EUROPEAN UNION AGENCY FOR RAILWAYS

Making the railway system
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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
3.0.0	15.06.2021	Validated by the ERA TAF CCB on 26.05.2021
3.1.0	15.12.2021	Validated by the ERA TAF CCB on 24.11.2021
3.2.0	15.06.2022	Validated by the ERA TAF CCB on 01.06.2022
3.3.0	15.12.2022	Validated by the ERA TAF CCB on 30.11.2022

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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:	**taf_cat_complete.xsd**
attributeFormDefault:	**unqualified**
elementFormDefault:	**qualified**
targetNamespace:	**http://www.era.europa.eu/schemes/TAFTSI/3.3**

Elements	Complex types	Simple types	Attributes
ActualEndDateTime	CargoCodeType	CommunicationRefID	CI_InstanceNumber
ActualETA	CompositIdentifierOperationalType	CompanyCode	
ActualETI	CompositIdentifierPlannedType	CountryIdentISO	
AdditionalInstruction	ConsignmentIdent	CurrencyCode_Type	
Address	CustomerCode	DeltaTime	
AdministrativeContactInformation	DanGoodsType	DerailmentDetectionDevice	
AffectedLocation	DimensionValue	EquipmentNumberType	
AffectedSection	LocationIdent	EquipmentTypeType	
AgainstBooked	TrainActivityType	ForwardingRestrictionType	
AgainstReferenced	WagonTelematics	FreeText	

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

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

LocoNumber
LocoTypeNumber
Longitude
MaxAxleWeight
MaxDesignSpeed
MaxGrossWeight
MaxLengthOfLoad
MaxTemp
Measure
MessageDateTimeCreated
MessageHeader
MessageIdentifier
MessageReference
MessageRoutingID
MessageType
MessageTypeVersion
MinBrakedWeightPercent
MinCurveRadius
MinTemp
MinVerticalRadiusYardHump
ModificationReason
ModificationStatusIndicator
Name
NetworkProjectedLocation
NetworkSpecificParameter
NextIntermediateDestination
NextResponsibleRU
NHM_Code
Noise
NoiseByPassLimit
Notes
NumberOfAxles
NumberOfBogies
NumberOfVehicles
ObjectType
Offset
OffsetToReference
OnDemandPath
OperationalTrainCouplingStrength
OperationalTrainNumber
OperationalTrainNumberIdentifier
OriginCountry
OverhaulValidityPeriod
ParkingBrakeForce
PassengerFlag
PathCanceledMessage
PathConfirmedMessage
PathDetailsMessage

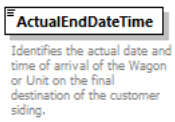
PathDetailsRefusedMessage
PathInformation
PathNotAvailableMessage
PathRequestMessage
PermittedTolerance
PhoneNumber
PickupTimeAtLocation
PlannedCalendar
PlannedDateNextOverhaul
PlannedJourneyLocation
PlannedSpeed
PlannedTrainData
PlannedTrainTechnicalData
PlannedTransportIdentifiers
PostalCode
PreArrangedPath
PreviousConsignmentNumber
PreviousResponsibleRU
PrimaryLocationName
ProductionStation
PushPullTrain
Quantity
ReceiptConfirmationMessage
Recipient
ReferencedLocationDateTime
ReferenceNumbers
ReferenceOTN
ReferenceTrainIDSubCalendar
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
StatusOfDocument
SummaryOFGoodsWithSameRID
TechnicalForwardingRestrictions
TiltingFunction
TimetableYear
TimingAtLocation
TotalLoadWeight
TotalWeight
TractionDetails
TractionPositionInTrain
TractionWeight
TrafficType
TrainActivity
TrainActivityType
TrainAtLocation
TrainCC_System
TrainCompositionJourneySection
TrainCompositionMessage
TrainContactDetails
TrainDelay
TrainDelayCauseMessage
TrainForecastAtReportingLocationMessage
TrainID
TrainInformation
TrainJourneyModification
TrainJourneyModificationIndicator
TrainJourneyModificationMessage
TrainJourneyModificationTime
TrainJourneyStartTime

TrainLength
TrainLocationReport
TrainLocationStatus
TrainMaxSpeed
TrainNotAtInterruptionPoint
TrainOperationalIdentification
TrainReadyMessage
TrainReadyStatus
TrainRunningData
TrainRunningForecastMessage
TrainRunningInformationMessage
TrainRunningInterruptionMessage
TrainRunningTechData
TrainStartTime
TrainWeight
TransfereeIM
TransferPoint
TransportInstruction
TransportOperationalIdentifiers
TypeOfIMHarmonization
TypeOfInformation
TypeOfRequest
TypeOfRUHarmonization
TypeofService
UltimateDestinationCountry
UN_Number
ValidityPeriod
Value
Variant
VesselIndication
VesselName
Volume
WagonArrivalNoticeMessage
WagonAtDeparture
WagonData
WagonDeliveryNoticeMessage
WagonDepartureNoticeMessage
WagonDeviationMessage
WagonETI_ETA_Message
WagonEventInformation
WagonExceptionMessage
WagonExceptionReasonMessage
WagonExceptionReport
WagonInformation
WagonLength
WagonLocationStatus
WagonMaxSpeed
WagonNumberFreight

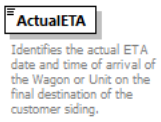
WagonNumberOfAxles
WagonOperationalData
WagonPickupAtOrigin
WagonReleaseNoticeMessage
Wagons
WagonTechData
WagonTrainPosition
WagonWeightEmpty
WagonYardArrivalMessage
WagonYardDepartureMessage
WeightOfSetOfCarriages
WheelDiameter
WheelsetGauge
Width
WIMO_Dataset
YardArrival
YardDeparture

element **ActualEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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.

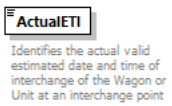
source	`<xs:element name="ActualEndDateTime" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies the actual date and time of arrival of the Wagon or Unit on the final destination of the customer siding.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **ActualETA**

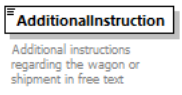
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple

used by	element **AlertMessage**
annotation	documentation Identifies the actual ETA date and time of arrival of the Wagon or Unit on the final destination of the customer siding.
source	<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>

element **ActualETI**

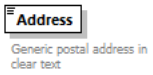
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **WagonDeviationMessage**
annotation	documentation Identifies the actual valid estimated date and time of interchange of the Wagon or Unit at an interchange point
source	<xs:element 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>

element **AdditionalInstruction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="AdditionalInstruction" type="FreeText"> <xs:annotation> <xs:documentation>Additional instructions regarding the wagon or shipment in free text</xs:documentation> </xs:annotation>

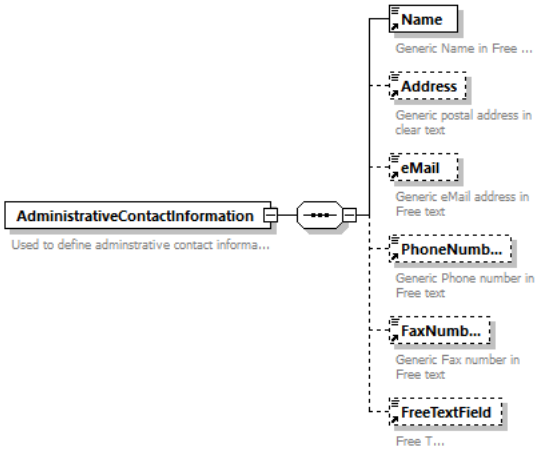
	`</xs:element>`

element **Address**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	element **AdministrativeContactInformation**
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic postal address in clear text

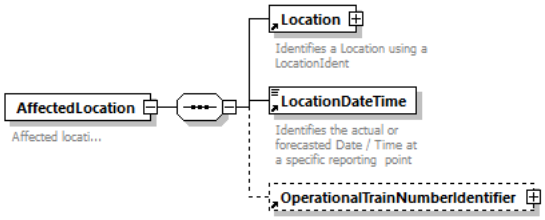
source	`<xs:element name="Address" type="FreeText">`
	`  <xs:annotation>`
	`  <xs:documentation>Generic postal address in clear text</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **AdministrativeContactInformation**

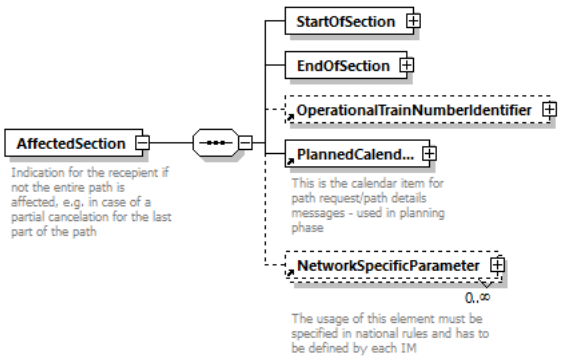
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Name Address eMail PhoneNumber FaxNumber FreeTextField**
used by	elements **Customers ErrorMessage LoadingFacility PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage**
annotation	documentation Used to define adminstrative contact information
source	`<xs:element name="AdministrativeContactInformation">` `  <xs:annotation>`

```
    <xs:documentation>Used to define adminstrative contact
information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Name"/>
      <xs:element ref="Address" minOccurs="0"/>
      <xs:element ref="eMail" minOccurs="0"/>
      <xs:element ref="PhoneNumber" minOccurs="0"/>
      <xs:element ref="FaxNumber" minOccurs="0"/>
      <xs:element ref="FreeTextField" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **AffectedLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **LocationDateTime** **OperationalTrainNumberIdentifier**
used by	element **ReceiptConfirmationMessage**
annotation	documentation Affected location
source	<xs:element name="AffectedLocation"> <xs:annotation> <xs:documentation>Affected location </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="LocationDateTime"/> <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element>

element **AffectedSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	StartOfSection EndOfSection OperationalTrainNumberIdentifier PlannedCalendar NetworkSpecificParameter
used by	elements PathCanceledMessage PathConfirmedMessage PathDetailsRefusedMessage PathNotAvailableMessage ReceiptConfirmationMessage
annotation	documentation Indication for the recepient if not the entire path is affected, e.g. in case of a partial cancelation for the last part of the path

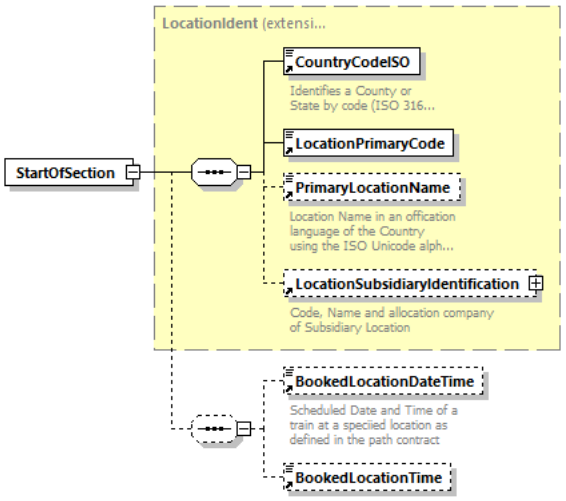
source

```
<xs:element name="AffectedSection">
  <xs:annotation>
    <xs:documentation>Indication for the recepient if not the entire path is
affected, e.g. in case of a partial cancelation for the last part of the
path</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="StartOfSection">
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent">
              <xs:sequence minOccurs="0">
                <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
                <xs:element ref="BookedLocationTime" minOccurs="0"/>
              </xs:sequence>
            </xs:extension>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="EndOfSection">
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent">
              <xs:sequence minOccurs="0">
                <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
                <xs:element ref="BookedLocationTime" minOccurs="0"/>
              </xs:sequence>
            </xs:extension>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element ref="OperationalTrainNumberIdentifier" minOccurs="0"/>
      <xs:element ref="PlannedCalendar"/>
```

```
      <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **AffectedSection/StartOfSection**

diagram

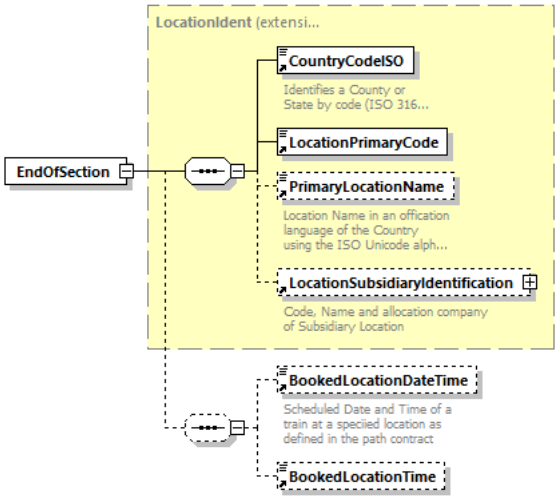


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification** **BookedLocationDateTime** **BookedLocationTime**

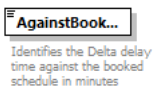
source

```
<xs:element name="StartOfSection">
  <xs:complexType>
    <xs:complexContent>
      <xs:extension base="LocationIdent">
        <xs:sequence minOccurs="0">
          <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
          <xs:element ref="BookedLocationTime" minOccurs="0"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
</xs:element>
```

element **AffectedSection/EndOfSection**

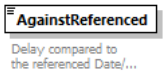
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification** **BookedLocationDateTime** **BookedLocationTime**
source	<xs:element 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>

element **AgainstBooked**

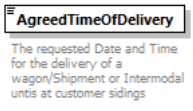
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**DeltaTime**
properties	content simple
used by	element **TrainDelay**
facets	Kind Value Annotation length 5
annotation	documentation Identifies the Delta delay time against the booked schedule in minutes
source	<xs:element name="AgainstBooked" type="DeltaTime"> <xs:annotation>

```
    <xs:documentation>Identifies the Delta delay time against the booked schedule in minutes</xs:documentation>
  </xs:annotation>
</xs:element>
```

