeration 8 enumeration 9 enumeration 10 enumeration 11 enumeration 12 enumeration 13 enumeration 14
annotation	<p>documentation</p> <p>Type of braking system. Supported brake types:</p> <p>0 = G: "Goods" for freight services with slow application and release times. 1 = P: "Passenger" for passenger and freight services with quick application and release times. 2 = X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning. 3 = R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances</p> <p>4 = G+E: brake position G with additional brake=electro-dynamic 5 = G+H: brake position G with additional brake=hydro-dynamic 6 = P+E: brake position P with additional brake=electro-dynamic 7 = P+H: brake position P with additional brake=hydro-dynamic 8 = P+Mg: brake position P with additional brake=magnetic track 9 = R+E: brake position R with additional brake=electro-dynamic 10 = R+H: brake position R with additional brake=hydro-dynamic 11 = R+Mg: brake position R with additional brake=magnetic track 12 = R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse) 13 = R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake 14 = R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake</p>
source	<pre> <xs:element name="BrakeType"> <xs:annotation> <xs:documentation>Type of braking system. Supported brake types: 0 = G: "Goods" for freight services with slow application and release times 1 = P: "Passenger" for passenger and freight services with quick application and release times. 2 = X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning. 3 = R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances 4 = G+E: brake position G with additional brake=electro-dynamic brake 5 = G+H: brake position G with additional brake=hydro-dynamic brake 6 = P+E: brake position P with additional brake=electro-dynamic brake 7 = P+H: brake position P with additional brake=hydro-dynamic brake 8 = P+Mg: brake position P with additional brake=magnetic track brake 9 = R+E: brake position R with additional brake=electro-dynamic brake 10 = R+H: brake position R with additional brake=hydro-dynamic brake 11 = R+Mg: brake position R with additional brake=magnetic track brake </xs:documentation> </xs:annotation> </xs:element> </pre>

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element **BrakingPowerVariationDevice**

diagram																			
	Coding in 404-2, chapter ...																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																		
type	restriction of xs:integer																		
properties	content simple																		
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</td> <td>documentation no braked weight variation device</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>documentation empty/loaded manual or automatic device with one changeover weight</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>documentation empty/loaded manual or automatic device with two or three changeover weights</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>documentation linear auto continuous device with indication of maximum braked weight</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>documentation non-codable variation device</td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0	documentation no braked weight variation device	enumeration	1	documentation empty/loaded manual or automatic device with one changeover weight	enumeration	2	documentation empty/loaded manual or automatic device with two or three changeover weights	enumeration	8	documentation linear auto continuous device with indication of maximum braked weight	enumeration	9	documentation non-codable variation device
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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"></pre>																		

	<pre> <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 weight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>empty/loaded manual or automatic device with two 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>
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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): P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is less or equal 2550 mm. C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm <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/3.2
properties	content complex
children	P1 P2 C1 C2
annotation	<p>documentation</p> <p>This element does refer to combined load units that can be used for Freight Requests only.</p> <p>There are two entry options:</p> <ul style="list-style-type: none"> • One option refers to "P" (Semi-trailer/road semi-trailer): P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is less or equal 2550 mm. C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm <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> <xss:element name="CombinedTrafficLoadProfile"> <xss:annotation> <xss: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): P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm. P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm • The other option refers to "C" (Swap body): C1 requires the code in case the gauge of the swap body is less or equal 2550 mm. C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm </xss:documentation> </xss:annotation> </pre>

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element **CombinedTrafficLoadProfile/P1**

diagram	
	P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

element **CombinedTrafficLoadProfile/P2**

diagram	
	P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element></pre>

	<code></xs:element></code>
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element **CombinedTrafficLoadProfile/C1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of <code>xs:string</code>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern <code>\d{3}</code>
source	<pre> <xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction> <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/3.2
type	restriction of <code>xs:string</code>
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern <code>\d{3}</code>
annotation	documentation C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
source	<pre> <xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element **ConsignmentOrderType**

diagram																																																										
	<p>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none.</p> <p>ORU: original consignment order message from origin location</p> <p>ORX: update for consignment order from origin location</p> <p>ORD: deletion for consignment order from origin location</p> <p>TRU: original transit consignment order</p> <p>TRX: update for transit consignment order</p> <p>TRD: deletion of transit consignment order</p> <p>DRU: original consignment order to destination location</p> <p>DRX: update for consignment order to destination location</p> <p>DRD: deletion of consignment order to destination location ...</p>																																																									
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	<p><xs:documentation>Preliminary list of messages, by now restricted on different types of consignment orders. CIM: none.</p> <p>ORU: original consignment order message from origin location</p> <p>ORX: update for consignment order from origin location</p> <p>ORD: deletion for consignment order from origin location</p> <p>TRU : original transit consignment order</p> <p>TRX: update for transit consignment order</p> <p>TRD: deletion of transit consignment order</p> <p>DRU : original consignment order to destination location</p> <p>DRX: update for consignment order to destination location</p> <p>DRD: deletion of consignment order to destination location</p>
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element **CouplingType**

diagram	<p>Classification of coupling: 0 = without coupler 1 = non-reinforced coupler less than 85t 2 = reinforced coupler equals to 85t 3 = ultra-reinforced coupler greater than 85t 4 = automatic coupling...</p>																		
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																		
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></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> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4	
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element DangerLabel

diagram	<pre> DangerLabel 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). 1 Explosive materials, divisions 1.1, 1.2 and 1.3 1.4 Explosive materials, division 1.4 1.5 Explosive materials, division 1.5 1.6 Explosive materials, division 1.6 2.1 Flammable gases 2.2 Non-flammable, non-toxic gases 2.3 Toxic gases 3 Flammable liquids 4.1 Flammable solids , self-reactive substances and solid desensitized explosives 4.2 Substances liable to spontaneous combustion 4.3 Substances which, in contact with water, emit flammable gases 5.1 Oxidizing substances 5.2 Organic peroxides 6.1 Toxic substances 6.2 Infectious substances 7A Radioactive material, category I 7B Radioactive material, category II 7C Radioactive material, category III 7D (obsolete) should be used for general information about class 7 7E Fissile radioactive material 8 Corrosive substances 9 Miscellaneous dangerous substances and articles ... </pre>																																				
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element **HandBrakeType**

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type	restriction of xs:token
properties	content simple
facets	Kind Value Annotation enumeration 0

	enumeration 1 enumeration 2												
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element **InfoOnGoodsShapeTypeDanger**

diagram	<p>InfoOnGoodsShapeTypeDan...</p> <p>Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1</p> <p>Codes to add are given in the table below:</p> <table border="0"> <tr><td>96</td><td>Environmentally hazardous substance (RID 5.2.1.6)</td></tr> <tr><td>97</td><td>More than 8 tons of dangerous goods packaged in limited quantities (LQ)</td></tr> </table> <p>The following documentation serves for the existing codes:</p> <table border="0"> <tr><td>1</td><td>Container</td></tr> <tr><td>2</td><td>Other intermodal traffic</td></tr> <tr><td>3</td><td>Rolling road (RR)</td></tr> <tr><td>6</td><td>Semi-Trailer on bogies</td></tr> <tr><td>10</td><td>1 - danger of explosion (subclass 1.1, 1.2, 1.3)</td></tr> <tr><td>14</td><td>1.4 - danger of explosion (subclass 1.4)</td></tr> <tr><td>15</td><td>1.5 - danger of explosion (subclass 1.5)</td></tr> <tr><td>16</td><td>1.6 - danger of explosion (subclass 1.6)</td></tr> <tr><td>21</td><td>2.1 - inflammable gases</td></tr> <tr><td>22</td><td>2.2 - non inflammable,non-toxic gases</td></tr> <tr><td>23</td><td>2.3 - toxic gases</td></tr> <tr><td>30</td><td>3 - fire hazard (inflammable liquids)</td></tr> <tr><td>41</td><td>4.1 - fire hazard (inflammable solids)</td></tr> <tr><td>42</td><td>4.2 - spontaneously inflammable</td></tr> <tr><td>43</td><td>4.3 - gives off inflammable gas on contact with water</td></tr> <tr><td>51</td><td>5.1 - combustible substance</td></tr> <tr><td>52</td><td>5.2 - organic peroxide</td></tr> <tr><td>61</td><td>6.1 - toxic substance</td></tr> <tr><td>62</td><td>6.2 - infectious substance</td></tr> <tr><td>71</td><td>7A - radioactive substance in category I packing WHITE</td></tr> <tr><td>72</td><td>7B - radioactive substance in category II packing YELLOW</td></tr> <tr><td>73</td><td>7C - radioactive substance in category III packing YELLOW</td></tr> <tr><td>74</td><td>7D - Common label for radioactive substances included under 7A, 7B + 7C</td></tr> <tr><td>75</td><td>7E - fissile substance</td></tr> <tr><td>80</td><td>8 - corrosive substance</td></tr> <tr><td>90</td><td>Various dangerous substance and objects not covered by the other classes</td></tr> <tr><td>98</td><td>Livestock</td></tr> <tr><td>99</td><td>Perishables</td></tr> <tr><td></td><td>...</td></tr> </table>	96	Environmentally hazardous substance (RID 5.2.1.6)	97	More than 8 tons of dangerous goods packaged in limited quantities (LQ)	1	Container	2	Other intermodal traffic	3	Rolling road (RR)	6	Semi-Trailer on bogies	10	1 - danger of explosion (subclass 1.1, 1.2, 1.3)	14	1.4 - danger of explosion (subclass 1.4)	15	1.5 - danger of explosion (subclass 1.5)	16	1.6 - danger of explosion (subclass 1.6)	21	2.1 - inflammable gases	22	2.2 - non inflammable,non-toxic gases	23	2.3 - toxic gases	30	3 - fire hazard (inflammable liquids)	41	4.1 - fire hazard (inflammable solids)	42	4.2 - spontaneously inflammable	43	4.3 - gives off inflammable gas on contact with water	51	5.1 - combustible substance	52	5.2 - organic peroxide	61	6.1 - toxic substance	62	6.2 - infectious substance	71	7A - radioactive substance in category I packing WHITE	72	7B - radioactive substance in category II packing YELLOW	73	7C - radioactive substance in category III packing YELLOW	74	7D - Common label for radioactive substances included under 7A, 7B + 7C	75	7E - fissile substance	80	8 - corrosive substance	90	Various dangerous substance and objects not covered by the other classes	98	Livestock	99	Perishables		...
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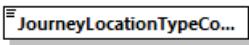
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element **InteropCapability**

diagram																												
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element **JourneyLocationTypeCode**