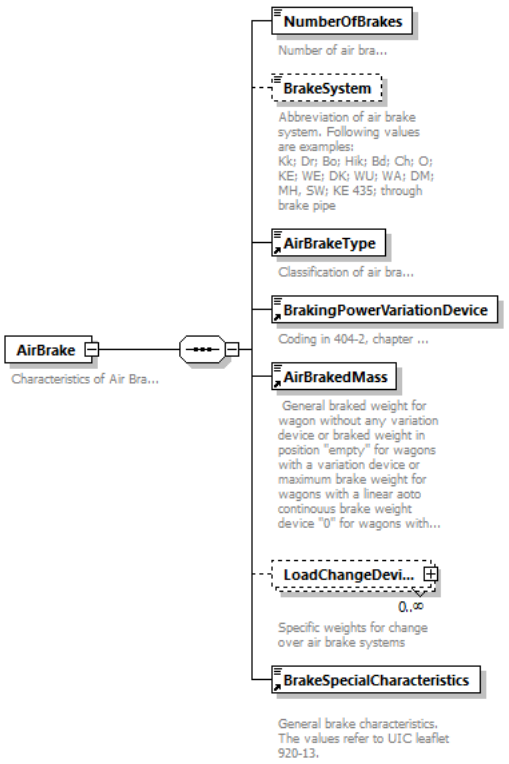

element **AgainstReferenced**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="AgainstReferenced" type="DeltaTime">   <xs:annotation>   <xs:documentation>Delay compared to the referenced Date/Time</xs:documentation>   </xs:annotation> </xs:element>`

element **AgreedTimeOfDelivery**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 untis at customer sidings
source	`<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 untis at customer sidings</xs:documentation>   </xs:annotation> </xs:element>`

element **AirBrake**

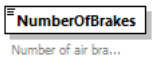
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	NumberOfBrakes BrakeSystem **AirBrakeType BrakingPowerVariationDevice** AirBrakedMass LoadChangeDevice **BrakeSpecialCharacteristics**
used by	element RollingStockDataset/DesignDataSet
annotation	documentation Characteristics of Air Brakes

source

```
<xs:element name="AirBrake">
  <xs:annotation>
    <xs:documentation>Characteristics of Air Brakes</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberOfBrakes" type="Numeric2-2">
        <xs:annotation>
          <xs:documentation>Number of air brakes</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="BrakeSystem" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Abbreviation of air brake system. Following
values are examples:
Kk; Dr; Bo; Hik; Bd; Ch; O; KE; WE; DK; WU; WA; DM; MH, SW; KE 435; through
brake pipe</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
```

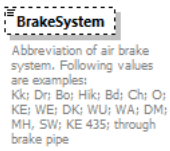
```
        </xs:simpleType>
      </xs:element>
      <xs:element ref="AirBrakeType"/>
      <xs:element ref="BrakingPowerVariationDevice"/>
      <xs:element ref="AirBrakedMass">
        <xs:annotation>
          <xs:documentation> General braked weight for wagon without any
variation device or braked weight in position "empty" for wagons with a
variation device or maximum brake weight for wagons with a linear aoto
continouus brake weight device "0" for wagons without brake system (in
tonns)</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
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>
      <xs:element ref="BrakeSpecialCharacteristics"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **AirBrake/NumberOfBrakes**

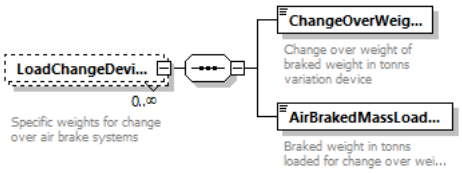
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric2-2**
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Number of air brakes

source	<xs:element name="NumberOfBrakes" type="Numeric2-2"> <xs:annotation> <xs:documentation>Number of air brakes</xs:documentation> </xs:annotation> </xs:element>

element **AirBrake/BrakeSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	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
source	<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>

element **AirBrake/LoadChangeDevice**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc unbounded content complex
children	**ChangeOverWeight AirBrakedMassLoaded**
annotation	documentation Specific weights for change over air brake systems

source

```
<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>
```

element **AirBrake/LoadChangeDevice/ChangeOverWeight**

diagram

namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

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**

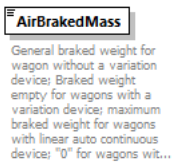
diagram

namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

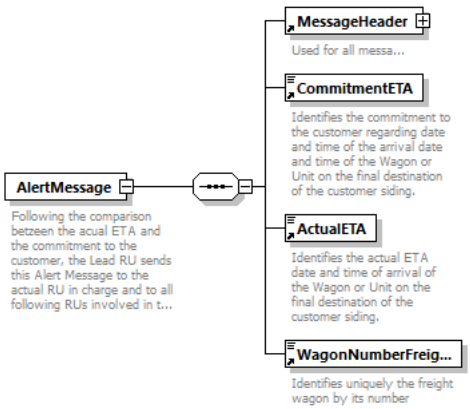
type: **Numeric3-3**

properties	content simple
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Braked weight in tonns loaded for change over weight
source	<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>

element **AirBrakedMass**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **AlertMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **CommitmentETA** **ActualETA** **WagonNumberFreight**
annotation	documentation Following the comparison betzeen the acual 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

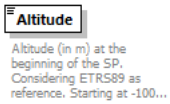
source	`<xs:element name="AlertMessage">`
	`<xs:annotation>`
	`<xs:documentation>Following the comparison betzeen the acual ETA and the commitment to the customer, the Lead RU sends this Alert Message to the actual RU in charge and to all following RUs involved in the transport chain</xs:documentation>`
	`</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>`

element **AllocationCompany**

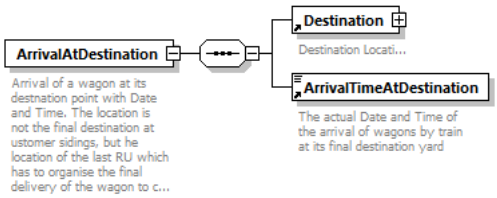
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	elements **LocationSubsidiaryIdentification** **LocationSubsidiaryInformation**
facets	Kind / Value / Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}

annotation	documentation Name of company who is responsible for allocation and maintenance of codes
source	<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>

element **Altitude**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

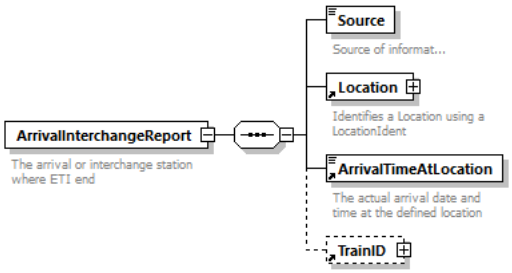
element **ArrivalAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Destination** **ArrivalTimeAtDestination**
used by	element **WagonArrivalNoticeMessage**
annotation	documentation Arrival of a wagon at its destnation point with Date and Time. The location is not the final destination at ustomer sidings, but he location of the last RU which has to organise the final delivery of the wagon to customer sidings
source	<xs:element name="ArrivalAtDestination"> <xs:annotation> <xs:documentation>Arrival of a wagon at its destnation point with Date and Time. The location is not the final destination at ustomer sidings, but he 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>
```

element **ArrivalInterchangeReport**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

children: **Source** **Location** **ArrivalTimeAtLocation** **TrainID**

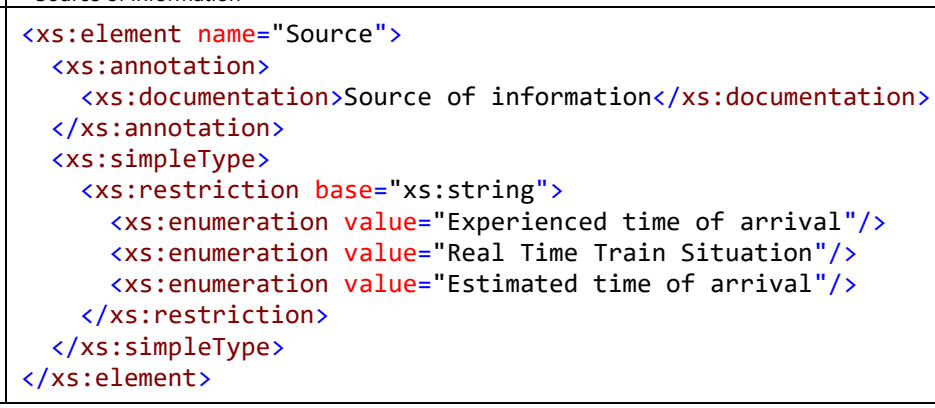
used by: element **WagonETI_ETA_Message**

annotation: documentation
The arrival or interchange station where ETI end

source

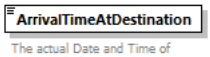
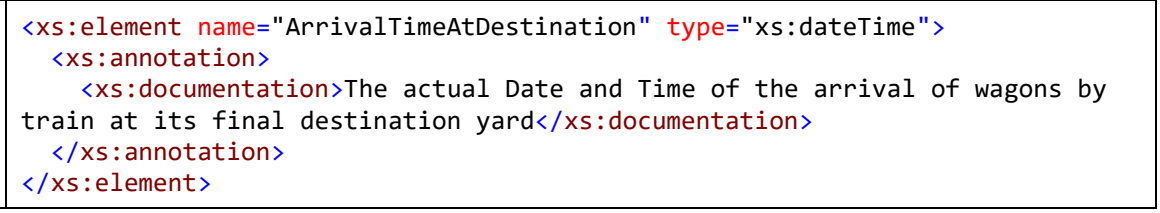
```
<xs:element name="ArrivalInterchangeReport">
  <xs:annotation>
    <xs:documentation>The arrival or interchange station where ETI
end</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Source">
        <xs:annotation>
          <xs:documentation>Source 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>
```

element **ArrivalInterchangeReport/Source**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind / Value / Annotation enumeration: Experienced time of arrival enumeration: Real Time Train Situation enumeration: Estimated time of arrival
annotation	documentation Source of information
source	

```
<xs:element name="Source">
  <xs:annotation>
    <xs:documentation>Source of information</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Experienced time of arrival"/>
      <xs:enumeration value="Real Time Train Situation"/>
      <xs:enumeration value="Estimated time of arrival"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ArrivalTimeAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	

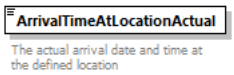
```
<xs:element name="ArrivalTimeAtDestination" type="xs:dateTime">
  <xs:annotation>
    <xs:documentation>The actual Date and Time of the arrival of wagons by
train at its final destination yard</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ArrivalTimeAtLocation**

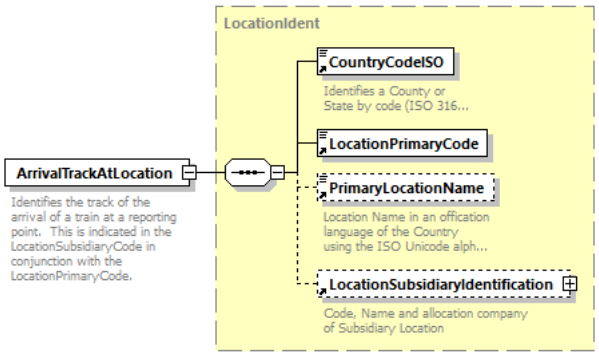
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **ArrivalInterchangeReport**
annotation	documentation The actual arrival date and time at the defined location
source	<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>

element **ArrivalTimeAtLocationActual**

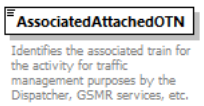
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **YardArrival**
annotation	documentation The actual arrival date and time at the defined location
source	<xs:element name="ArrivalTimeAtLocationActual" type="xs:dateTime"> <xs:annotation> <xs:documentation>The actual arrival date and time at the defined location</xs:documentation> </xs:annotation> </xs:element>

element **ArrivalTrackAtLocation**

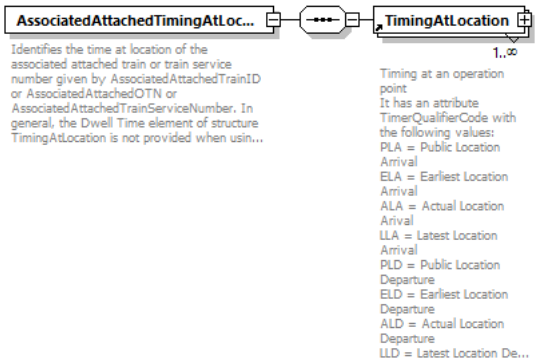
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex

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	<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>

element **AssociatedAttachedOTN**

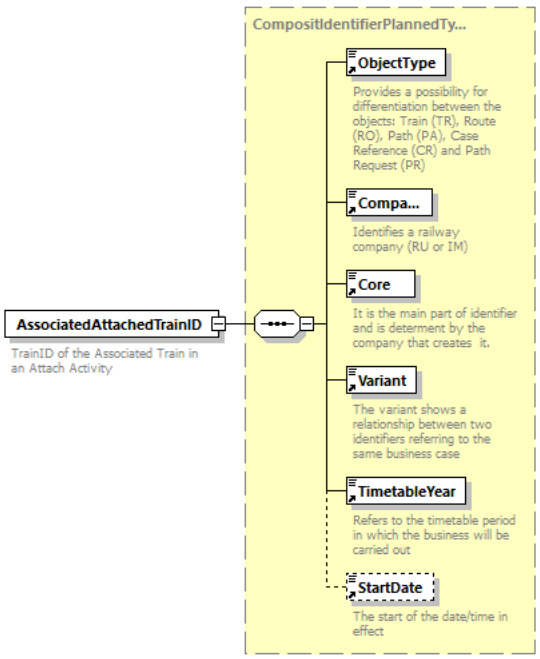
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	String1-8
properties	content simple
used by	complexType TrainActivityType
facets	Kind Value Annotation minLength 1 maxLength 8
annotation	documentation Identifies the associated train for the activity for traffic management purposes by the Dispatcher, GSMR services, etc.
source	<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>

element **AssociatedAttachedTimingAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

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	`<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>`

element **AssociatedAttachedTrainID**

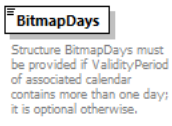
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompositIdentifierPlannedType**
properties	content complex
children	**ObjectType Company Core Variant TimetableYear StartDate**
used by	complexType **TrainActivityType**

annotation	documentation TrainID of the Associated Train in an Attach Activity
source	<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>

element **AssociatedAttachedTrainServiceNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**String1-8**
properties	content simple
used by	complexType **TrainActivityType**
facets	Kind Value Annotation minLength 1 maxLength 8
annotation	documentation Identifies the associated train service line number for the train activity connecting service
source	<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>

element **BitmapDays**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	elements **PlannedCalendar** **ReferenceTrainIDSubCalendar** **RequestedCalendar**
facets	Kind Value Annotation minLength 1 maxLength 740 whiteSpace collapse pattern [0-1]{1,740}
annotation	documentation Structure BitmapDays must be provided if ValidityPeriod of associated calendar contains more than one day; it is optional otherwise.

source

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

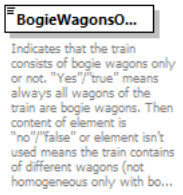
element **BogiePitch**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Bogie Wheelbase measured in mm

source

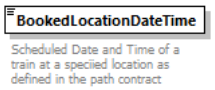
```
<xs:element name="BogiePitch">
  <xs:annotation>
    <xs:documentation>Bogie Wheelbase measured in mm</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="99999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **BogieWagonsOnly**

diagram	

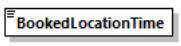
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
used by	element **PlannedTrainTechnicalData**
annotation	documentation Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. 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	`<xs:element name="BogieWagonsOnly" type="xs:boolean">` `  <xs:annotation>` ` <xs:documentation>Indicates that the train consists of bogie wagons only or not. "Yes"/"true" means always all wagons of the train are bogie wagons. Then content of element is "no"/"false" or element isn't used means the train contains of different wagons (not homogeneous only with bogie wagons).</xs:documentation>` ` </xs:annotation>` `</xs:element>`

element **BookedLocationDateTime**

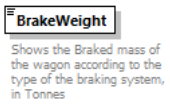
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	elements **ChangeofTrackMessage DelayEventReport AffectedSection/EndOfSection InterruptionPoint JourneySectionDestination JourneySectionOrigin LocationModified AffectedSection/StartOfSection TimingAtLocation/Timing TrainAtLocation TrainLocationReport**
annotation	documentation Scheduled Date and Time of a train at a speciied location as defined in the path contract

source	`<xs:element name="BookedLocationDateTime" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>Scheduled Date and Time of a train at a speciied location as defined in the path contract</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **BookedLocationTime**

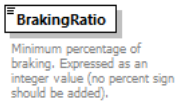
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:time**
properties	content simple
used by	elements **AffectedSection/EndOfSection AffectedSection/StartOfSection**
source	`<xs:element name="BookedLocationTime" type="xs:time"/>`

element **BrakeWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **BrakingRatio**

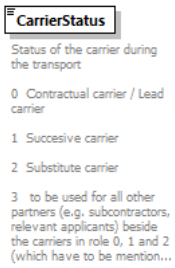
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **PlannedTrainTechnicalData**
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Minimum percentage of braking. Expressed as an integer value (no percent sign should be added).

source	`<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>
```

element **CarrierStatus**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:token**

properties: content simple

used by: element **ConsignmentOrderMessage/COMS/COM/Carriers**

facets

Kind	Value	Annotation
enumeration	0	documentation: 0: Contractual carrier
enumeration	1	documentation: 1: Successive carrier
enumeration	2	documentation: 2: Substitute carrier
enumeration	3	documentation: 3: to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)

annotation

documentation

Status of the carrier during the transport

0 Contractual carrier / Lead carrier
1 Succesive carrier
2 Substitute carrier
3 to be used for all other partners (e.g. subcontractors, relevant applicants) beside the carriers in role 0, 1 and 2 (which have to be mentioned in the consignment note)

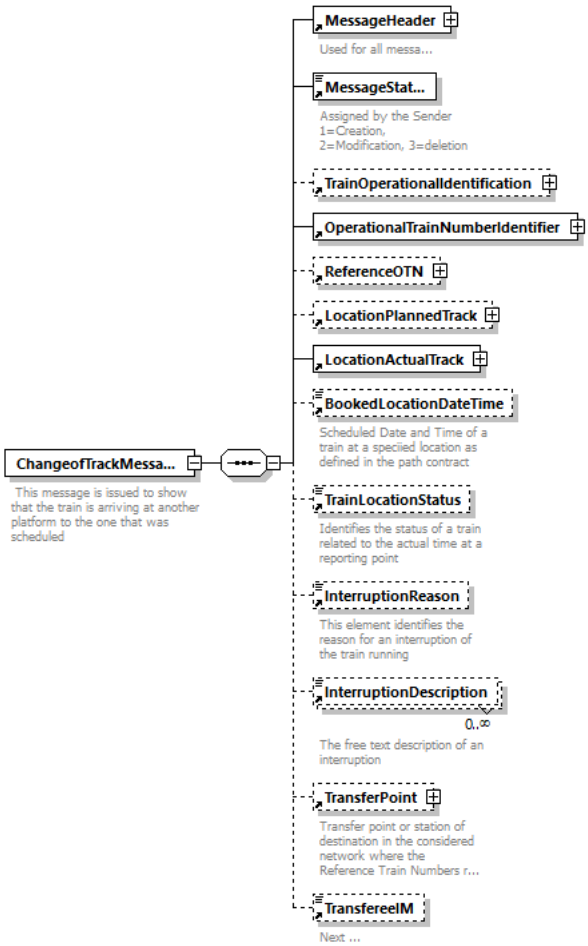
source

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

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

element **ChangeofTrackMessage**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

properties	content complex
children	**MessageHeader** **MessageStatus** **TrainOperationalIdentification** **OperationalTrainNumberIdentifier** **ReferenceOTN** **LocationPlannedTrack** **LocationActualTrack** **BookedLocationDateTime** **TrainLocationStatus** **InterruptionReason** **InterruptionDescription** **TransferPoint** **TransfereeIM**
annotation	documentation This message is issued to show that the train is arriving at another platform to the one that was scheduled

source

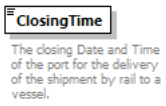
```
<xs:element name="ChangeofTrackMessage">
  <xs:annotation>
    <xs:documentation> This message is issued to show that the train is
arriving at another platform to the one that was
scheduled</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="MessageStatus">
        <xs:annotation>
          <xs:documentation>Assigned by the Sender 1=Creation,
2=Modification, 3=deletion </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="TrainOperationalIdentification" minOccurs="0"/>
      <xs:element ref="OperationalTrainNumberIdentifier"/>
      <xs:element ref="ReferenceOTN" minOccurs="0"/>
      <xs:element ref="LocationPlannedTrack" minOccurs="0"/>
      <xs:element ref="LocationActualTrack"/>
      <xs:element ref="BookedLocationDateTime" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Scheduled Date and Time of a train at a speciied
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>
```

element **CityTown**

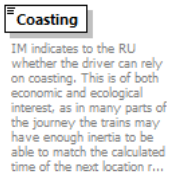
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of the City or Town in Clear Text
source	<xs:element name="CityTown"> <xs:annotation> <xs:documentation>Name of the City or Town in Clear Text</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ClosingTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **Coasting**

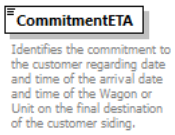
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**

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	<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>

element **Comments**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	elements **LocationPrimaryInformation** **LocationSubsidiaryInformation**
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="Comments" type="FreeText"/>

element **CommitmentETA**

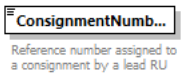
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **AlertMessage**
annotation	documentation Identifies the commitment to the customer regarding date and time of the arrival date and time of the Wagon or Unit on the final destination of the customer siding.
source	<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>

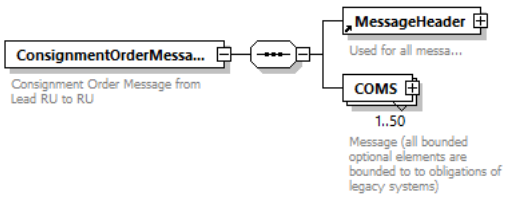
element **Company**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	complexTypes **CompositIdentifierOperationalType** **CompositIdentifierPlannedType**
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Identifies a railway company (RU or IM)
source	<xs:element name="Company" type="CompanyCode"> <xs:annotation> <xs:documentation>Identifies a railway company (RU or IM)</xs:documentation> </xs:annotation> </xs:element>

element **ConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**ConsignmentIdent**
properties	content complex
used by	element **WIMO_Dataset/ConsignmentLevelData**
annotation	documentation Reference number assigned to a consignment by a lead RU
source	<xs:element name="ConsignmentNumber" type="ConsignmentIdent"> <xs:annotation> <xs:documentation>Reference number assigned to a consignment by a lead RU</xs:documentation> </xs:annotation> </xs:element>

element **ConsignmentOrderMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **COMS**
annotation	documentation Consignment Order Message from Lead RU to RU

source

```
<xs:element name="ConsignmentOrderMessage">
  <xs:annotation>
    <xs:documentation>Consignment Order Message from Lead RU to
RU</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element name="COMS" maxOccurs="50">
        <xs:annotation>
          <xs:documentation>Message (all bounded optional elements are
bounded to to obligations of legacy systems)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="COM_Header">
              <xs:annotation>
                <xs:documentation>Additional Header containing consignment
related key data such as dossiernumber, version number and a change log for
modifications</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="SendingRU" type="CompanyCode">
                    <xs:annotation>
                      <xs:documentation>Use here the 4 digit code according
to UIC leaflet 920-1 of the railway, which created/amended the message (like
2185).</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="ReceivingRU" type="CompanyCode">
                    <xs:annotation>
                      <xs:documentation>Use here the 4 digit code according
to UIC leaflet 920-1 of the railway, which is the receipient of the message
(like 2185).</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="MessageReferenceNumber" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Message Reference NumberThis
identification is being generated during creation of the message. This
allows the tracing of the message.</xs:documentation>
```

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

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

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

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

```
                        <xs:element ref="DeclarationText" minOccurs="0"/>
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                    <xs:annotation>
                      <xs:documentation>Genearal information about the
complete consignment</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
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                        <xs:element name="ConsignorReference" minOccurs="0">
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                            <xs:documentation>Consignor's reference
concerning the complete consignment</xs:documentation>
                          </xs:annotation>
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                          </xs:simpleType>
                        </xs:element>
                        <xs:element name="InformationConsignee"
minOccurs="0">
                          <xs:annotation>
                            <xs:documentation>Information from the consignor
to the consignee relating to the consignment. This information is not to
commit the carrier.</xs:documentation>
                          </xs:annotation>
                          <xs:simpleType>
                            <xs:restriction base="xs:string">
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                          </xs:simpleType>
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                        <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>
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maxOccurs="10">
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                      <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
```

```
                    </xs:annotation>
                    <xs:complexType>
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                          <xs:annotation>
                            <xs:documentation>Type code of attached
document. The UN/DIFACT 1001 list of codes is to be used to code
accompanying documents.</xs:documentation>
                          </xs:annotation>
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minOccurs="0">
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regarding the attached document may be entered here.</xs:documentation>
                          </xs:annotation>
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specified type.</xs:documentation>
                          </xs:annotation>
                        </xs:element>
                        <xs:element name="DocumentTypeDescription"
minOccurs="0">
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                            <xs:documentation>Description of document type,
when it is not in the UN/EDIFACT 1001 list included.</xs:documentation>
                          </xs:annotation>
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legacy system</xs:documentation>
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```

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maxOccurs="5">
                  <xs:annotation>
                    <xs:documentation>Commercial
Specification</xs:documentation>
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                  <xs:complexType>
                    <xs:sequence>
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free text</xs:documentation>
                        </xs:annotation>
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minOccurs="0" maxOccurs="10">
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                          <xs:documentation>additional carrier code
belonging to the given contract number</xs:documentation>
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maxOccurs="10">
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according to the given carrier code.</xs:documentation>
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                        <xs:simpleType>
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                            <xs:minLength value="1">
                              <xs:annotation>
                                <xs:documentation>has to be sent as n6
(with leading zeros if necessary)</xs:documentation>
                              </xs:annotation>
                            </xs:minLength>
                            <xs:maxLength value="6"/>
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                    </xs:sequence>
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                    <xs:documentation>Prepayment</xs:documentation>
```