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element **LivestockOrPeopleIndicator**

diagram	 <p>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info-Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to inclu...</p>										
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element **LoadTableStars**

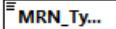
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annotation	<p>Number of load table stars.</p> <p>1 = Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</p> <p>2 = Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</p> <p>3 = Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</p>															
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element **MessageStatus**

diagram	 MessageStat... Assigned by the Sender 1=creation, 2=modification, 3=deletion												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2												
type	restriction of xs:token												
properties	content simple												
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>3</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	3	
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element **MRN_Type**

diagram	 MRN_Ty... Type of MRN given, CODE: CIT GLV-CIM appendix 2: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor ***																		
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source	<pre> <xs:element name="MRN_Type"> <xs:annotation> <xs:documentation>Type of MRN given, CODE: CIT GLV-CIM appendix 2: MRN-E if an EXPORT declaration has been lodged MRN-T if a TRANSIT declaration has been lodged MRN-TS if a TRANSIT declaration with SECURITY data has been lodged MRN-EXS if the EXIT SUMMARY declaration has been made separately by the consignor MRN-ENS if the ENTRY SUMMARY declaration has been made separately by the consignor </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="MRN-E"> <xs:annotation>if an EXPORT declaration has been </pre>																		

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element **NormalLoadingGauge**

diagram																									
	<p>All codes are defined in the UIC Leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, th...</p>																								
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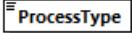
	enumeration GB-M6 enumeration GHE16 enumeration W6-A enumeration SEa
annotation	<p>documentation</p> <p>All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used.</p>
source	<pre> <xs:element name="NormalLoadingGauge"> <xs:annotation> <xs:documentation> All codes are defined in the UIC leaflet 505-1 and 503, as well as in the EN 15273-2:2013. For details please refer to EN 15273-2:2013 (Railway applications - Gauges - Part 2: Rolling stock gauge). For the existing gauges in the list, the Annex B.3 should be used. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="G1"/> <xs:enumeration value="G2"/> <xs:enumeration value="GA"/> <xs:enumeration value="GB"/> <xs:enumeration value="GC"/> <xs:enumeration value="GB1"/> <xs:enumeration value="GB2"/> <xs:enumeration value="GB-M6"/> <xs:enumeration value="GHE16"/> <xs:enumeration value="W6-A"/> <xs:enumeration value="SEa"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>

element PackingGroup

diagram	 <p>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</p> <table> <tr> <td>I</td><td>High danger</td></tr> <tr> <td>II</td><td>Medium danger</td></tr> <tr> <td>III</td><td>Low danger...</td></tr> </table>	I	High danger	II	Medium danger	III	Low danger...
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namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2						

type	restriction of xs:token																																												
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element **ProcessType**

diagram	 <p>Process type to further distinguish among type of requests. Possible process types:</p> <ul style="list-style-type: none"> 0 = New Path Request and allocation process for annual timetable 1 = Late Path Request and allocation process for annual timetable 2 = Short-term path request and allocation process 3 = Rolling Planning path request and allocation process 4 = Feasibility Study process 5 = Path Modification process (triggered by applicant) 6 = Path Alteration process (triggered by IM) 7 = Pre-arranged Path publication by RFC 8 = Catalogue Path publication by IM 																																																									
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<xs:annotation>

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</xs:enumeration>

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<xs:documentation>Short-term path request and allocation process</xs:documentation>

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<xs:documentation>Rolling Planning path request and allocation process</xs:documentation>

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<xs:documentation>Feasibility Study process</xs:documentation>

</xs:annotation>

</xs:enumeration>

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<xs:documentation>Path Modification process (triggered by applicant)</xs:documentation>

</xs:annotation>

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<xs:documentation>Path Alteration process (triggered by IM)</xs:documentation>

</xs:annotation>

</xs:enumeration>

<xs:enumeration value="7">

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<xs:documentation>Pre-arranged Path publication by RFC</xs:documentation>

	</xs:annotation> </xs:enumeration> <xs:enumeration <xs:annotation> <xs:documentation>Catalogue IM</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element>	Path	publication	by
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element **ReasonOfReference**

diagram																												
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
type	restriction of xs:string																											
properties	content simple																											
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	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
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 (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 will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID). 1003 = Partial replacement of stated previous path		

	<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 the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).</p> <p>1004 = Reference to sub train of Y-train bundle (Additional information: The current PathRequestMessage contains the main train of a Y-train bundle; the TrainID stated in RPTID is for the sub train which will be joined with or splitted of the main train.)</p> <p>1005 = Reference to main train of Y-train bundle (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)</p> <p>1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)</p> <p>1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)</p> <p>1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).</p> <p>1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).</p> <p>1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage)</p> <p>ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)</p> <p>1013 = Replaced path after modification by ResponsibleApplicant (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</p>
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	<p>passengers.</p> <p>RPTID: TrainID.)</p> <p>DE03 = Notice stated PathRequestMessage</p> <p>(Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered.</p> <p>RPTID: PathRequestID.)</p> <p>DE04 = Replacement of stated train</p> <p>(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.)</p> <p>RPTID: TrainID.)</p> <p>DE05 = Reference to a reserved capacity</p> <p>(Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal</p> <p>process for a specific product of DB Netz). RPTID: PathID.)</p> <p>DE06 = Use of same OTN as of stated train</p> <p>(Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family. The trains have only slightly differences on various days. RPTID: TrainID.)</p>
source	<p><code><xss:element name="ReasonOfReference"></code></p> <p><code><xss:annotation></code></p> <p><code><xss:documentation></code>Indicates the reason/purpose of usage of element RelatedPlannedTransportIdentifier.</p> <p>List of codes for element ReasonOfReference:</p> <p>1000 = Same path offer is desired as for stated PathRequestMessage</p> <p>(Additional information: For a train requested with more than one PathRequestMessage (all with different bitmapdays) the same (or nearly the same) routing and timing at location in path offers for all PathRequestMessages (PathRequestIDs) is desired by Responsible Applicant (if it is possible).</p> <p>RPTID: All others PathRequestIDs).</p> <p>1001 = Same path is desired as for stated train/path</p> <p>(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).</p> <p>RPTID: TrainID or PathID).</p> <p>1002 = Full replacement of stated previous path</p> <p>(Additional information: The current path given in PathDetailsMessage will replace the stated path fully after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM. Calendar of previous path and offered path contain the same dates. The previous path doesn't exist anymore. RPTID: PathID).</p> <p>1003 = Partial replacement of stated previous path</p> <p>(Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to be changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID).</p> <p>1004 = Reference to sub train of Y-train bundle</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 (Additional information: The current PathRequestMessage contains the sub train of a Y-train bundle. The TrainID stated in RPTID is for the main train with which the sub train will be joined with or splitted of.)</p> <p>1006 = Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists after passing a foreign infrastructure area to continue train's journey.)</p> <p>1007 = Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area (Additional information: The referencing indicates that another PathRequestMessage (specifying PathRequestID as RPTID) for the same train exists before passing a foreign infrastructure area.)</p> <p>1008 = Reference to further path offer for the PathRequestMessage (Additional information: There are more than one path offers for the PathRequestMessage. RPTID: All other PathID's.)</p> <p>1009 = Reference to booked path before interruption by railway replacement traffic by bus (Additional information: The stated train/path is continued following a railway replacement traffic with that new requested train/path. RPTID: PathID).</p> <p>1010 = Reference to a PreArrangedPath (Additional information: Reference to a PathID of existing PAP, which is to be used by an annual train requested with that PRM. RPTID: PathID).</p> <p>1011 = Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed (Additional information: The code is used, when a new train object has to be linked with an existing booked path for a specified validity period and no new path elaboration is needed. It is used in modification process of planning phase only instead of using UpdateLinkMessage and ObjectInfoMessage. Result: Internal path modification (reduce of validity period of calendar) for previous Path. New path with new PathID for the specified validity period. RPTID: Previous TrainID and PathID).</p> <p>1012 = New final offer to former draft offer (Additional information: Reference to (old) draft offer in case of IM is making a (different) new offer (TypeOfInformation : Final offer). Code is used only in process PathRequest (annual timetable); RPTID : PathID of draft offer.)</p> <p>1013 = Replaced path after modification by ResponsibleApplicant (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</p> <p>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</p>
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	<p>passengers before or behind the current requested path for a train with passengers. RPTID: TrainID.)</p> <p>DE02 = Reference to an associated main run (Additional information: Stated train is a related train with passengers before or behind the current requested path for a train without passengers. RPTID: TrainID.)</p> <p>DE03 = Notice stated PathRequestMessage (Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.)</p> <p>DE04 = Replacement of stated train (Additional information: Full or partial replacement of the named former train; example: Change of passenger trainset (like ICE or TGV) by set of loco and wagons in case of technical problems, delay or other reasons. It is not only change of TrainID. RPTID: TrainID.)</p> <p>DE05 = Reference to a reserved capacity (Additional information: This code can be used to refer to a study offer (with booking option) as a result of the KFB process (internal process for a specific product of DB Netz). RPTID: PathID.)</p> <p>DE06 = Use of same OTN as of stated train (Additional information: Responsible Applicant wants to use same OTN as in stated train because of all trains are part of same family. The trains have only slightly differences on various days. RPTID: TrainID.)</p> <pre> </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:minLength value="4"/> <xs:maxLength value="4"/> <xs:enumeration value="1000"> <xs:annotation> <xs:documentation>Same path offer is desired as for stated PathRequestMessage</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1001"> <xs:annotation> <xs:documentation>Same path is desired as for stated train/path</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1002"> <xs:annotation> <xs:documentation>Full replacement of stated previous path</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1003"> <xs:annotation> <xs:documentation>Partial replacement of stated previous path</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1004"> <xs:annotation> <xs:documentation>Reference to sub train of Y-train</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre>
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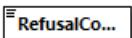
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bundle</xs:documentation>
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element **RefusalCode**

diagram	
	Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:integer
properties	content simple
facets	Kind Value Annotation enumeration 1 enumeration 2
annotation	documentation Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown
source	<pre> <xs:element name="RefusalCode"> <xs:annotation> <xs:documentation>Code List Candidate: 1 = Data not authorised by Wagon Keeper 2 = Wagon number freight unknown</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 **RouteClass**

diagram	
	Indication of the route class (based on CEN EN 15528; line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy sys...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:string
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 3 enumeration A

	enumeration B enumeration B1 enumeration B2 enumeration C enumeration C2 enumeration C3 enumeration C4 enumeration CM enumeration CM2 enumeration CM3 enumeration CM4 enumeration CE enumeration D enumeration D2 enumeration D3 enumeration D4 enumeration D5 enumeration E enumeration E4 enumeration E5 enumeration E6 enumeration F enumeration G
annotation	<p>documentation</p> <p>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</p>
source	<pre> <xs:element name="RouteClass"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure). All the codes in this code list refer to CEN EN 15528: line categories for managing the interface between load limits of vehicles on infrastructure. CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy systems which only support two character codes.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xsmaxLength 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:restriction> </xs:simpleType> </pre>

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element **TractionMode**

diagram	<pre> TractionMode Identifies the mode of deployment of a traction unit within a train First digit – traction role Second digit – position in group of traction units with the same role 11 Train traction 1st traction unit in the group 21 Intermediate traction 1st traction unit in the group 31 Banking locomotive 1st traction unit in the group 41 Banking locomotive not coupled 1st traction unit in the group 51 No Leading Engine 1st traction unit in the group 12 Train traction 2nd traction unit in the group 22 Intermediate traction 2nd traction unit in the group 32 Banking locomotive 2nd traction unit in the group 42 Banking locomotive not coupled 2nd traction unit in the group 52 No Leading Engine 2nd traction unit in the group 13 Train traction 3rd traction unit in the group 23 Intermediate traction 3rd traction unit in the group 33 Banking locomotive 3rd traction unit in the group 43 Banking locomotive not coupled 3rd traction unit in the group 53 No Leading Engine 3rd traction unit in the group 14 Train traction 4th traction unit in the group 24 Intermediate traction 4th traction unit in the group 34 Banking locomotive 4th traction unit in the group 44 Banking locomotive not coupled 4th traction unit in the group 54 No Leading Engine 4th traction unit in the group 15 Train traction 5th traction unit in the group 25 Intermediate traction 5th traction unit in the group 35 Banking locomotive 5th traction unit in the group 45 Banking locomotive not coupled 5th traction unit in the group 55 No Leading Engine 5th traction unit in the group 16 Train traction 6th traction unit in the group 26 Intermediate traction 6th traction unit in the group 36 Banking locomotive 6th traction unit in the group 46 Banking locomotive not coupled 6th traction unit in the group 56 No Leading Engine 6th traction unit in the group ... </pre>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																					
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>11</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>99</td> <td></td> </tr> <tr> <td>enumeration</td> <td>11</td> <td></td> </tr> <tr> <td>enumeration</td> <td>21</td> <td></td> </tr> <tr> <td>enumeration</td> <td>31</td> <td></td> </tr> <tr> <td>enumeration</td> <td>41</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	11		maxInclusive	99		enumeration	11		enumeration	21		enumeration	31		enumeration	41	
Kind	Value	Annotation																				
minInclusive	11																					
maxInclusive	99																					
enumeration	11																					
enumeration	21																					
enumeration	31																					
enumeration	41																					

	enumeration 51																																																																											
	enumeration 12																																																																											
	enumeration 22																																																																											
	enumeration 32																																																																											
	enumeration 42																																																																											
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	enumeration 13																																																																											
	enumeration 23																																																																											
	enumeration 33																																																																											
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	enumeration 55																																																																											
	enumeration 16																																																																											
	enumeration 26																																																																											
	enumeration 36																																																																											
	enumeration 46																																																																											
	enumeration 56																																																																											
annotation	<p>documentation</p> <p>Identifies the mode of deployment of a traction within a train</p> <p>First digit – traction role</p> <p>Second digit – position in group of traction units with the same role</p> <table> <tbody> <tr><td>11</td><td>Train traction</td><td>1st traction unit in the group</td></tr> <tr><td>21</td><td>Intermediate traction</td><td>1st traction unit in the group</td></tr> <tr><td>31</td><td>Banking locomotive</td><td>1st traction unit in the group</td></tr> <tr><td>41</td><td>Banking locomotive not coupled</td><td>1st traction unit in the group</td></tr> <tr><td>51</td><td>No Leading Engine</td><td>1st traction unit in the group</td></tr> <tr><td>12</td><td>Train traction</td><td>2nd traction unit in the group</td></tr> <tr><td>22</td><td>Intermediate traction</td><td>2nd traction unit in the group</td></tr> <tr><td>32</td><td>Banking locomotive</td><td>2nd traction unit in the group</td></tr> <tr><td>42</td><td>Banking locomotive not coupled</td><td>2nd traction unit in the group</td></tr> <tr><td>52</td><td>No Leading Engine</td><td>2nd traction unit in the group</td></tr> <tr><td>13</td><td>Train traction</td><td>3rd traction unit in the group</td></tr> <tr><td>23</td><td>Intermediate traction</td><td>3rd traction unit in the group</td></tr> <tr><td>33</td><td>Banking locomotive</td><td>3rd traction unit in the group</td></tr> <tr><td>43</td><td>Banking locomotive not coupled</td><td>3rd traction unit in the group</td></tr> <tr><td>53</td><td>No Leading Engine</td><td>3rd traction unit in the group</td></tr> <tr><td>14</td><td>Train traction</td><td>4th traction unit in the group</td></tr> <tr><td>24</td><td>Intermediate traction</td><td>4th traction unit in the group</td></tr> <tr><td>34</td><td>Banking locomotive</td><td>4th traction unit in the group</td></tr> <tr><td>44</td><td>Banking locomotive not coupled</td><td>4th traction unit in the group</td></tr> <tr><td>54</td><td>No Leading Engine</td><td>4th traction unit in the group</td></tr> <tr><td>15</td><td>Train traction</td><td>5th traction unit in the group</td></tr> <tr><td>25</td><td>Intermediate traction</td><td>5th traction unit in the group</td></tr> <tr><td>35</td><td>Banking locomotive</td><td>5th traction unit in the group</td></tr> <tr><td>45</td><td>Banking locomotive not coupled</td><td>5th traction unit in the group</td></tr> <tr><td>55</td><td>No Leading Engine</td><td>5th traction unit in the group</td></tr> </tbody> </table>	11	Train traction	1st traction unit in the group	21	Intermediate traction	1st traction unit in the group	31	Banking locomotive	1st traction unit in the group	41	Banking locomotive not coupled	1st traction unit in the group	51	No Leading Engine	1st traction unit in the group	12	Train traction	2nd traction unit in the group	22	Intermediate traction	2nd traction unit in the group	32	Banking locomotive	2nd traction unit in the group	42	Banking locomotive not coupled	2nd traction unit in the group	52	No Leading Engine	2nd traction unit in the group	13	Train traction	3rd traction unit in the group	23	Intermediate traction	3rd traction unit in the group	33	Banking locomotive	3rd traction unit in the group	43	Banking locomotive not coupled	3rd traction unit in the group	53	No Leading Engine	3rd traction unit in the group	14	Train traction	4th traction unit in the group	24	Intermediate traction	4th traction unit in the group	34	Banking locomotive	4th traction unit in the group	44	Banking locomotive not coupled	4th traction unit in the group	54	No Leading Engine	4th traction unit in the group	15	Train traction	5th traction unit in the group	25	Intermediate traction	5th traction unit in the group	35	Banking locomotive	5th traction unit in the group	45	Banking locomotive not coupled	5th traction unit in the group	55	No Leading Engine	5th traction unit in the group
11	Train traction	1st traction unit in the group																																																																										
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41	Banking locomotive not coupled	1st traction unit in the group																																																																										
51	No Leading Engine	1st traction unit in the group																																																																										
12	Train traction	2nd traction unit in the group																																																																										
22	Intermediate traction	2nd traction unit in the group																																																																										
32	Banking locomotive	2nd traction unit in the group																																																																										
42	Banking locomotive not coupled	2nd traction unit in the group																																																																										
52	No Leading Engine	2nd traction unit in the group																																																																										
13	Train traction	3rd traction unit in the group																																																																										
23	Intermediate traction	3rd traction unit in the group																																																																										
33	Banking locomotive	3rd traction unit in the group																																																																										
43	Banking locomotive not coupled	3rd traction unit in the group																																																																										
53	No Leading Engine	3rd traction unit in the group																																																																										
14	Train traction	4th traction unit in the group																																																																										
24	Intermediate traction	4th traction unit in the group																																																																										
34	Banking locomotive	4th traction unit in the group																																																																										
44	Banking locomotive not coupled	4th traction unit in the group																																																																										
54	No Leading Engine	4th traction unit in the group																																																																										
15	Train traction	5th traction unit in the group																																																																										
25	Intermediate traction	5th traction unit in the group																																																																										
35	Banking locomotive	5th traction unit in the group																																																																										
45	Banking locomotive not coupled	5th traction unit in the group																																																																										
55	No Leading Engine	5th traction unit in the group																																																																										