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                    </xs:annotation>
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                            <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
                          </xs:annotation>
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                            <xs:choice>
                              <xs:element ref="PrepaidCodeCustomer"/>
                              <xs:element ref="IncotermCode"/>
                            </xs:choice>
                          </xs:complexType>
                        </xs:element>
                        <xs:element ref="PrepaidcodeCarrier"/>
                        <xs:element name="PaidUpTo" minOccurs="0">
                          <xs:annotation>
                            <xs:documentation>Charges Paid Up To ... This
information is being sent by the consignor in agreement with the contractual
carrier so only one structure is needed for field 20 and 49. The carrier is
only allowed to apply changes, when ordered by the
consignor.</xs:documentation>
                          </xs:annotation>
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                          </xs:complexType>
                        </xs:element>
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maxOccurs="5">
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                            <xs:documentation>Additional
Charges</xs:documentation>
                          </xs:annotation>
                          <xs:complexType>
                            <xs:sequence>
                              <xs:element name="Code">
                                <xs:annotation>
                                  <xs:documentation>Additional charges code
according CIT GLV-CIM appendix 3</xs:documentation>
                                </xs:annotation>
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description</xs:documentation>
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                                <xs:simpleType>
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```

```
                                    <xs:maxLength value="35"/>
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                    </xs:complexType>
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tariff</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
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                          <xs:annotation>
                            <xs:documentation>Number of customer
agreement.</xs:documentation>
                          </xs:annotation>
                          <xs:simpleType>
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                              <xs:minLength value="1">
                                <xs:annotation>
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(with leading zeros if necessary)</xs:documentation>
                                </xs:annotation>
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                          </xs:simpleType>
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                          <xs:annotation>
                            <xs:documentation>Number of the
tariff.</xs:documentation>
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(with leading zeros if necessary, but without check
digit)</xs:documentation>
                                </xs:annotation>
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                        </xs:element>
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                    </xs:complexType>
                  </xs:element>
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```

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

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

```
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maxOccurs="30">
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                        <xs:documentation>Route sequence Sequential
information about the complete routing of the consignment, the LeadRu
decides wether to provide this information or not</xs:documentation>
                      </xs:annotation>
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="SequenceID" type="xs:int">
                            <xs:annotation>
                              <xs:documentation>Position of the route section
in transport chain. Used to determine the exact way of the transport for
customs purposes.</xs:documentation>
                            </xs:annotation>
                          </xs:element>
                          <xs:sequence>
                            <xs:element name="RouteCode">
                              <xs:annotation>
                                <xs:documentation>Route code (International
RouteCode)</xs:documentation>
                              </xs:annotation>
                              <xs:simpleType>
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                                </xs:restriction>
                              </xs:simpleType>
                            </xs:element>
                            <xs:element name="RouteText" minOccurs="0">
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                                <xs:documentation>Description of the specific
route section</xs:documentation>
                              </xs:annotation>
                              <xs:simpleType>
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maxOccurs="30"/>
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                        <xs:documentation>Customs
procedures</xs:documentation>
                      </xs:annotation>
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                              <xs:documentation>Code of the RU entrusted of
customs procedures. </xs:documentation>
```

```
                        </xs:annotation>
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                </xs:element>
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                  <xs:annotation>
                    <xs:documentation>Customs Data</xs:documentation>
                  </xs:annotation>
                  <xs:complexType>
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minOccurs="0">
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                          <xs:documentation>Simplified transport procedure
is used (STP).</xs:documentation>
                        </xs:annotation>
                        <xs:simpleType>
                          <xs:restriction base="xs:boolean"/>
                        </xs:simpleType>
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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>
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                      </xs:element>
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minOccurs="0">
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                          <xs:documentation>Reserved for endorsements by
customs or a consignor/consignee authorised by customs. Data element in
accordance with Regulation (EC) 1875/2006).</xs:documentation>
                        </xs:annotation>
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                        </xs:simpleType>
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                  </xs:complexType>
                </xs:element>
                <xs:element name="RU_Declarations" minOccurs="0">
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                    <xs:documentation>Carriers
```

```
declaration</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:sequence>
                        <xs:element name="RU_Declaration" minOccurs="0"
maxOccurs="30">
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                            <xs:documentation>Details of the carriers
declaration.</xs:documentation>
                          </xs:annotation>
                          <xs:complexType>
                            <xs:sequence>
                              <xs:element name="DeclaringRU"
type="CompanyCode">
                                <xs:annotation>
                                  <xs:documentation>Code of carrier, who
added the declaration.</xs:documentation>
                                </xs:annotation>
                              </xs:element>
                              <xs:element ref="RU_DeclarationCode"/>
                              <xs:element ref="DeclarationText"
minOccurs="0"/>
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                        </xs:element>
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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">
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                                  <xs:documentation>Variance of acceptance
date given structure AcceptancePoint.</xs:documentation>
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                  <xs:element name="Carriers" maxOccurs="30">
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```

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

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

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

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

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

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

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

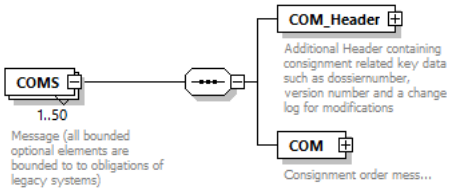
```
                                    <xs:documentation>Exchange rate for
amounts to be paid by the consignor or consignee which are not expressed in
the invoicing currency.</xs:documentation>
                                  </xs:annotation>
                                  <xs:simpleType>
    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

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

```
<xs:documentation>Prepaid</xs:documentation>
                                    </xs:annotation>
                                  </xs:element>
                                  <xs:element name="Transferred"
type="Money_Type">
                                    <xs:annotation>

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

element **ConsignmentOrderMessage/COMS**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 1 maxOcc 50 content complex
children	COM_Header COM
annotation	documentation Message (all bounded optional elements are bounded to to obligations of legacy systems)
source	

```
<xs:element name="COMS" maxOccurs="50">
  <xs:annotation>
    <xs:documentation>Message (all bounded optional elements are bounded to
to obligations of legacy systems)</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="COM_Header">
        <xs:annotation>
          <xs:documentation>Additional Header containing consignment related
key data such as dossiernumber, version number and a change log for
modifications</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="SendingRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Use here the 4 digit code according to UIC
leaflet 920-1 of the railway, which created/amended the message (like
2185).</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ReceivingRU" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Use here the 4 digit code according to UIC
leaflet 920-1 of the railway, which is the receipient of the message (like
2185).</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="MessageReferenceNumber" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Message Reference NumberThis
identification is being generated during creation of the message. This
allows the tracing of the message.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="18">
                    <xs:annotation>
                      <xs:documentation>Use here a counter, any
```

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

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

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

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

```
                    <xs:annotation>
                      <xs:documentation>Consignor's reference concerning the
complete consignment</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
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                        <xs:maxLength value="35"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="InformationConsignee" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Information from the consignor to
the consignee relating to the consignment. This information is not to commit
the carrier.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="350"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="WagonGroupInfo" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Consignor information regarding the
whole consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
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                        <xs:minLength value="1"/>
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                    </xs:simpleType>
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              </xs:complexType>
            </xs:element>
            <xs:element name="AttachedDocuments" minOccurs="0"
maxOccurs="10">
              <xs:annotation>
                <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="DocumentType">
                    <xs:annotation>
                      <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:int">
                        <xs:minInclusive value="1"/>
                        <xs:maxInclusive value="999"/>
```

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

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

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

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

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

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

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

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

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

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

```
                    </xs:element>
                    <xs:element name="SectionTo" type="LocationIdent">
                      <xs:annotation>
                        <xs:documentation>End of section to be performed by
the carrier. This can be a station OR a border crossing
point.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="SubContractNumber_SplitContract"
minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Number of customer agreement between
the responsible and the operating carrier</xs:documentation>
                      </xs:annotation>
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:minLength value="1">
                            <xs:annotation>
                              <xs:documentation>has to be sent as n6 (with
leading zeros if necessary)</xs:documentation>
                            </xs:annotation>
                          </xs:minLength>
                          <xs:maxLength value="6"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:element>
                  </xs:sequence>
                  <xs:attribute name="sequenceID" type="xs:int">
                    <xs:annotation>
                      <xs:documentation>Position of carrier during transport.
</xs:documentation>
                    </xs:annotation>
                  </xs:attribute>
                </xs:complexType>
              </xs:element>
              <xs:element name="LeadCarrier">
                <xs:annotation>
                  <xs:documentation>LeadCarrier/ Contractual
carrier</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="CarrierCode" type="CompanyCode">
                      <xs:annotation>
                        <xs:documentation>Contractual carrier, railway
undertaking (Railway Code).</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="CarrierName" minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Name of contractual
carrier</xs:documentation>
                      </xs:annotation>
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:minLength value="1"/>
                          <xs:maxLength value="35"/>
                        </xs:restriction>
```

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

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

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

```
section</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="End" type="LocationIdent">
                    <xs:annotation>
                      <xs:documentation>End of the charging
section</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="CommercialRouteCode" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:length value="3"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                    <xs:annotation>
                      <xs:documentation>Code for the currency of the amounts
entered in the charging section.</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="Tariff" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:sequence>
                        <xs:element name="NHMCode" type="NHMCodeType">
                          <xs:annotation>
                            <xs:documentation>NHM code determining the
charges applicable.</xs:documentation>
                          </xs:annotation>
                        </xs:element>
                        <xs:element name="TariffNumber">
                          <xs:annotation>
                            <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
                          </xs:annotation>
                          <xs:simpleType>
                            <xs:restriction base="xs:string">
                              <xs:minLength value="1"/>
                              <xs:maxLength value="6"/>
                            </xs:restriction>
                          </xs:simpleType>
                        </xs:element>
                        <xs:element name="ChargedMass" minOccurs="0">
                          <xs:annotation>
                            <xs:documentation>Charged mass [weight in kg].
As appropriate, area in m² or the volume of the wagon or goods in m³ if used
as the basis for charging.</xs:documentation>
                          </xs:annotation>
```

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

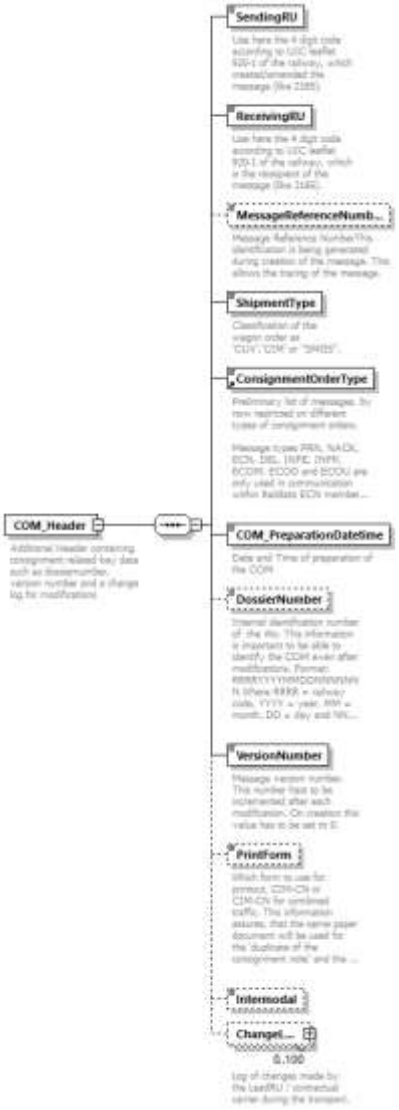
```
                                <xs:annotation>
                                  <xs:documentation>Tariff distance,
expressed in zones, between the stations or points corresponding to the
beginning and end of the charging section.</xs:documentation>
                                </xs:annotation>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

```
                        <xs:documentation>Sum of
Transferred</xs:documentation>
                      </xs:annotation>
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="Code">
                            <xs:annotation>
                              <xs:documentation>Additional charges
code</xs:documentation>
                            </xs:annotation>
                            <xs:simpleType>
                              <xs:restriction base="xs:string">
                                <xs:minLength value="1"/>
                                <xs:maxLength value="2"/>
                              </xs:restriction>
                            </xs:simpleType>
                          </xs:element>
                          <xs:choice>
                            <xs:element name="Prepaid" type="Money_Type">
                              <xs:annotation>
                                <xs:documentation>Prepaid</xs:documentation>
                              </xs:annotation>
                            </xs:element>
                            <xs:element name="Transferred" type="Money_Type">
                              <xs:annotation>

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

```
                delivery of a wagon/Shipment or Intermodal units at customer
                sidings</xs:documentation>
                            </xs:annotation>
                        </xs:element>
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
```

element **ConsignmentOrderMessage/COMS/COM_Header**

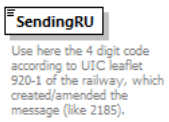
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**SendingRU ReceivingRU MessageReferenceNumber ShipmentType ConsignmentOrderType COM_PreparationDatetime DossierNumber VersionNumber PrintForm Intermodal ChangeLog**
annotation	documentation Additional Header containing consignment related key data such as dossiernumber, version number and a change

	log for modifications
source	<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 receipient of the message (like 2185).</xs:documentation> </xs:annotation> </xs:element> <xs:element name="MessageReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="18"> <xs:annotation> <xs:documentation>Use here a counter, any system.</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipmentType"> <xs:annotation> <xs:documentation>Classification of the wagon order as 'CUV','CIM' or "SMGS".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CIM"> <xs:annotation> <xs:documentation>Regular transport, according in basic to the CIM consignment note.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CUV"> <xs:annotation> <xs:documentation>Transport of empty wagons. If loaded and