	16 Train traction 6th traction unit in the group 26 Intermediate traction 6th traction unit in the group 36 Banking locomotive 6th traction unit in the group 46 Banking locomotive not coupled 6th traction unit in the group 56 No Leading Engine 6th traction unit in the group
source	<pre> <xs:element name="TractionMode"> <xs:annotation> <xs:documentation>Identifies the mode of deployment of a traction within a First digit - traction role Second digit - position in group of traction units with the same role 11 Train traction 1st traction unit in the group 21 Intermediate traction 1st traction unit in the group 31 Banking locomotive 1st traction unit in the group 41 Banking locomotive not coupled 1st traction unit in the group 51 No Leading Engine 1st traction unit in the group 12 Train traction 2nd traction unit in the group 22 Intermediate traction 2nd traction unit in the group 32 Banking locomotive 2nd traction unit in the group 42 Banking locomotive not coupled 2nd traction unit in the group 52 No Leading Engine 2nd traction unit in the group 13 Train traction 3rd traction unit in the group 23 Intermediate traction 3rd traction unit in the group 33 Banking locomotive 3rd traction unit in the group 43 Banking locomotive not coupled 3rd traction unit in the group 53 No Leading Engine 3rd traction unit in the group 14 Train traction 4th traction unit in the group 24 Intermediate traction 4th traction unit in the group 34 Banking locomotive 4th traction unit in the group 44 Banking locomotive not coupled 4th traction unit in the group 54 No Leading Engine 4th traction unit in the group 15 Train traction 5th traction unit in the group 25 Intermediate traction 5th traction unit in the group 35 Banking locomotive 5th traction unit in the group 45 Banking locomotive not coupled 5th traction unit in the group 55 No Leading Engine 5th traction unit in the group 16 Train traction 6th traction unit in the group 26 Intermediate traction 6th traction unit in the group 36 Banking locomotive 6th traction unit in the group 46 Banking locomotive not coupled 6th traction unit in the group 56 No Leading Engine 6th traction unit in the group </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="11"/> <xs:maxInclusive value="99"/> <xs:enumeration value="11"/> <xs:enumeration value="21"/> <xs:enumeration value="31"/> <xs:enumeration value="41"/> <xs:enumeration value="51"/> <xs:enumeration value="12"/> <xs:enumeration value="22"/> <xs:enumeration value="32"/> <xs:enumeration value="42"/> <xs:enumeration value="52"/> </xs:restriction> </xs:simpleType> </pre>

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element **TractionType**

diagram	<p>The diagram shows a rectangular box labeled "TractionType". Inside the box, the text defines the element and provides a detailed explanation of its values based on the first and second digits.</p>																					
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																					
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>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> </tbody> </table>	Kind	Value	Annotation	enumeration	00		enumeration	01		enumeration	02		enumeration	03		enumeration	04		enumeration	10	
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enumeration	10																					

	enumeration 11 enumeration 12 enumeration 13 enumeration 14 enumeration 20 enumeration 21 enumeration 22 enumeration 23 enumeration 24 enumeration 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34
annotation	<p>documentation</p> <p>Identifies the type of a locomotive: digit: First “0” = not specified “1” = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) “2” = on-board traction power supply for traction without external electrical or other power supply available “3” = hybrid traction (both on-board or electric traction available)</p> <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: digit: First “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:restriction> </xs:simpleType> </pre>

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element **TrainRadioSystem**

diagram	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> TrainRadioSystem </div> <p>The on board radio system of the train in coded format</p>									
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:token									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									
annotation	<p>documentation</p> <p>The on board radio system of the train in coded format</p>									
source	<pre> <xs:element name="TrainRadioSystem"> <xs:annotation> <xs:documentation>The on board radio system of the train in coded format</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:element> </pre>									

element **TrainType**

diagram	<p>TrainType</p> <p>Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:</p> <ul style="list-style-type: none"> 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. Following codes are available: <ul style="list-style-type: none"> 1 - Passenger train 2 - Freight train 3 - Locomotive train 4 - Maintenance train 5 - Emergency train 6 - Mixed train (passenger and freight train in combination) 0 - Other train 																								
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																								
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properties	content simple																								
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>0</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> <tr> <td>enumeration</td> <td>6</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	0		enumeration	1		enumeration	2		enumeration	3		enumeration	4		enumeration	5		enumeration	6	
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	<pre> 1 - Passenger train 2 - Freight train 3 - Locomotive train 4 - Maintenance train 5 - Emergency train 6 - Mixed train (passenger and freight train in combination) 0 - Other train </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <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:restriction> </xs:simpleType> </xs:element> </pre>
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element **TypeOfRemovableAccessories**

diagram	<p>TypeOfRemovableAccessories</p> <p>Specification of removable accessory. Should be added to Code List. 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 ...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
type	restriction of xs:token

properties	content	simple																																																																																													
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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: 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 screen 11 = Ice bunker frame 12 = Ice bunker 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:simpleType> <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:restriction> </xs:simpleType> </pre>

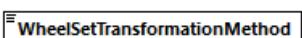
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element **TypeOfUsedHybridPowerunit**

diagram	<p>information about the type of power unit in case of using a hybrid locomotive;</p> <p>List of power unit types:</p> <ul style="list-style-type: none"> 1-electric (pantograph, conductor rail), 2-liquid fuel (benzine, diesel, gasoline), 3-battery... 																											
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
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source	<pre> <xs:element name="TypeOfUsedHybridPowerunit"> <xs:annotation> <xs:documentation>information about the type of power unit in case of using a hybrid locomotive; List of power unit types: 1-electric (pantograph, conductor rail), 2-liquid fuel (benzine, diesel, gasoline), 3-battery, 4-hydrogen </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>electric (pantograph, conductor rail)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>liquid fuel (benzine, diesel, gasoline)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>battery</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>hydrogen</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>
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element **WheelSetTransformationMethod**

diagram	 <p>„Description of the wheel set transformation method for wagons with a changeable wheel set gauge. Code list:</p> <table> <tr> <td>1 =</td> </tr> <tr> <td>Automatic,</td> </tr> <tr> <td>2 = Bogie/a...</td> </tr> </table>	1 =	Automatic,	2 = Bogie/a...						
1 =										
Automatic,										
2 = Bogie/a...										
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:token									
properties	content simple									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>2</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	1		enumeration	2	
Kind	Value	Annotation								
enumeration	1									
enumeration	2									

annotation	documentation	„Description of the wheel set transformation method for wagons with a changeable wheel set gauge. 1 = 2 = Bogie/axle	Code list: Automatic, change
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. Code list: 1 = Automatic, 2 = Bogie/axle </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction> <xs:enumeration> <xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element> </pre>		<base="xs:token"></base="xs:token"> <value="1"></value="1"> , <value="2"></value="2">

simpleType ConsignmentTypeCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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>CIM</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Other</td> <td></td> </tr> </table>	Kind	Value	Annotation	enumeration	CIM		enumeration	Other	
Kind	Value	Annotation								
enumeration	CIM									
enumeration	Other									
annotation	<p>documentation</p> <p>Identifies the type of a waybill.</p> <p>CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF)</p>									
source	<pre> <xs:simpleType name="ConsignmentTypeCode"> <xs:annotation> <xs:documentation>Identifies the type of a waybill. CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF) </xs:documentation> </xs:annotation> <xs:restriction> <xs:enumeration> <xs:enumeration> </xs:restriction> </xs:simpleType> </pre> <base="xs:token"></base="xs:token"> <value="cim"></value="cim"> , <value="other"></value="other">									

simpleType DelayCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	11	
	enumeration	10	
	enumeration	12	
	enumeration	13	
	enumeration	14	
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	enumeration	19	
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	enumeration	69	
	enumeration	71	
	enumeration	80	
	enumeration	81	
	enumeration	82	
	enumeration	83	
	enumeration	84	
	enumeration	89	
	enumeration	90	
	enumeration	91	

	enumeration 92 enumeration 93 enumeration 94 enumeration 95																																																									
annotation	<p>documentation Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C. The first digit in the code has to following meaning:</p> <table> <tr><td>1</td><td>Operational planning, Management</td><td>(IM)</td></tr> <tr><td>2</td><td>Infrastructure installations</td><td>(IM)</td></tr> <tr><td>3</td><td>Civil engineering causes</td><td>(IM)</td></tr> <tr><td>4</td><td>Causes of other IM</td><td>(IM)</td></tr> <tr><td>5</td><td>Commercial causes</td><td>(RU)</td></tr> <tr><td>6</td><td>Rolling stock</td><td>(RU)</td></tr> <tr><td>7</td><td>Causes of other RU</td><td>(RU)</td></tr> <tr><td>8</td><td>External causes</td><td></td></tr> <tr><td>9</td><td>Secondary causes</td><td></td></tr> <tr><td>New codes</td><td></td><td>added:</td></tr> <tr><td>23</td><td>Power supply equipment</td><td></td></tr> <tr><td>58</td><td>Staff</td><td></td></tr> <tr><td>68</td><td>Staff</td><td></td></tr> <tr><td>90</td><td>Dangerous incidents, accidents and hazards</td><td></td></tr> <tr><td>91</td><td>Track occupation caused by the lateness of the same train</td><td></td></tr> <tr><td>92</td><td>Track occupation caused by the lateness of another train</td><td></td></tr> <tr><td>93</td><td>Turn round</td><td></td></tr> <tr><td>94</td><td>Connection</td><td></td></tr> <tr><td>95</td><td>Further investigation needed</td><td></td></tr> </table>	1	Operational planning, Management	(IM)	2	Infrastructure installations	(IM)	3	Civil engineering causes	(IM)	4	Causes of other IM	(IM)	5	Commercial causes	(RU)	6	Rolling stock	(RU)	7	Causes of other RU	(RU)	8	External causes		9	Secondary causes		New codes		added:	23	Power supply equipment		58	Staff		68	Staff		90	Dangerous incidents, accidents and hazards		91	Track occupation caused by the lateness of the same train		92	Track occupation caused by the lateness of another train		93	Turn round		94	Connection		95	Further investigation needed	
1	Operational planning, Management	(IM)																																																								
2	Infrastructure installations	(IM)																																																								
3	Civil engineering causes	(IM)																																																								
4	Causes of other IM	(IM)																																																								
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23	Power supply equipment																																																									
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90	Dangerous incidents, accidents and hazards																																																									
91	Track occupation caused by the lateness of the same train																																																									
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93	Turn round																																																									
94	Connection																																																									
95	Further investigation needed																																																									
source	<pre> <xs:simpleType name="DelayCode"> <xs:annotation> <xs:documentation>Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C. The first digit in the code has to following meaning: 1 Operational planning, Management (IM) 2 Infrastructure installations (IM) 3 Civil engineering causes (IM) 4 Causes of other IM (IM) 5 Commercial causes (RU) 6 Rolling stock (RU) 7 Causes of other RU (RU) 8 External causes 9 Secondary causes New codes added: 23 Power supply equipment 58 Staff 68 Staff 90 Dangerous incidents, accidents and hazards 91 Track occupation caused by the lateness of the same train 92 Track occupation caused by the lateness of another train 93 Turn round 94 Connection 95 Further investigation needed </xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="11"/> <xs:enumeration value="10"/> <xs:enumeration value="12"/> </pre>																																																									

	<pre> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <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="28"/> <xs:enumeration value="29"/> <xs:enumeration value="31"/> <xs:enumeration value="30"/> <xs:enumeration value="32"/> <xs:enumeration value="39"/> <xs:enumeration value="40"/> <xs:enumeration value="41"/> <xs:enumeration value="50"/> <xs:enumeration value="51"/> <xs:enumeration value="52"/> <xs:enumeration value="53"/> <xs:enumeration value="54"/> <xs:enumeration value="58"/> <xs:enumeration value="59"/> <xs:enumeration value="60"/> <xs:enumeration value="61"/> <xs:enumeration value="62"/> <xs:enumeration value="63"/> <xs:enumeration value="64"/> <xs:enumeration value="68"/> <xs:enumeration value="70"/> <xs:enumeration value="69"/> <xs:enumeration value="71"/> <xs:enumeration value="80"/> <xs:enumeration value="81"/> <xs:enumeration value="82"/> <xs:enumeration value="83"/> <xs:enumeration value="84"/> <xs:enumeration value="89"/> <xs:enumeration value="90"/> <xs:enumeration value="91"/> <xs:enumeration value="92"/> <xs:enumeration value="93"/> <xs:enumeration value="94"/> <xs:enumeration value="95"/> </pre>
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simpleType InfoIndex

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:string		
properties	base xs:string		
facets	Kind	Value	Annotation

	enumeration 10 enumeration 20 enumeration 30
annotation	documentation indicates additional information
source	<pre><xs:simpleType name="InfoIndex"> <xs:annotation> <xs:documentation>indicates additional information</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="10"/> <xs:enumeration value="20"/> <xs:enumeration value="30"/> </xs:restriction> </xs:simpleType></pre>

simpleType MessageCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
type	restriction of xs:integer									
properties	base xs:integer									
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>minInclusive</td> <td>1</td> <td></td> </tr> <tr> <td>maxInclusive</td> <td>9999</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	minInclusive	1		maxInclusive	9999	
Kind	Value	Annotation								
minInclusive	1									
maxInclusive	9999									
annotation	documentation Identifies the type of message									
source	<pre><xs:simpleType name="MessageCode"> <xs:annotation> <xs:documentation>Identifies the type of message</xs:documentation> </xs:annotation> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType></pre>									

simpleType RestrictionCodes

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
type	restriction of xs:token																											
properties	base xs:token																											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>07</td> <td></td> </tr> <tr> <td>enumeration</td> <td>08</td> <td></td> </tr> <tr> <td>enumeration</td> <td>09</td> <td></td> </tr> <tr> <td>enumeration</td> <td>11</td> <td></td> </tr> <tr> <td>enumeration</td> <td>12</td> <td></td> </tr> <tr> <td>enumeration</td> <td>13</td> <td></td> </tr> <tr> <td>enumeration</td> <td>14</td> <td></td> </tr> <tr> <td>enumeration</td> <td>15</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	07		enumeration	08		enumeration	09		enumeration	11		enumeration	12		enumeration	13		enumeration	14		enumeration	15	
Kind	Value	Annotation																										
enumeration	07																											
enumeration	08																											
enumeration	09																											
enumeration	11																											
enumeration	12																											
enumeration	13																											
enumeration	14																											
enumeration	15																											

	enumeration	18						
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	enumeration	32						
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	enumeration	35						
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	enumeration	38						
	enumeration	39						
	enumeration	41						
	enumeration	42						
	enumeration	50						
	enumeration	52						
	enumeration	62						
	enumeration	63						
	enumeration	68						
	enumeration	70						
	enumeration	71						
	enumeration	90						
	enumeration	91						
	enumeration	92						
	enumeration	94						
	enumeration	99						
annotation	documentation							
	restrictions for Freight Traffic (cf. UIC 920-13)		and Passengers Traffic	are in the same list.	All codes of Transport			
	P		=	F =	Freight			
	T		=		Passenger			
	D		=		Technical			
	L		=		Damage			
	Code	F or P	Description		Load			
				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	x				

		distance of 17,50 metres	x			
13	F	Bogie wagon with distance between wheels of more than 17,50 metres				
15	F	Wagon not allowed over the hump	x			
16	F	Do not fly shunt or gravity shunt (3 red triangles)	x	x	x	
18	F	Must not use active braking equipment	x			x
25	F	Gas carrying tank wagon with orange side stripe	x			x
30	P (+F)	CCS fault (see CCS coding list)				
31	P (+F)	Braking system fault	x			
32	P (+F)	Wheelset, bogie fault		x		
33	P (+F)	Headlighting or back lighting fault		x		
34	P (+F)	Front glass broken	x			
35	P (+F)	Horn fault		x		
36	P (+F)	Radio fault			x	
37	P (+F)	Energy supply fault				x
38	P (+F)	Traction or motor fault		x		
39	P	Access door fault		x		
41	F	Place this wagon at the front of the train			x	
			x	x	x	

	42	F	Place this wagon at the rear of the train					
	50	x P (+F)	x Speed restriction	x	x			
	52	P (+F)	Diesel locomotive instead of electric locomotive	x	x			
	61	F	Wagon forming part of a consignment of several wagons		x	(X)		F
	62	F	Wagon forming part of a group of wagons from which it must not be separated		x			
	63 one	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned	x	x			
	68	F	First or last wagon of a wagon group from which it must not be separated		x			
	70	F	Shunt with care (1 red triangle)	x				
	71	F	Shunt with special care (2 red triangle)	x	x	x		
	90	x P	Train planned with passengers operated without passengers	x	x	x		
	91	P	Train planned without passengers operated with passengers		x			
	92	P	Train planned with hauled rolling stock and operated without any coaches (light engine)		x			
	94	x F	Gas carrying wagon without orange side stripe	x				
	99	P	Other		x			
			x		x			
source	<pre> <xs:simpleType <xs:annotation> <xs:documentation> name="RestrictionCodes" </xs:documentation> </xs:annotation> <xs:restriction base="string"> <xs:enumeration value="F"/> <xs:enumeration value="P"/> <xs:enumeration value="T"/> <xs:enumeration value="D"/> <xs:enumeration value="L"/> </xs:restriction> </xs:simpleType> </pre> <p>All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list.</p> <p>F = Freight P = Passenger T = Technical D = Damage L = Load</p>							