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

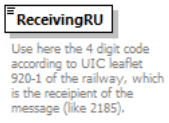
```
print-out.</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="CT">
              <xs:annotation>
                <xs:documentation>Combined traffic form to be used for
print-out.</xs:documentation>
              </xs:annotation>
   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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 created/amended the message (like 2185).

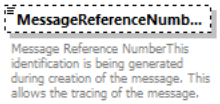
source	`<xs:element name="SendingRU" type="CompanyCode">`
	`  <xs:annotation>`
	`  <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which created/amended the message (like 2185).</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 receipient of the message (like 2185).

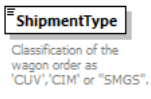
source	`<xs:element name="ReceivingRU" type="CompanyCode">`
	`  <xs:annotation>`
	`  <xs:documentation>Use here the 4 digit code according to UIC leaflet 920-1 of the railway, which is the receipient of the message (like 2185).</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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.

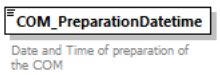
source	`<xs:element name="MessageReferenceNumber" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Message Reference NumberThis identification is being generated during creation of the message. This allows the tracing of the message.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <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>`

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

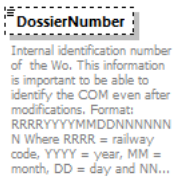
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration CIM documentation Regular transport, according in basic to the CIM consignment note. enumeration CUV documentation Transport of empty wagons. 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. enumeration SMGS
annotation	documentation

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

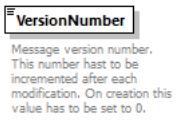
element **ConsignmentOrderMessage/COMS/COM_Header/COM_PreparationDatetime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:dateTime**
properties	content simple
annotation	documentation Date and Time of preparation of the COM
source	<xs:element name="COM_PreparationDatetime"> <xs:annotation> <xs:documentation>Date and Time of preparation of the COM</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element>

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

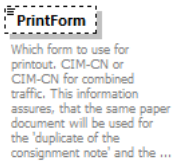
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 19 pattern \d{4}20\d{2}[0-1][0-9][0-3]\d{8}
annotation	documentation Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.
source	<xs:element name="DossierNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Internal identification number of the Wo. This information is important to be able to identify the COM even after modifications. Format: RRRRYYYYMMDDNNNNNNN Where RRRR = railway code, YYYY = year, MM = month, DD = day and NNNNNNN = running number.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="19"/> <xs:pattern value="\d{4}20\d{2}[0-1][0-9][0-3]\d{8}"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 100
annotation	documentation Message version number. This number hast to be incremented after each modification. On creation this value has to be set to 0.
source	<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>
```

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

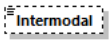
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind / Value / Annotation enumeration WLT — documentation: Wagon load transport form to be used for print-out. enumeration CT — documentation: Combined traffic form to be used for print-out.
annotation	documentation Which form to use for printout. CIM-CN or CIM-CN for combined traffic. This information assures, that the same paper document will be used for the 'duplicate of the consignment note' and the final print out of the ECN for the consignee.

source

```
<xs:element name="PrintForm" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Which form to use for printout. CIM-CN or CIM-CN for
combined traffic. This information assures, that the same paper document
will be used for the 'duplicate of the consignment note' and the final print
out of the ECN for the consignee.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="WLT">
        <xs:annotation>
          <xs:documentation>Wagon load transport form to be used for print-
out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CT">
        <xs:annotation>
          <xs:documentation>Combined traffic form to be used for print-
out.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
```

```
  </xs:simpleType>
</xs:element>
```

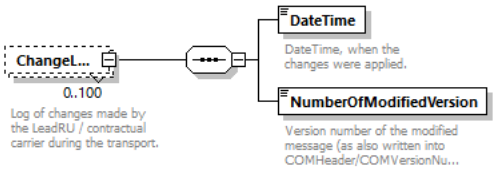
element **ConsignmentOrderMessage/COMS/COM_Header/Intermodal**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:byte**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern 0|1

source

```
<xs:element name="Intermodal" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:byte">
      <xs:pattern value="0|1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

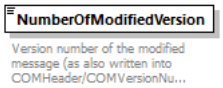
```
<xs:element name="ChangeLog" minOccurs="0" maxOccurs="100">
  <xs:annotation>
    <xs:documentation>Log of changes made by the LeadRU / contractual
carrier during the transport.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DateTime">
        <xs:annotation>
          <xs:documentation>DateTime, when the changes were
applied.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
```

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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:dateTime**
properties	content simple
annotation	documentation DateTime, when the changes were applied.
source	<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>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
annotation	documentation Version number of the modified message (as also written into COMHeader/COMVersionNumber).
source	<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>

element **ConsignmentOrderMessage/COMS/COM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	AcceptancePoint DeliveryPoint Customers ConsignorDeclarations GeneralInformation AttachedDocuments CommercialSpecifications PrepaymentInstructions Tariff SectionalInvoicing DeclarationOfValue InterestInDelivery CashOnDelivery RouteSection SpecialTreatments CustomsProcedures CustomsData RU_Declarations Carriers LeadCarrier MadeOut ChargesNote TransitPeriodExtensions ChargingSections Wagons WagonPreviousNumberFreight AgreedTimeOfDelivery
annotation	documentation Consignment order message
source	<xs:element name="COM"> <xs:annotation> <xs:documentation>Consignment order message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence>

```
      <xs:element name="AcceptancePoint">
        <xs:annotation>
          <xs:documentation>Description of location and time for the take
over of the consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
            <xs:element name="AcceptanceDate" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Date and time (month, day and hour) at
which the goods were accepted. </xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ConsignmentNumber">
              <xs:annotation>
                <xs:documentation>Running number and check digit of the
consignment between Lead RU and customer. Format: NNNNNC The number consists
of NNNNN = running number C = check digit, </xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="6"/>
                  <xs:pattern value="\d*[1-9]\d*"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ForwardingTrainNumber" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Train number at shipping
</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="6"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="CarrierCode" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Code of the shipping carrier mentioned in
the consignment number.</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DeliveryPoint">
        <xs:annotation>
          <xs:documentation>Description of location and time for the hand
over of the consignment</xs:documentation>
        </xs:annotation>
```

```
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Station"/>
            <xs:element ref="RP_Code" minOccurs="0"/>
            <xs:element ref="ProductionStation" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="Customers" minOccurs="2" maxOccurs="4">
        <xs:annotation>
          <xs:documentation>Information about the consignor, consignee and
freight payers. At least information about consignor and consignee has to be
given</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10">
        <xs:annotation>
          <xs:documentation>Consignors declarartions, this element contains
either declarations of the original consignor or declarations of the LeadRU
as consignor</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="ConsignorDeclarationCode"/>
            <xs:element ref="DeclarationText" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="GeneralInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ConsignorReference" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Consignor's reference concerning the
complete consignment</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="InformationConsignee" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Information from the consignor to the
consignee relating to the consignment. This information is not to commit the
carrier.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="350"/>
                </xs:restriction>
```

```
              </xs:simpleType>
            </xs:element>
            <xs:element name="WagonGroupInfo" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="500"/>
                  <xs:minLength value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
        <xs:annotation>
          <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="DocumentType">
              <xs:annotation>
                <xs:documentation>Type code of attached document. The
UN/DIFACT 1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:int">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="999"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="DocumentInformation" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Additional information regarding the
attached document may be entered here.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="Quantity" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Amount of the documents of the specified
type.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="DocumentTypeDescription" minOccurs="0">
              <xs:annotation>
```

```
                <xs:documentation>Description of document type, when it is
not in the UN/EDIFACT 1001 list included.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Filename" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Filename of embedded pdf in legacy
system</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="35"/>
                  <xs:minLength value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="StatusOfDocument" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="CommercialSpecifications" minOccurs="0"
maxOccurs="5">
        <xs:annotation>
          <xs:documentation>Commercial Specification</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="CommercialSpecificationCode"/>
            <xs:element name="SpecificationText" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Additional Text for codes with free
text</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="350"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0"
maxOccurs="10">
              <xs:annotation>
                <xs:documentation>additional carrier code belonging to the
given contract number</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ContractNumber" minOccurs="0" maxOccurs="10">
              <xs:annotation>
                <xs:documentation>additional contract number according to
the given carrier code.</xs:documentation>
              </xs:annotation>
```

```
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1">
                    <xs:annotation>
                      <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
                    </xs:annotation>
                  </xs:minLength>
                  <xs:maxLength value="6"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="PrepaymentInstructions">
        <xs:annotation>
          <xs:documentation>Prepayment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="PrepaymentCustomer" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:choice>
                  <xs:element ref="PrepaidCodeCustomer"/>
                  <xs:element ref="IncotermCode"/>
                </xs:choice>
              </xs:complexType>
            </xs:element>
            <xs:element ref="PrepaidcodeCarrier"/>
            <xs:element name="PaidUpTo" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Charges Paid Up To ... This information is
being sent by the consignor in agreement with the contractual carrier so
only one structure is needed for field 20 and 49. The carrier is only
allowed to apply changes, when ordered by the consignor.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:complexContent>
                  <xs:extension base="LocationIdent"/>
                </xs:complexContent>
              </xs:complexType>
            </xs:element>
            <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="5">
              <xs:annotation>
                <xs:documentation>Additional Charges</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="Code">
                    <xs:annotation>
                      <xs:documentation>Additional charges code according
CIT GLV-CIM appendix 3</xs:documentation>
```

```
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:length value="2"/>
                        <xs:pattern value="\d*[1-9]\d*"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="Description" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Additional charges
description</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="35"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="Tariff">
        <xs:annotation>
          <xs:documentation>Number of customer agreement or
tariff</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element name="ContractNumber">
              <xs:annotation>
                <xs:documentation>Number of customer
agreement.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1">
                    <xs:annotation>
                      <xs:documentation>has to be sent as n6 (with leading
zeros if necessary)</xs:documentation>
                    </xs:annotation>
                  </xs:minLength>
                  <xs:maxLength value="6"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="TariffNumber">
              <xs:annotation>
                <xs:documentation>Number of the tariff.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1">
                    <xs:annotation>
```

```
                        <xs:documentation>has to be sent as n6 (with leading
zeros if necessary, but without check digit)</xs:documentation>
                      </xs:annotation>
                    </xs:minLength>
                    <xs:maxLength value="6"/>
                    <xs:pattern value="\d*[1-9]\d*"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:choice>
          </xs:complexType>
        </xs:element>
        <xs:element name="SectionalInvoicing" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Sectional Invoicing</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
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                <xs:annotation>
                  <xs:documentation>Sectional Invoicing</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="InvoicingCarrierCode"
type="CompanyCode">
                      <xs:annotation>
                        <xs:documentation>Sectional invoicing
by</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="InvoicedSection">
                      <xs:annotation>
                        <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
                      </xs:annotation>
                      <xs:complexType>
                        <xs:choice>
                          <xs:element name="CountryCode"
type="CountryIdentISO">
                            <xs:annotation>
                              <xs:documentation>Invoiced section specified by
country</xs:documentation>
                            </xs:annotation>
                          </xs:element>
                          <xs:element name="SectionCarrierCode"
type="CompanyCode">
                            <xs:annotation>
                              <xs:documentation>Invoiced section specified by
carrier</xs:documentation>
                            </xs:annotation>
                          </xs:element>
                        </xs:choice>
                      </xs:complexType>
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
```

```
          </xs:sequence>
        </xs:complexType>
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      <xs:element name="DeclarationOfValue" minOccurs="0">
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currency code when the value exceeds the limit given in CIM Article 30
section 2.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
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            <xs:element name="Amount" type="Money_Type">
              <xs:annotation>
                <xs:documentation>Amount</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
              <xs:annotation>
                <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="InterestInDelivery" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Details of the amount and currency code of a
special interest in delivery.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Amount" type="Money_Type">
              <xs:annotation>
                <xs:documentation>Amount</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
              <xs:annotation>
                <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="CashOnDelivery" minOccurs="0">
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          <xs:documentation>Details of the amount to be collected on
delivery and the currency code.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Amount" type="Money_Type">
              <xs:annotation>
                <xs:documentation>Amount</xs:documentation>
              </xs:annotation>
            </xs:element>
```

```
            <xs:element name="CurrencyCode" type="CurrencyCode_Type">
              <xs:annotation>
                <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="RouteSection" minOccurs="0" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Route sequence Sequential information about the
complete routing of the consignment, the LeadRu  decides wether to provide
this information or not</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="SequenceID" type="xs:int">
              <xs:annotation>
                <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:sequence>
              <xs:element name="RouteCode">
                <xs:annotation>
                  <xs:documentation>Route code (International
RouteCode)</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
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                    <xs:pattern value="\d*[1-9]\d*0"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="RouteText" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Description of the specific route
section</xs:documentation>
                </xs:annotation>
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                    <xs:maxLength value="80"/>
                  </xs:restriction>
                </xs:simpleType>
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            </xs:sequence>
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        </xs:complexType>
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      <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>
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            <xs:element ref="RU_Partner" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Code of the RU entrusted of customs
procedures. </xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="Location"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="CustomsData" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Customs Data</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="SimplifiedTransportProcedure" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Simplified transport procedure is used
(STP).</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:boolean"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Code for the principal
RU</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CustomsSurveillance">
              <xs:annotation>
                <xs:documentation>Good under customs
surveillance</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:boolean"/>
              </xs:simpleType>
            </xs:element>
            <xs:element name="CustomsEndorsements" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Reserved for endorsements by customs or a
consignor/consignee authorised by customs. Data element in accordance with
Regulation (EC) 1875/2006).</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
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                  <xs:maxLength value="350"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
```

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

```
              <xs:annotation>
                <xs:documentation>Railway Undertaking (Railway
Code)</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ResponsibleCarrierCode" type="CompanyCode"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Railway Undertaking (Railway Code) of the
carrier in charge.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CarrierName" minOccurs="0">
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                <xs:documentation>Name of Carrier</xs:documentation>
              </xs:annotation>
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                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="StreetNumber" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Streetnumber of
carrier.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="5"/>
                </xs:restriction>
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            </xs:element>
            <xs:element name="Street" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Name of street of the
carrier</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
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              </xs:simpleType>
            </xs:element>
            <xs:element name="ZIPCode" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Postal Code</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="9"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
```

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

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

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

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