	Code	F or P Description	T	D	L
07	F	Shunt only when hand brake operable with ground staff			
08	X 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			
15	F	Wagon not allowed over the hump		X	
16	F	Do not fly shunt or gravity shunt (3 red triangles)	X	X	X
18	F	Must not use active braking equipment	X	X	X
25	F	Gas carrying tank wagon with orange side stripe	X		
30	P (+F)	CCS fault (see CCS coding list)	X		
31	P (+F)	Braking system fault	X		
32	P (+F)	Wheelset, bogie fault		X	
33	P (+F)	Headlighting or back lighting fault		X	
34	P (+F)	Front glass broken	X		

			x
35	P (+F)	Horn fault	
36	P (+F)	Radio fault	x
37	P (+F)	Energy supply fault	x
38	P (+F)	Traction or motor fault	x
39	P	Access door fault	x
41	F	Place this wagon at the front of the train	x
42	F	Place this wagon at the rear of the train	x x
50	P (+F)	Speed restriction	x x x
52	P (+F)	Diesel locomotive instead of electric locomotive	x x
61	F	(X) Wagon forming part of a consignment of several wagons	F
62	F	Wagon forming part of a group of wagons from which it must not be separated	x
63	F (+P)	Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one	x 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

	<pre> <xs:enumeration <xs:enumeration </xs:restriction> </xs:simpleType> </pre>	value="94"/> value="99"/>
--	---	--

simpleType RunningStatus

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	00	
	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	
annotation	documentation		
	Identifies the status of a train related to the actual time at the reporting point.		
		Documentation to the existing codes is provided in the table below:	
	00	Not	specified
	01	Arrival	destination
	02	Departure	origin
	03	Intermediate	arrival
	04	Intermediate	departure
	05	Pass	through
	06	NEW CODES: Some IMs are transmitting these codes (6 - 9)	
	07		
	08		
	09		
	10	Not specified for wagon	Starting from 10, the values are only wagon related.
	11	Wagon arrival at its destination by train	
	12	Wagon departure from its station of origin by train	
	13	Wagon arrival at reporting point by train	
	14	Wagon departure from reporting point by train	
	15	Wagon run-through at reporting point by train	
	16	Wagon parked at reporting point	
	17	Wagon shunted at reporting point	
	18	Wagon arrived at reporting point	

	19	Wagon departure from 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. Documentation to the existing codes is provided in the table below: <table> <tr><td>00</td><td>Not</td><td>at</td><td>specified destination</td></tr> <tr><td>01</td><td>Arrival</td><td>at</td><td>origin</td></tr> <tr><td>02</td><td>Departure</td><td>at</td><td>arrival</td></tr> <tr><td>03</td><td>Intermediate</td><td>at</td><td>departure through</td></tr> <tr><td>04</td><td>Intermediate</td><td>at</td><td>specification of the reporting point</td></tr> <tr><td>05</td><td>Pass</td><td>at</td><td>through</td></tr> </table> <tr><td>06</td><td>NEW CODES: Some IMs are transmitting these codes (6 - 9)</td><td></td></tr> <tr><td>07</td><td></td><td></td></tr> <tr><td>08</td><td></td><td></td></tr> <tr><td>09</td><td></td><td></td></tr> <tr><td>10</td><td>Not specified for wagon</td><td>Starting from 10, the values are only wagon related.</td></tr> <tr><td>11</td><td>Wagon arrival at its destination by train</td><td></td></tr> <tr><td>12</td><td>Wagon departure from its station of origin by train</td><td></td></tr> <tr><td>13</td><td>Wagon arrival at reporting point by train</td><td></td></tr> <tr><td>14</td><td>Wagon departure from reporting point by train</td><td></td></tr> <tr><td>15</td><td>Wagon run-through at reporting point by train</td><td></td></tr> <tr><td>16</td><td>Wagon parked at reporting point</td><td></td></tr> <tr><td>17</td><td>Wagon shunted at reporting point</td><td></td></tr> <tr><td>18</td><td>Wagon arrived at reporting point</td><td></td></tr> <tr><td>19</td><td>Wagon departure from reporting point</td><td></td></tr> </xs:documentation> </xs:annotation> <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="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:restriction> </pre>

	</xs:simpleType>
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simpleType TrainCC_SystemCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2		
type	restriction of xs:token		
properties	base xs:token		
facets	Kind	Value	Annotation
	enumeration	01	
	enumeration	02	
	enumeration	03	
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	enumeration	05	
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	enumeration	07	
	enumeration	08	
	enumeration	09	
	enumeration	10	
	enumeration	11	
	enumeration	12	
	enumeration	13	
	enumeration	14	
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	enumeration	16	
	enumeration	17	
	enumeration	18	
	enumeration	19	
	enumeration	20	
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	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	documentation	
	Type	of
	Identifies	the
	command	control
	Train	system
	of	the
	Control	train
	in	coded
	System	values.
	1	ALSN
	2	ASFA
	3	ATB
	4	1st
	5	ATB
	6	Next
	7	Gen
	8	Gen
	9	ATC
	10	ATP
	11	I)
	12	CIR-ELKE
	13	II)
	14	Crocodile
	15	DAAT
	16	EBICAB
	17	700
	18	EBICAB
	19	900
	20	EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA))
	21	ETCS
	22	L1
	23	LS
	24	plus
	25	EuroZUB
	26	ETCS
	27	Level
	28	0
	29	ETCS
	30	1
	31	ETCS
	32	2
	33	ETCS
	34	3
	35	ETCS
	36	Level
	37	NSC
	38	EVM
	39	Indusi
	40	54
	41	R
	42	80
	43	KBS-E
	44	KCVB
	45	KCVP
	46	KVB
	47	KVBP
	48	LS
	49	90
	50	LS
	51	I
	52	LS
	53	III
	54	IV
	55	LZB
	56	Mirel

	42 43 44 45 46 47 48 49 50 51 52 53 54 ZUB	STM STM TBL TBL TVM TVM	NEXTEO PZB PZB90 SCMT SHP SIFA ASFA LZB 1 2 300 430
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	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
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	54	ZUB	</xs:documentation>
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simpleType TypeOfIMHarmonizationCode

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2									
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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>Full</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Part</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	Full		enumeration	Part	
Kind	Value	Annotation								
enumeration	Full									
enumeration	Part									
annotation	documentation Enumeration of Type of IM harmonization: Full, Part									
source	<pre> <xs:simpleType name="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> </xs:restriction> </xs:simpleType> </pre>									

simpleType TypeOfInformationCode

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properties	base xs:integer															
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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)
	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							
	enumeration 43	Preparation of draft offer – accepted documentation							
	enumeration 44	Preparation of draft offer – rejected documentation							
	enumeration 45	Draft offer rejected documentation							
	enumeration 50	Draft no alternative available documentation							
	enumeration 51	activate path (utilisation notification) documentation							
	enumeration 52	deactivate path (utilisation notification) documentation							
	enumeration 53	confirmation of utilisation notification documentation							
	enumeration 65	Path and train cancelled documentation							
	enumeration 66	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:								
01	harmonisation	-			in				process
02	harmonisation				-				accepted
03	harmonisation				-				rejected
04	harmonisation				-				completed
05	path			study					request
06	pre-arranged			path/reserve					capacity
07	create								offer
08	coordination								update
09	draft								offer
10	draft			alternative					offer
11	observation	-			in				process
12	observation			-					complete
13	preparation	of	final	offer	-	in			process
14	preparation	of	final	offer	-				accepted
15	preparation	of	final	offer	-				rejected
16	final								offer
17	final		offer		-				accepted
18	alternative			offer					accepted
19					pre-accepted				offer
20			Final		Offer				rejected
21				no	alternative				available
22									booked
23	-	preparation	of	draft	alternative	offer	is	in	progress
24	-	Preparation	of	draft	offer	offer	-		accepted
25	-	offer/final	offer		rejected			(without	revision)
26	-	alternative	offer		rejected				revision)
27	-	offer/final	offer		rejected			(revision	required)
28	-	alternative	offer		rejected				required)
31	Close								Dossier
30	Create								Dossier
40			Fully	Assembled	Path	(FAP,	constructed	path)	
42	-	Preparation	of	draft	offer	-			accepted
43	-	Preparation	of	draft	offer	-			rejected
44	-		Draft		offer				rejected
45	-	Draft		no		alternative			available
50	activate	path			(utilisation				notification)
51	deactivate	path			(utilisation				notification)
52	confirmation	of			utilisation				notification
53	Path		and		train				cancelled
65	= Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage)								
66	= Booked after route update (used in PathDetailsMessage)								