```
                <xs:annotation>
                  <xs:documentation>End of extension.</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:dateTime"/>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="ChargingSections" maxOccurs="15">
          <xs:annotation>
            <xs:documentation>Charging section</xs:documentation>
          </xs:annotation>
          <xs:complexType>
            <xs:sequence>
              <xs:element name="Start" type="LocationIdent">
                <xs:annotation>
                  <xs:documentation>Start of the charging
section</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="End" type="LocationIdent">
                <xs:annotation>
                  <xs:documentation>End of the charging
section</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="CommercialRouteCode" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Route code (RIP) when the customer
agreement or the tariff applied provide for it. </xs:documentation>
                </xs:annotation>
                <xs:simpleType>
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                    <xs:pattern value="\d*[1-9]\d*"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="CurrencyCode" type="CurrencyCode_Type">
                <xs:annotation>
                  <xs:documentation>Code for the currency of the amounts
entered in the charging section.</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="Tariff" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="NHMCode" type="NHMCodeType">
                      <xs:annotation>
                        <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
                      </xs:annotation>
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                    </xs:element>
                    <xs:element name="TariffNumber">
                      <xs:annotation>
                        <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
                      </xs:annotation>
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:minLength value="1"/>
                          <xs:maxLength value="6"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:element>
                    <xs:element name="ChargedMass" minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Charged mass [weight in kg]. As
appropriate, area in m² or the volume of the wagon or goods in m³ if used as
the basis for charging.</xs:documentation>
                      </xs:annotation>
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="value">
                            <xs:simpleType>
                              <xs:restriction base="xs:decimal">
                                <xs:minInclusive value="1"/>
                                <xs:totalDigits value="8"/>
                                <xs:fractionDigits value="1"/>
                              </xs:restriction>
                            </xs:simpleType>
                          </xs:element>
                          <xs:element name="measure" minOccurs="0">
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                                <xs:enumeration value="kg"/>
                                <xs:enumeration value="m2"/>
                                <xs:enumeration value="m3"/>
                              </xs:restriction>
                            </xs:simpleType>
                          </xs:element>
                        </xs:sequence>
                      </xs:complexType>
                    </xs:element>
                    <xs:element name="ExchangeRate" minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Exchange rate for amounts to be paid
by the consignor or consignee which are not expressed in the invoicing
currency.</xs:documentation>
                      </xs:annotation>
                      <xs:simpleType>
                        <xs:restriction base="xs:decimal">
                          <xs:totalDigits value="18"/>
                          <xs:fractionDigits value="3"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:element>
                    <xs:element name="Distance" minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Tariff distance, expressed in km or
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zones, between the stations or points corresponding to the beginning and end
of the charging section.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:choice>
                        <xs:element name="KM">
                          <xs:annotation>
                            <xs:documentation>Tariff distance, expressed in
km, between the stations or points corresponding to the beginning and end of
the charging section.</xs:documentation>
                          </xs:annotation>
                          <xs:simpleType>
                            <xs:restriction base="xs:int">
                              <xs:minInclusive value="1"/>
                              <xs:maxInclusive value="99999"/>
                            </xs:restriction>
                          </xs:simpleType>
                        </xs:element>
                        <xs:element name="Zones">
                          <xs:annotation>
                            <xs:documentation>Tariff distance, expressed in
zones, between the stations or points corresponding to the beginning and end
of the charging section.</xs:documentation>
                          </xs:annotation>
                          <xs:simpleType>
                            <xs:restriction base="xs:int">
                              <xs:minInclusive value="1"/>
                              <xs:maxInclusive value="99"/>
                            </xs:restriction>
                          </xs:simpleType>
                        </xs:element>
                      </xs:choice>
                    </xs:complexType>
                  </xs:element>
                  <xs:element name="Fee" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Supplements, fees,
deductions</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:int">
                        <xs:totalDigits value="4"/>
                        <xs:minInclusive value="1"/>
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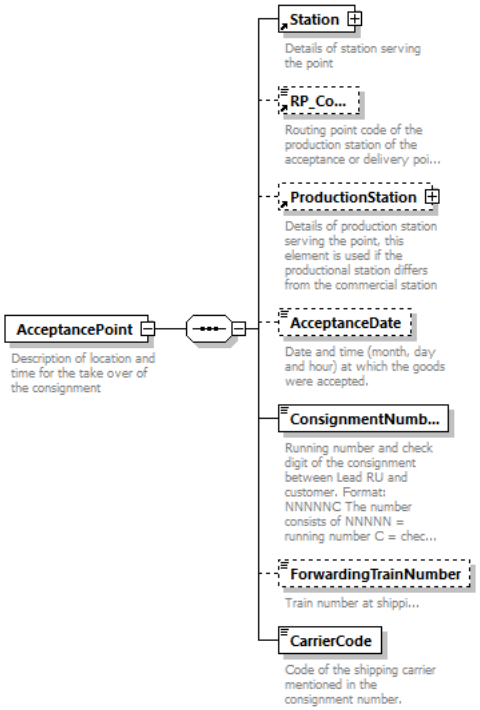
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="FreightCharges" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Freight Charges (paid and
due)</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:choice>
                        <xs:element name="Prepaid" type="Money_Type">
                          <xs:annotation>
                            <xs:documentation>Carriage charges to be paid by
the consignor in the tariff currency.</xs:documentation>
                          </xs:annotation>
```

```
                        </xs:element>
                        <xs:element name="Transferred" type="Money_Type">
                          <xs:annotation>
                            <xs:documentation>Carriage charges to be paid by
the consignee in the tariff currency.</xs:documentation>
                          </xs:annotation>
                        </xs:element>
                      </xs:choice>
                    </xs:complexType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="AdditionalCharges" minOccurs="0"
maxOccurs="10">
              <xs:annotation>
                <xs:documentation/>
                <xs:documentation>Sum of Prepaid</xs:documentation>
                <xs:documentation>Sum of Transferred</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="Code">
                    <xs:annotation>
                      <xs:documentation>Additional charges
code</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="2"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:choice>
                    <xs:element name="Prepaid" type="Money_Type">
                      <xs:annotation>
                        <xs:documentation>Prepaid</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="Transferred" type="Money_Type">
                      <xs:annotation>
                        <xs:documentation>Transferred</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                  </xs:choice>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="Wagons" minOccurs="0" maxOccurs="99">
        <xs:annotation>
          <xs:documentation>Contains list of transported Goods, Wagons and
ITU etc.</xs:documentation>
        </xs:annotation>
      </xs:element>
```

```
      <xs:element name="WagonPreviousNumberFreight" minOccurs="0"
maxOccurs="20">
        <xs:annotation>
          <xs:documentation>Identifies the previous freight wagon if a
shipment or Intermodal unit has changed the wagon during its
journey</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="WagonIdent">
            <xs:length value="12"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="AgreedTimeOfDelivery" minOccurs="0">
        <xs:annotation>
          <xs:documentation>The requested Date and Time for the delivery of
a wagon/Shipment or Intermodal units at customer sidings</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Station RP_Code ProductionStation AcceptanceDate ConsignmentNumber ForwardingTrainNumber CarrierCode**
annotation	documentation Description of location and time for the take over of the consignment

source

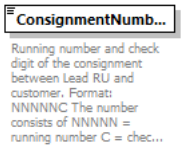
```
<xs:element name="AcceptancePoint">
  <xs:annotation>
    <xs:documentation>Description of location and time for the take over of
the consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Station"/>
      <xs:element ref="RP_Code" minOccurs="0"/>
      <xs:element ref="ProductionStation" minOccurs="0"/>
      <xs:element name="AcceptanceDate" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date and time (month, day and hour) at which the
goods were accepted. </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ConsignmentNumber">
        <xs:annotation>
          <xs:documentation>Running number and check digit of the
consignment between Lead RU and customer. Format: NNNNNC The number consists
of NNNNN = running number C = check digit, </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="6"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ForwardingTrainNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Train number at shipping </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="6"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of the shipping carrier mentioned in the
consignment number.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:dateTime**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date and time (month, day and hour) at which the goods were accepted.

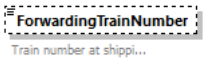
source	`<xs:element name="AcceptanceDate" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Date and time (month, day and hour) at which the goods were accepted. </xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:dateTime"/>`
	`</xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **WIMO_Dataset/ConsignmentLevelData**
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit,

source	`<xs:element name="ConsignmentNumber">`
	`<xs:annotation>`
	`<xs:documentation>Running number and check digit of the consignment between Lead RU and customer. Format: NNNNNC The number consists of NNNNN = running number C = check digit, </xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:length value="6"/>`
	`<xs:pattern value="\d*[1-9]\d*"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

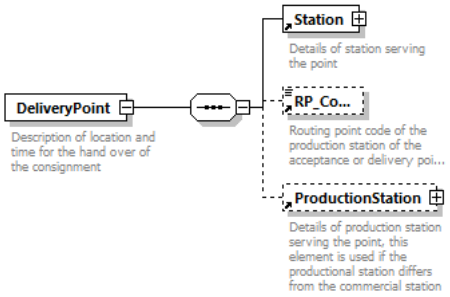
element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/ForwardingTrainNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

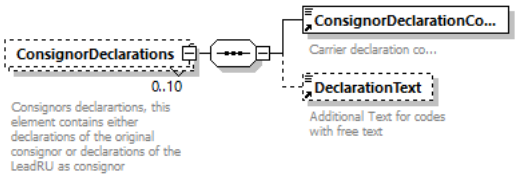
element **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Code of the shipping carrier mentioned in the consignment number.
source	<xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Code of the shipping carrier mentioned in the consignment number.</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Station RP_Code ProductionStation**
annotation	documentation Description of location and time for the hand over of the consignment
source	<xs:element name="DeliveryPoint"> <xs:annotation> <xs:documentation>Description of location and time for the hand over of the consignment</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Station"/> <xs:element ref="RP_Code" minOccurs="0"/> <xs:element ref="ProductionStation" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element>

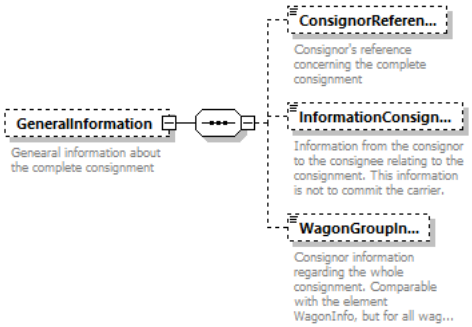
element **ConsignmentOrderMessage/COMS/COM/ConsignorDeclarations**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 10 content complex
children	**ConsignorDeclarationCode DeclarationText**
annotation	documentation Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor
source	<xs:element name="ConsignorDeclarations" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation>Consignors declarartions, this element contains either declarations of the original consignor or declarations of the LeadRU as consignor</xs:documentation> </xs:annotation> <xs:complexType>

```
    <xs:sequence>
      <xs:element ref="ConsignorDeclarationCode"/>
      <xs:element ref="DeclarationText" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties:

minOcc	0
maxOcc	1
content	complex

children: **ConsignorReference** **InformationConsignee** **WagonGroupInfo**

annotation:

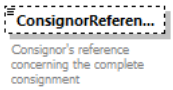
documentation
Genearal information about the complete consignment

source

```
<xs:element name="GeneralInformation" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Genearal information about the complete
consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ConsignorReference" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor's reference concerning the complete
consignment</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="InformationConsignee" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Information from the consignor to the consignee
relating to the consignment. This information is not to commit the
carrier.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
```

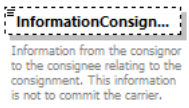
```
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="WagonGroupInfo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Consignor information regarding the whole
consignment. Comparable with the element WagonInfo, but for all
wagons.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="500"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

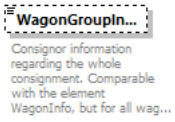
source	`<xs:element name="ConsignorReference" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Consignor's reference concerning the complete consignment</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="35"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.

source	`<xs:element name="InformationConsignee" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="350"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

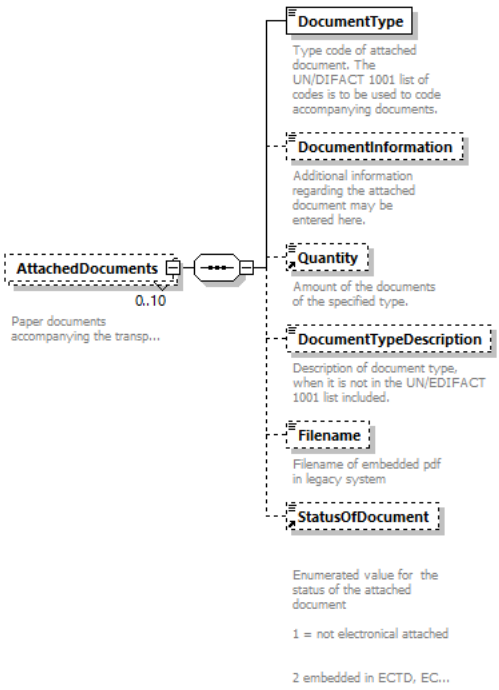
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 500
annotation	documentation Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.

source	`<xs:element name="WagonGroupInfo" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Consignor information regarding the whole consignment. Comparable with the element WagonInfo, but for all wagons.</xs:documentation>`
	`  </xs:annotation>`

```
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="500"/>
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

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

diagram



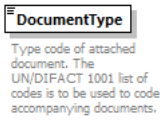
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 10 content complex
children	DocumentType DocumentInformation Quantity DocumentTypeDescription Filename StatusOfDocument
annotation	documentation Paper documents accompanying the transport

source

```
<xs:element name="AttachedDocuments" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Paper documents accompanying the
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DocumentType">
        <xs:annotation>
          <xs:documentation>Type code of attached document. The UN/DIFACT
1001 list of codes is to be used to code accompanying
documents.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
```

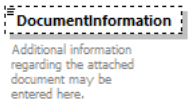
```
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="DocumentInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information regarding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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.

source	`<xs:element name="DocumentType">`
	`<xs:annotation>`
	`<xs:documentation>Type code of attached document. The UN/DIFACT 1001 list of codes is to be used to code accompanying documents.</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:int">`
	`<xs:minInclusive value="1"/>`
	`<xs:maxInclusive value="999"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

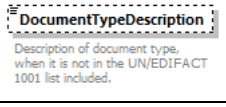
element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/DocumentInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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.

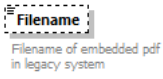
source	`<xs:element name="DocumentInformation" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Additional information regarding the attached document may be entered here.</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:minLength value="1"/>`

```
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="DocumentTypeDescription" minOccurs="0"> <xs:annotation> <xs:documentation>Description of document type, when it is not in the UN/EDIFACT 1001 list included.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

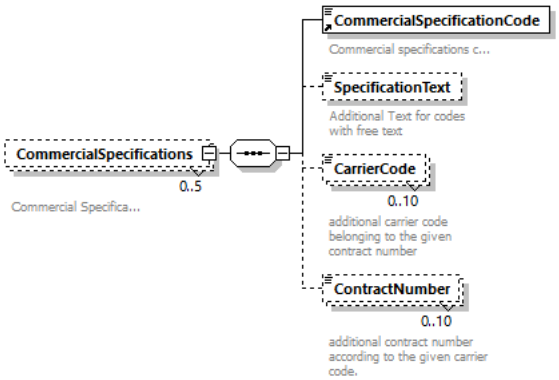
element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments/Filename**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Filename of embedded pdf in legacy system
source	<xs:element name="Filename" minOccurs="0"> <xs:annotation> <xs:documentation>Filename of embedded pdf in legacy system</xs:documentation>

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

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

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties:
- minOcc 0
- maxOcc 5
- content complex

children: **CommercialSpecificationCode** **SpecificationText** **CarrierCode** **ContractNumber**

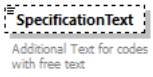
annotation: documentation
Commercial Specification

source

```
<xs:element name="CommercialSpecifications" minOccurs="0" maxOccurs="5">
  <xs:annotation>
    <xs:documentation>Commercial Specification</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CommercialSpecificationCode"/>
      <xs:element name="SpecificationText" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with free
text</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CarrierCode" type="CompanyCode" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
          <xs:documentation>additional carrier code belonging to the given
contract number</xs:documentation>
```

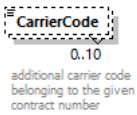
```
        </xs:annotation>
      </xs:element>
      <xs:element name="ContractNumber" minOccurs="0" maxOccurs="10">
        <xs:annotation>
          <xs:documentation>additional contract number according to the
given carrier code.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

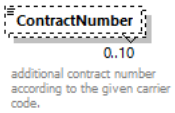
source	`<xs:element name="SpecificationText" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Additional Text for codes with free text</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="350"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	minOcc 0 maxOcc 10 content simple
facets	Kind / Value / Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation additional carrier code belonging to the given contract number

source	`<xs:element name="CarrierCode" type="CompanyCode" minOccurs="0" maxOccurs="10">`
	`  <xs:annotation>`
	`  <xs:documentation>additional carrier code belonging to the given contract number</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

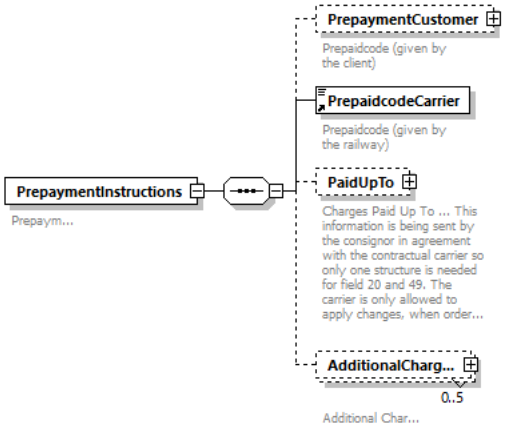
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 10 content simple
used by	element **WIMO_Dataset/ConsignmentLevelData**
facets	Kind / Value / Annotation minLength 1 — documentation: has to be sent as n6 (with leading zeros if necessary) maxLength 6
annotation	documentation additional contract number according to the given carrier code.

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

```
necessary)</xs:documentation>
        </xs:annotation>
      </xs:minLength>
      <xs:maxLength value="6"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

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

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

children: **PrepaymentCustomer PrepaidcodeCarrier PaidUpTo AdditionalCharges**

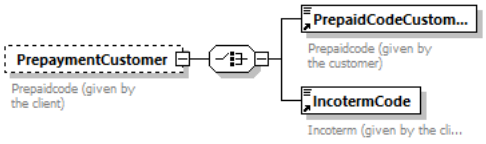
annotation: documentation
Prepayment

source

```
<xs:element name="PrepaymentInstructions">
  <xs:annotation>
    <xs:documentation>Prepayment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PrepaymentCustomer" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Prepaidcode (given by the
client)</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element ref="PrepaidCodeCustomer"/>
            <xs:element ref="IncotermCode"/>
          </xs:choice>
        </xs:complexType>
      </xs:element>
      <xs:element ref="PrepaidcodeCarrier"/>
      <xs:element name="PaidUpTo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Charges Paid Up To ... This information is being
sent by the consignor in agreement with the contractual carrier so only one
structure is needed for field 20 and 49. The carrier is only allowed to
apply changes, when ordered by the consignor.</xs:documentation>
```

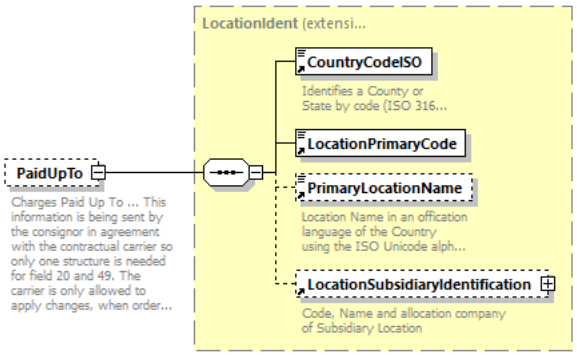
```
        </xs:annotation>
        <xs:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent"/>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5">
        <xs:annotation>
          <xs:documentation>Additional Charges</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Code">
              <xs:annotation>
                <xs:documentation>Additional charges code according CIT GLV-
CIM appendix 3</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2"/>
                  <xs:pattern value="\d*[1-9]\d*"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Description" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Additional charges
description</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

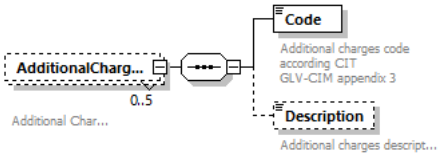
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex

children	**PrepaidCodeCustomer IncotermCode**
annotation	documentation Prepaidcode (given by the client)
source	<xs:element name="PrepaymentCustomer" minOccurs="0"> <xs:annotation> <xs:documentation>Prepaidcode (given by the client)</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element ref="PrepaidCodeCustomer"/> <xs:element ref="IncotermCode"/> </xs:choice> </xs:complexType> </xs:element>

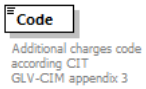
element **ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **LocationIdent**
properties	minOcc 0 maxOcc 1 content complex
children	**CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification**
annotation	documentation Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.
source	<xs:element name="PaidUpTo" minOccurs="0"> <xs:annotation> <xs:documentation>Charges Paid Up To ... This information is being sent by the consignor in agreement with the contractual carrier so only one structure is needed for field 20 and 49. The carrier is only allowed to apply changes, when ordered by the consignor.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element>

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

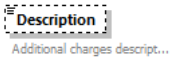
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 5 content complex
children	**Code** **Description**
annotation	documentation Additional Charges
source	<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="5"> <xs:annotation> <xs:documentation>Additional Charges</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

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

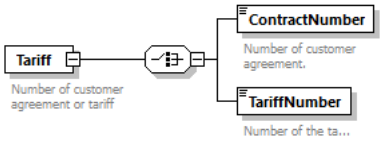
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation length 2 pattern \d*[1-9]\d*
annotation	documentation Additional charges code according CIT GLV-CIM appendix 3
source	<xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code according CIT GLV-CIM appendix 3</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element>

element
ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/AdditionalCharges/Description

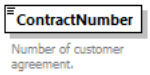
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Additional charges description
source	<xs:element name="Description" minOccurs="0"> <xs:annotation> <xs:documentation>Additional charges description</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**ContractNumber TariffNumber**
annotation	documentation Number of customer agreement or tariff

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

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

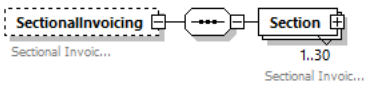
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **WIMO_Dataset/ConsignmentLevelData**
facets	Kind Value Annotation minLength 1 documentation has to be sent as n6 (with leading zeros if necessary) maxLength 6
annotation	documentation Number of customer agreement.
source	<xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of customer agreement.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 documentation has to be sent as n6 (with leading zeros if necessary, but without check digit) maxLength 6 pattern \d*[1-9]\d*
annotation	documentation Number of the tariff.
source	<xs:element name="TariffNumber"> <xs:annotation> <xs:documentation>Number of the tariff.</xs:documentation> </xs:annotation> <xs:simpleType>

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

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

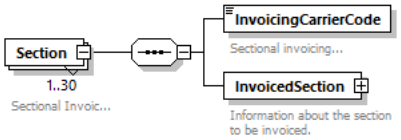
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**Section**
annotation	documentation Sectional Invoicing

source

```
<xs:element name="SectionalInvoicing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Sectional Invoicing</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Section" maxOccurs="30">
        <xs:annotation>
          <xs:documentation>Sectional Invoicing</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="InvoicingCarrierCode" type="CompanyCode">
              <xs:annotation>
                <xs:documentation>Sectional invoicing by</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="InvoicedSection">
              <xs:annotation>
                <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:choice>
                  <xs:element name="CountryCode" type="CountryIdentISO">
                    <xs:annotation>
                      <xs:documentation>Invoiced section specified by
country</xs:documentation>
                    </xs:annotation>
                  </xs:element>
```

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

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

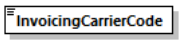
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 1 maxOcc 30 content complex
children	**InvoicingCarrierCode InvoicedSection**
annotation	documentation Sectional Invoicing

source

```
<xs:element name="Section" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Sectional Invoicing</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="InvoicingCarrierCode" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Sectional invoicing by</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="InvoicedSection">
        <xs:annotation>
          <xs:documentation>Information about the section to be
invoiced.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:choice>
            <xs:element name="CountryCode" type="CountryIdentISO">
              <xs:annotation>
                <xs:documentation>Invoiced section specified by
country</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="SectionCarrierCode" type="CompanyCode">
```

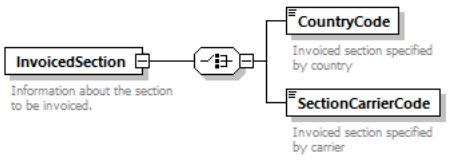
```
              <xs:annotation>
                <xs:documentation>Invoiced section specified by
carrier</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:choice>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Sectional invoicing by

source	`<xs:element name="InvoicingCarrierCode" type="CompanyCode">`
	`  <xs:annotation>`
	`  <xs:documentation>Sectional invoicing by</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

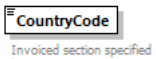
element **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**CountryCode** **SectionCarrierCode**
annotation	documentation Information about the section to be invoiced.

source	`<xs:element name="InvoicedSection">`
	`  <xs:annotation>`
	`  <xs:documentation>Information about the section to be invoiced.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:choice>`

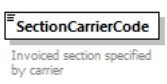
```
      <xs:element name="CountryCode" type="CountryIdentISO">
        <xs:annotation>
          <xs:documentation>Invoiced section specified by
country</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SectionCarrierCode" type="CompanyCode">
        <xs:annotation>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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CountryIdentISO**
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Invoiced section specified by country

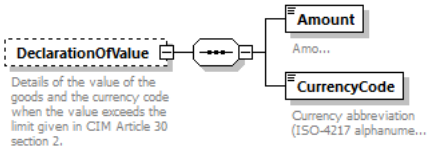
source	`<xs:element name="CountryCode" type="CountryIdentISO">`
	`  <xs:annotation>`
	`  <xs:documentation>Invoiced section specified by country</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
facets	Kind Value Annotation minLength 4 maxLength 4

	pattern [0-9A-Z]{4}
annotation	documentation Invoiced section specified by carrier
source	<xs:element name="SectionCarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Invoiced section specified by carrier</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**Amount CurrencyCode**
annotation	documentation Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.
source	<xs:element name="DeclarationOfValue" minOccurs="0"> <xs:annotation> <xs:documentation>Details of the value of the goods and the currency code when the value exceeds the limit given in CIM Article 30 section 2.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element> <xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

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

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Money_Type**
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Amount

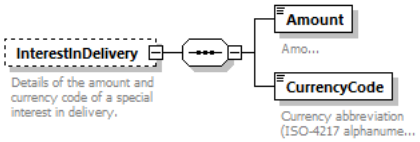
source	`<xs:element name="Amount" type="Money_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Amount</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CurrencyCode_Type**
properties	content simple
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)

source	`<xs:element name="CurrencyCode" type="CurrencyCode_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**Amount CurrencyCode**
annotation	documentation Details of the amount and currency code of a special interest in delivery.

source	`<xs:element name="InterestInDelivery" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Details of the amount and currency code of a special`

```
interest in delivery.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Amount" type="Money_Type">
        <xs:annotation>
          <xs:documentation>Amount</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CurrencyCode" type="CurrencyCode_Type">
        <xs:annotation>
          <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Money_Type**
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Amount