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: 01 harmonisation - in process 02 harmonisation - accepted 03 harmonisation - rejected 04 harmonisation - completed 05 path study request 06 pre-arranged path/reserve capacity 07 create offer 08 coordination update 09 draft offer 10 draft alternative offer 11 observation - in process 12 observation - complete 13 preparation of final offer - in process 14 preparation of final offer - accepted 15 preparation of final offer - rejected 16 final offer offer 17 final offer - accepted 18 alternative offer accepted 19 - pre-accepted offer 20 - Final Offer rejected 21 - no alternative available 22 booked 23 - preparation of draft alternative offer is in progress 24 - Preparation of draft offer - accepted 25 - offer/final offer rejected (without revision) 26 - alternative offer rejected (without revision) 27 - offer/final offer rejected (revision required) 28 - alternative offer rejected (revision required) 31 Close Dossier 30 Create Dossier 40 Fully Assembled Path (FAP, constructed path) 42 - Preparation of draft offer - accepted 43 - Preparation of draft offer - rejected 44 - Draft offer rejected 45 - Draft no alternative available 50 activate path (utilisation notification) 51 deactivate path (utilisation notification) 52 confirmation of utilisation notification 53 Path and train cancelled 65 = Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) 66 = Booked after route update (used in PathDetailsMessage) </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> </pre>
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simpleType TypeOfRequestCode

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properties	base xs:short															
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Kind	Value	Annotation														
minInclusive	1															
enumeration	1															
enumeration	2															
enumeration	3															
annotation	<p>documentation</p> <p>Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)</p>															
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simpleType TypeOfRUHarmonizationCode

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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>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</p> <p>Type of RU harmonization: Full, Part, None.</p>												
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simpleType UnitType

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																																																																		
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></td></tr> <tr><td>enumeration</td><td>2</td><td></td></tr> <tr><td>enumeration</td><td>4</td><td></td></tr> <tr><td>enumeration</td><td>6</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>40</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> <tr><td>enumeration</td><td>42</td><td></td></tr> <tr><td>enumeration</td><td>43</td><td></td></tr> <tr><td>enumeration</td><td>50</td><td></td></tr> <tr><td>enumeration</td><td>41</td><td></td></tr> </tbody> </table>			Kind	Value	Annotation	enumeration	1		enumeration	2		enumeration	4		enumeration	6		enumeration	10		enumeration	11		enumeration	12		enumeration	13		enumeration	40		enumeration	41		enumeration	42		enumeration	43		enumeration	50		enumeration	41																				
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enumeration	1																																																																		
enumeration	2																																																																		
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enumeration	43																																																																		
enumeration	50																																																																		
enumeration	41																																																																		
annotation	<p>documentation</p> <p>Indicates the type of a Transportation unit.</p> <table> <tbody> <tr><td>1</td><td>Container</td></tr> <tr><td>2</td><td>Other</td><td>intermodal</td><td>traffic</td></tr> <tr><td>4</td><td>Rolling</td><td>road</td><td>(RR)</td></tr> <tr><td>6</td><td>Semi-trailer</td><td>on</td><td>bogies</td></tr> <tr><td>10</td><td>Container</td><td>less</td><td>than</td><td>20'</td></tr> <tr><td>11</td><td>Container</td><td></td><td></td><td>20'</td></tr> <tr><td>12</td><td>Container</td><td></td><td></td><td>30'</td></tr> <tr><td>13</td><td>Container</td><td></td><td></td><td>40'</td></tr> <tr><td>40</td><td>Semi-trailer truck/articulated lorry</td><td></td><td></td><td></td></tr> <tr><td>41</td><td>Road</td><td></td><td>tractor</td><td></td></tr> <tr><td>42</td><td>Lorry</td><td>without</td><td>trailer</td><td></td></tr> <tr><td>43</td><td>Lorry</td><td>with</td><td>trailer</td><td></td></tr> <tr><td>50</td><td>Semi-trailer/road</td><td>semi-trailer</td><td></td><td></td></tr> <tr><td>51</td><td>Swap</td><td></td><td>bodies</td><td></td></tr> </tbody> </table>			1	Container	2	Other	intermodal	traffic	4	Rolling	road	(RR)	6	Semi-trailer	on	bogies	10	Container	less	than	20'	11	Container			20'	12	Container			30'	13	Container			40'	40	Semi-trailer truck/articulated lorry				41	Road		tractor		42	Lorry	without	trailer		43	Lorry	with	trailer		50	Semi-trailer/road	semi-trailer			51	Swap		bodies	
1	Container																																																																		
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4	Rolling	road	(RR)																																																																
6	Semi-trailer	on	bogies																																																																
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40	Semi-trailer truck/articulated lorry																																																																		
41	Road		tractor																																																																
42	Lorry	without	trailer																																																																
43	Lorry	with	trailer																																																																
50	Semi-trailer/road	semi-trailer																																																																	
51	Swap		bodies																																																																

source	<pre> <xs:simpleType name="UnitType"> <xs:annotation> <xs:documentation>Indicates the type of a Transportation unit. 1 Container 2 Other intermodal traffic 4 Rolling road (RR) 6 Semi-trailer on bogies 10 Container less than 20' 11 Container 12 Container 13 Container 40 Semi-trailer truck/articulated lorry 41 Road 42 Lorry without 43 Lorry with 50 Semi-trailer/road semi-trailer 51 Swap </pre> <p style="text-align: right;"></xs:documentation></p> <pre> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="4"/> <xs:enumeration value="6"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="40"/> <xs:enumeration value="41"/> <xs:enumeration value="42"/> <xs:enumeration value="43"/> <xs:enumeration value="50"/> <xs:enumeration value="41"/> </xs:restriction> </xs:simpleType> </pre>
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attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2
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type	restriction of xs:token			
facets	Kind enumeration	Value 0	Annotation documentation	
		Not Defined	documentation	
		not used	documentation	
	enumeration 1	Track	documentation	
		The track is a uniquely defined part of location	documentation	
	enumeration 2	Private Siding	documentation	
		Tracks are not for open access	documentation	
	enumeration 3	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"	documentation	
	enumeration 4	Sorting Code	documentation	
		Destination station of the wagon has a code in order to provide shunting technology.	documentation	
	enumeration 5	Vehicle Parking Points	documentation	
		All points (tracks)	documentation	
	enumeration 6	Public Loading Places	documentation	
		Is a type of physical location on the open access network where consignor or consignee can load or unload wagons	documentation	
	enumeration 7	Private Loading Places	documentation	
		Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons	documentation	
	enumeration 8	IM Path Tariff Point	documentation	
		Price Segment change between two IM Networks.	documentation	
	enumeration 9	Depot / Maintenance	Place for overhaul or maintenance of the rolling stock.	workshop.
	enumeration 10	Switch/turnout	documentation	
		The location where two tracks meet or diverge.	documentation	
	enumeration 11	Grade Crossing	documentation	
		The location where two tracks on the same level cross each other.	documentation	
	enumeration 12	Section of the track	documentation	
		Section is inside of the location considered part of a track.	documentation	
	enumeration 13	Twin track point	documentation	
		The spot where is end or start of the twinned track section.	documentation	

	enumeration 14	documentation Retarder (rail brake) documentation Trackside equipment to control the speed of the wagons running from the shunting hump.
	enumeration 15	documentation Platform documentation The area next to the track which has been raised to make access to railway vehicles easier.
	enumeration 16	documentation Railing documentation barrier Safety equipment used to prevent access to the track by people and animals.
	enumeration 17	documentation Movable scotch block documentation Safety equipment across the track avoiding any unnecessary moving beyond that point.
	enumeration 18	documentation Derailing stop / Trap points / Catch points documentation Safety equipment is on one rail avoiding any unnecessary moving beyond that point.
	enumeration 19	documentation Loading equipment documentation Special equipment to facilitate the loading and unloading on the Public Loading Places.
	enumeration 20	documentation Weighbridge documentation Special equipment is to facilitate the measure of the weight of the wagon.
	enumeration 21	documentation Building documentation Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.
	enumeration 22	documentation Level crossing documentation Place where rail and road crossing in level. on the same level (grade)
	enumeration 23	documentation Bridge documentation Special built structure is over the road
	enumeration 24	documentation Tunnel documentation Structure to to allow a railway line to pass under the surface.
	enumeration 25	documentation Underpass documentation Undercrossing or underground passage under the railway track. (Not used by trains)
	enumeration 26	documentation Block section documentation Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.
	enumeration 27	documentation Signal documentation A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers.
	enumeration 28	documentation Sign and board documentation Equipment to inform the board staff for train traffic and shunting.

	enumeration 29	documentation Phase break documentation Border of the power supply systems (catenary).
	enumeration 30	documentation Leap in kilometer documentation The section has deviation in length i. e. the section more or less than called.
	enumeration 32	documentation Balise documentation A balise is an electronic beacon or transponder placed between the rails of a railway as part of an Automatic Train Protection (ATP) system.
	enumeration 33	documentation Hot spot detector documentation Trackside equipment which detects hot wheels or axle-box on passing trains.
	enumeration 34	documentation Flat wheel detector documentation Trackside equipment which detects flat spots on wheels on passing trains.
	enumeration 35	documentation Dynamic wheel load documentation detector Special equipment is in trackside for inspect of the overloaded wagons.
	enumeration 36	documentation Freight yard documentation 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
	enumeration 40	documentation Metastation documentation To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)
	enumeration 41	documentation CompanySpecificIdentifier documentation Company specific identifier of the primary location
	enumeration 42	documentation DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) – consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37).
	enumeration 43	documentation Passengers cars public loadingIs a type of physical location on the open access network where passengers can put their car on a train carrying

	enumeration 44	documentation					
			Passengers cars private loading		Is a		
		type of physical location outside the open access network where passengers can put their car	on	a	carrying	train	
	enumeration 45	documentation					
		-	disposal	Sewage dump of	Place for cleaning purposes the	waste	
	enumeration 46	documentation			Refuelling Point	Location where refuelling place	
		takes					
	enumeration 47	documentation			Mains Supply for the rolling	Location where energy stock e.g. preheating	
		supply can be provided					
	enumeration 48	documentation			Water Supply for	Location where water stock	
		supply can be provided					
	enumeration 49	documentation			Compressed plant air supply	Train on a track with braking systems	
		motion stabled with external					
	enumeration 50	documentation			Indoor cleaning platform	Cleaning point -	
		interior					
	enumeration 51	documentation			Car-wash plant	Cleaning point -outdoor	
	enumeration 52	documentation			Short dry-cleaning track	Cleaning point	
	enumeration 53	documentation			Pollution protective plate of the	Track earth	where below
		floor that avoids					
	enumeration 54	documentation			Sand-filling station	Location where sand is	
		filled					
	enumeration 55	documentation			Repair track can	Location be	where a repaired
		train/wagon/engine					

	enumeration 56	documentation containing	Signal box signalling	The location of a building equipment
	enumeration 57	documentation Intermodal Terminal documentation Intermodal Terminal is a location which provides the space, equipment and operational environment under which the transfer of loading units (freight containers, swap bodies, semi-trailers or trailers) takes place		
	enumeration 58	documentation OSJD system based location documentation		
	enumeration 59	Location code used within OSJD documentation Train Service Substitute Stop documentation		
	enumeration 60	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. documentation Multifunctional rail terminal documentation		
	enumeration 61	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. documentation Relief facility documentation		
	enumeration 66	Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location. documentation Location ENEE Code documentation		
	enumeration 70	Legacy ENEE code of the parent primary location. Different coding of primary location. documentation Network Border documentation		
	enumeration 71	Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location. documentation State border documentation		
	enumeration 72	Political border between two member states. Attribute of primary location. documentation Administrative border documentation		
	enumeration 74	Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location. documentation Operational handover documentation		
	enumeration 75	Location where the responsibility for operation changes or can change between two involved IMs. Attribute of primary location. documentation Planning handover documentation		
	enumeration 76	Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location. documentation Other technical facility documentation		

	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. enumeration 90 documentation enumeration 99 documentation Relation to Station documentation An indicator used to show that this location is a subsidiary of another location.
annotation	documentation New codes added: 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). 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 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 45 Sewage dump Place for cleaning purposes - disposal of the waste 46 Refuelling Point Location where refuelling takes place 47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48 Water Supply Location where water supply can be provided for the rolling stock 49 Compressed plant Train on a track with motion stabled with external air supply for braking systems 50 Indoor cleaning platform Cleaning point -interior 51 Car-wash plant Cleaning point -outdoor 52 Short dry-cleaning track Cleaning point 53 Pollution protective plate Track where floor that avoids pollution of the earth below 54 Sand-filling station Location where sand is filled 55 Repair track Location where a train/wagon/engine can be repaired 56 Signal box The location of a building containing signalling equipment 58 OSJD system based location 59 Train Service Substitute Stop 60 Multifunctional rail terminal 61 Relief facility 70 Network Border 71 State border 72 Administrative border 74 Operational handover 75 Planning handover 76 Other technical facility
source	<xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation> New codes added: 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). 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 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 45 Sewage dump Place for cleaning purposes - disposal of the waste 46 Refuelling Point Location where refuelling takes place 47 Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating 48 Water Supply Location where water supply can be provided for the rolling stock

49	Compressed air	Train on a track with motion stabled with external supply for braking systems	
50	Indoor cleaning platform	Cleaning point	-interior
51	Car-wash plant	Cleaning point	-outdoor
52	Short dry-cleaning track	Cleaning point	
53	Pollution protective plate	Track where floor that avoids pollution of the earth	below
54	Sand-filling station	Location where sand is filled	
55	Repair track	Location where a train/wagon/engine can be repaired	
56	Signal box	The location of a building containing signalling equipment	
58	OSJD	system based	location
59		Train Service Substitute	Stop
60		Multifunctional rail	terminal
61		Relief	facility
70		Network	Border
71		State	border
72		Administrative	border
74		Operational	handover
75		Planning	handover
76		Other technical	facility
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		Location of these points sometimes are not geographically same with the station or	
		yard. Therefore these points are "logical point"	
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	<pre> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Building</xs:documentation> <xs:documentation>Those buildings where IM placed his staff for direct communication with RU staff or the IM buildings serve RU activities as well.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation> <xs:documentation>Level crossing</xs:documentation> <xs:documentation>Place where rail and road crossing in level. on the same level (grade)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="23"> <xs:annotation> <xs:documentation>Bridge</xs:documentation> <xs:documentation>Special built structure is over the road</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="24"> <xs:annotation> <xs:documentation>Tunnel</xs:documentation> <xs:documentation>Structure to allow a railway line to pass under surface.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>Underpass</xs:documentation> <xs:documentation>Undercrossing or underground passage under the railway track. (Not used by trains)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>Block section</xs:documentation> <xs:documentation>Block section outside of the location with primary code. In other words: a section on the open track between stations defined by signalling system.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation>Signal</xs:documentation> <xs:documentation>A signal is a mechanical or electrical device erected beside a railway line to pass information relating to the state of the line ahead to train drivers/engineers.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="28"> <xs:annotation> <xs:documentation>Sign and board</xs:documentation> <xs:documentation>Equipment to inform the board staff for train traffic and shunting.</xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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	<pre> yard.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="38"> <xs:annotation> <xs:documentation>IM Network link</xs:documentation> <xs:documentation>It allows to link two locations from different IM Networks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="39"> <xs:annotation> <xs:documentation>Reservation code</xs:documentation> <xs:documentation/> </xs:annotation> </xs:enumeration> <xs:enumeration value="40"> <xs:annotation> <xs:documentation>Metastation</xs:documentation> <xs:documentation>To mark a meta location that forms the link between different stations that are considered as equal (for the traveller)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="41"> <xs:annotation> <xs:documentation>CompanySpecificIdentifier</xs:documentation> <xs:documentation>Company specific identifier of the primary location</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="42"> <xs:annotation> <xs:documentation> DIUM stations - Places of acceptance/delivery Station open into international traffic of goods (tariff point included in DIUM) - consignment acceptance/delivery station (loading points are excluded and covered by TypeCode 37). </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="43"> <xs:annotation> <xs:documentation> Passengers cars public loading Is a type of physical location on the open access network where passengers can put their car on a carrying train </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="44"> <xs:annotation> <xs:documentation> Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train </xs:documentation> </xs:annotation> </xs:enumeration> </pre>
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	<p>Short dry-cleaning track Cleaning point</p> <p><code></xs:annotation></code></p> <p><code></xs:enumeration></code></p> <p><code><xs:enumeration value="53"></code></p> <p><code><xs:annotation></code></p> <p><code><xs:documentation></code></p> <p>pollution protective plateTrack where floor that</p> <p>avoids of the earth below</p> <p><code></xs:annotation></code></p> <p><code></xs:enumeration></code></p> <p><code><xs:enumeration value="54"></code></p> <p><code><xs:annotation></code></p> <p><code><xs:documentation></code></p> <p>Sand-filling station Location where sand is</p> <p>filled</p> <p><code></xs:annotation></code></p> <p><code></xs:enumeration></code></p> <p><code><xs:enumeration value="55"></code></p> <p><code><xs:annotation></code></p> <p><code><xs:documentation></code></p> <p>Repair track Location where a train/wagon/engine</p> <p>can be repaired</p> <p><code></xs:annotation></code></p> <p><code></xs:enumeration></code></p> <p><code><xs:enumeration value="56"></code></p> <p><code><xs:annotation></code></p> <p><code><xs:documentation></code></p> <p>Signal box The location of a building containing</p> <p>signalling equipment</p> <p><code></xs:annotation></code></p> <p><code></xs:enumeration></code></p> <p><code><xs:enumeration value="57"></code></p> <p><code><xs:annotation></code></p> <p><code><xs:documentation></code>Intermodal Terminal</p> <p><code><xs:documentation></code> Intermodal Terminal is a location which provides</p> <p>the space, equipment and operational environment under which the transfer of</p> <p>loading units (freight containers, swap bodies, semi-trailers or trailers)</p> <p>takes place</p> <p><code></xs:annotation></code></p> <p><code></xs:enumeration></code></p> <p><code><xs:enumeration value="58"></code></p> <p><code><xs:annotation></code></p> <p><code><xs:documentation></code>OSJD system based location</p> <p><code><xs:documentation></code>Location code used within OSJD</p> <p><code></xs:annotation></code></p> <p><code></xs:enumeration></code></p> <p><code><xs:enumeration value="59"></code></p> <p><code><xs:annotation></code></p> <p><code><xs:documentation></code>Train Service Substitute Stop</p> <p><code><xs:documentation></code>Place outside of railway station or railway stop,</p> <p>where passengers board or leave bus or any other transport mean as substitution</p> <p>of train service. Physical part of Primary Location.</p> <p><code></xs:annotation></code></p>
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attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.2																											
type	restriction of xs:token																											
facets	<table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>PLA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>PLD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ELA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ELD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LLA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>LLD</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ALA</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ALD</td> <td></td> </tr> </tbody> </table>	Kind	Value	Annotation	enumeration	PLA		enumeration	PLD		enumeration	ELA		enumeration	ELD		enumeration	LLA		enumeration	LLD		enumeration	ALA		enumeration	ALD	
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	ALD = Actual Location Departure LLD = Latest Location Departure
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