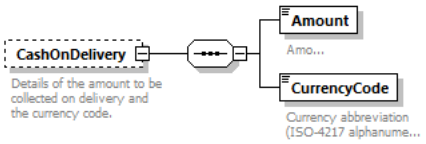
source	`<xs:element name="Amount" type="Money_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Amount</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CurrencyCode_Type**
properties	content simple
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)
source	`<xs:element name="CurrencyCode" type="CurrencyCode_Type">`

```
  <xs:annotation>
    <xs:documentation>Currency abbreviation (ISO-4217
alphanumeric)</xs:documentation>
  </xs:annotation>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**Amount** **CurrencyCode**
annotation	documentation Details of the amount to be collected on delivery and the currency code.

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

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

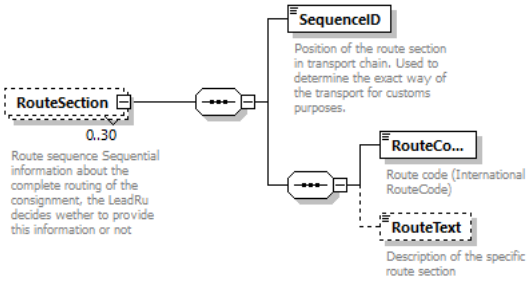
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Money_Type**
properties	content simple
facets	Kind Value Annotation totalDigits 18

	fractionDigits 2
annotation	documentation Amount
source	<xs:element name="Amount" type="Money_Type"> <xs:annotation> <xs:documentation>Amount</xs:documentation> </xs:annotation> </xs:element>

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

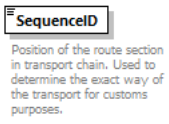
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CurrencyCode_Type**
properties	content simple
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation Currency abbreviation (ISO-4217 alphanumeric)
source	<xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Currency abbreviation (ISO-4217 alphanumeric)</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 30 content complex
children	**SequenceID RouteCode RouteText**
annotation	documentation Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not
source	<xs:element name="RouteSection" minOccurs="0" maxOccurs="30"> <xs:annotation> <xs:documentation>Route sequence Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide

```
this information or not</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element name="RouteCode">
          <xs:annotation>
            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="5"/>
              <xs:pattern value="\d*[1-9]\d*0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="RouteText" minOccurs="0">
          <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="80"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>
```

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

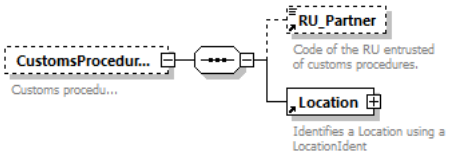
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation length 5 pattern \d*[1-9]\d*0
annotation	documentation Route code (International RouteCode)
source	<xs:element name="RouteCode"> <xs:annotation> <xs:documentation>Route 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>

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

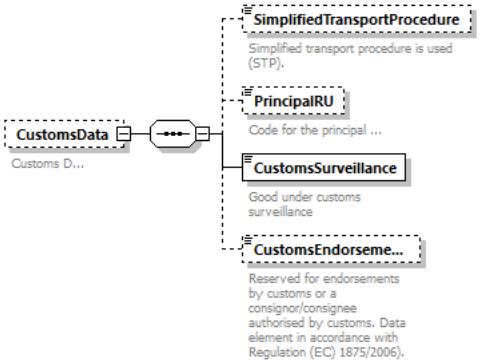
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Description of the specific route section
source	<xs:element name="RouteText" minOccurs="0"> <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>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**RU_Partner Location**
annotation	documentation Customs procedures
source	<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>

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

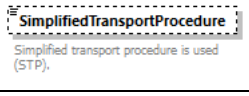
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	SimplifiedTransportProcedure PrincipalRU CustomsSurveillance CustomsEndorsements
annotation	documentation Customs Data

source

```
<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>
```

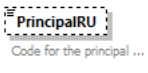
```
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:boolean**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Simplified transport procedure is used (STP).

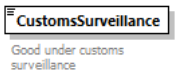
source	`<xs:element name="SimplifiedTransportProcedure" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Simplified transport procedure is used (STP).</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:boolean"/>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="PrincipalRU" type="CompanyCode" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Code for the principal RU</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

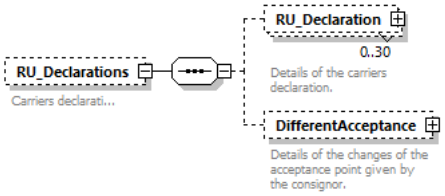
element **ConsignmentOrderMessage/COMS/COM/CustomsData/CustomsSurveillance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:boolean**
properties	content simple
annotation	documentation Good under customs surveillance
source	<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>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

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

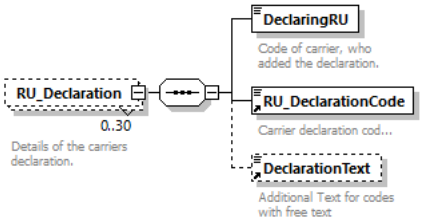
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**RU_Declaration DifferentAcceptance**
annotation	documentation Carriers declaration

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

```
                <xs:documentation>Variance of acceptance date given
structure AcceptancePoint.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:dateTime"/>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties:
- minOcc 0
- maxOcc 30
- content complex

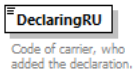
children: **DeclaringRU RU_DeclarationCode DeclarationText**

annotation:
documentation
Details of the carriers declaration.

source

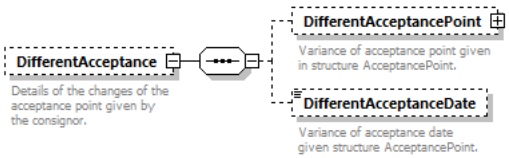
```
<xs:element name="RU_Declaration" minOccurs="0" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Details of the carriers
declaration.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="DeclaringRU" type="CompanyCode">
        <xs:annotation>
          <xs:documentation>Code of carrier, who added the
declaration.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="RU_DeclarationCode"/>
      <xs:element ref="DeclarationText" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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>`

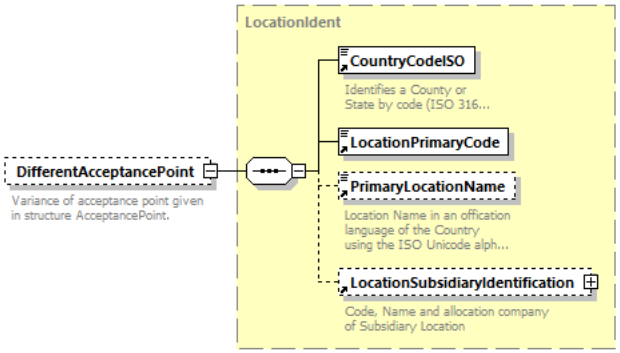
element **ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**DifferentAcceptancePoint** **DifferentAcceptanceDate**
annotation	documentation Details of the changes of the acceptance point given by the consignor.

source	`<xs:element name="DifferentAcceptance" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Details of the changes of the acceptance point given by the consignor.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation>`
	`  </xs:annotation>`
	`  </xs:element>`
	`  <xs:element name="DifferentAcceptanceDate" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation>`

```
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element
ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	minOcc 0 maxOcc 1 content complex
children	**CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification**
annotation	documentation Variance of acceptance point given in structure AcceptancePoint.

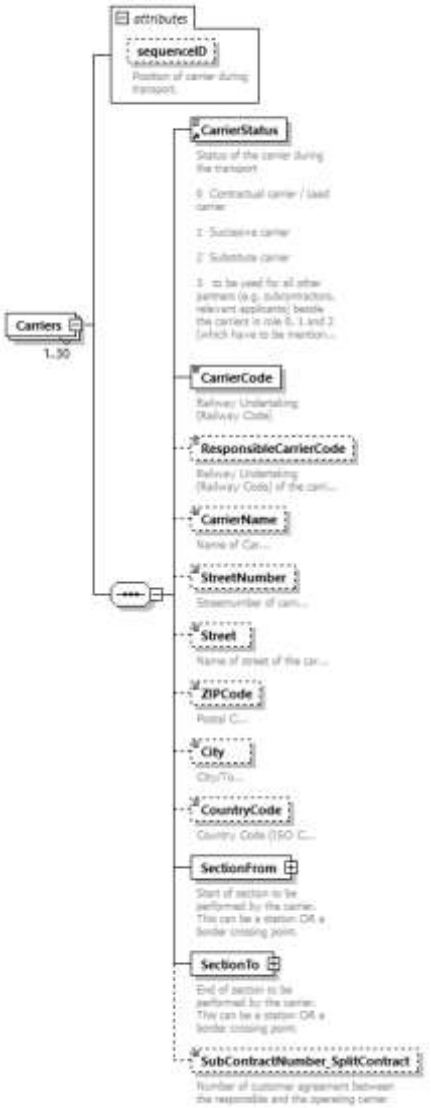
source	`<xs:element name="DifferentAcceptancePoint" type="LocationIdent" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Variance of acceptance point given in structure AcceptancePoint.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element
ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptanceDate

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:dateTime**
properties	minOcc 0 maxOcc 1

	content simple
annotation	documentation Variance of acceptance date given structure AcceptancePoint.
source	<xs:element name="DifferentAcceptanceDate" minOccurs="0"> <xs:annotation> <xs:documentation>Variance of acceptance date given structure AcceptancePoint.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 1 maxOcc 30 content complex

children	CarrierStatus CarrierCode ResponsibleCarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode SectionFrom SectionTo SubContractNumber SplitContract

attributes	Name	Type	Use	Default	Fixed	Annotation
	sequenceID	**xs:int**				documentation: Position of carrier during transport.

source

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

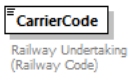
```
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>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

```
      <xs:annotation>
        <xs:documentation>Position of carrier during transport.
</xs:documentation>
      </xs:annotation>
    </xs:attribute>
  </xs:complexType>
</xs:element>
```

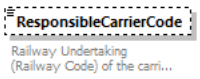
attribute **ConsignmentOrderMessage/COMS/COM/Carriers/@sequenceID**

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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Railway Undertaking (Railway Code)
source	<xs:element name="CarrierCode" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking (Railway Code)</xs:documentation> </xs:annotation> </xs:element>

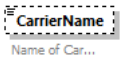
element **ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	minOcc 0 maxOcc 1 content simple

facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Railway Undertaking (Railway Code) of the carrier in charge.

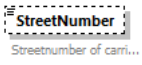
source	`<xs:element name="ResponsibleCarrierCode" type="CompanyCode" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Railway Undertaking (Railway Code) of the carrier in charge.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of Carrier

source	`<xs:element name="CarrierName" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Name of Carrier</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="35"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5

annotation	documentation Streetnumber of carrier.
source	<xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of street of the carrier
source	<xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element>

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

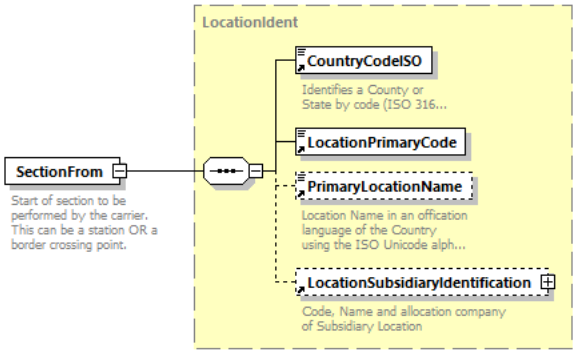
diagram	City City/To...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

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

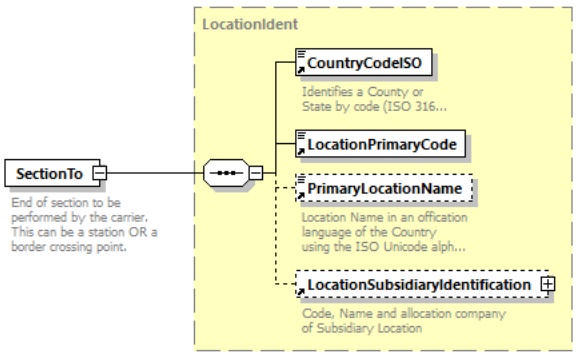
diagram	CountryCode Country Code (ISO C...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CountryIdentISO**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation

	minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element>

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

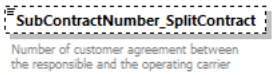
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification**
annotation	documentation Start of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<xs:element name="SectionFrom" type="LocationIdent"> <xs:annotation> <xs:documentation>Start of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element>

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

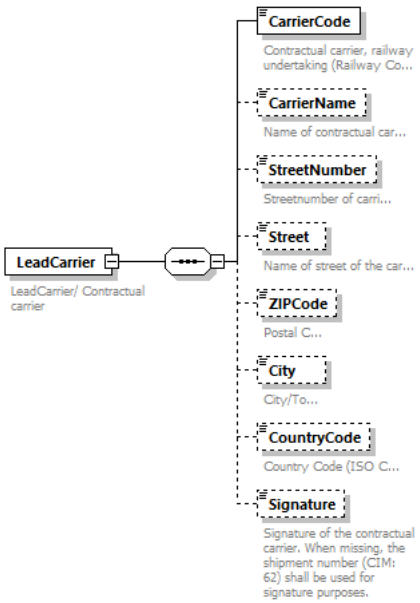
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	**LocationIdent**
properties	content complex
children	**CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification**
annotation	documentation End of section to be performed by the carrier. This can be a station OR a border crossing point.
source	<xs:element name="SectionTo" type="LocationIdent"> <xs:annotation> <xs:documentation>End of section to be performed by the carrier. This can be a station OR a border crossing point.</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 documentation has to be sent as n6 (with leading zeros if necessary) maxLength 6
annotation	documentation Number of customer agreement between the responsible and the operating carrier
source	<xs:element name="SubContractNumber_SplitContract" minOccurs="0"> <xs:annotation> <xs:documentation>Number of customer agreement between the responsible and the operating carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**CarrierCode CarrierName StreetNumber Street ZIPCode City CountryCode Signature**
annotation	documentation LeadCarrier/ Contractual carrier

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

```
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of street of the carrier</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="City" minOccurs="0">
        <xs:annotation>
          <xs:documentation>City/Town</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Country Code (ISO Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Signature" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Signature of the contractual carrier. When
missing, the shipment number (CIM: 62) shall be used for signature
purposes.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
```

	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Contractual carrier, railway undertaking (Railway Code).

source	`<xs:element name="CarrierCode" type="CompanyCode">`
	`  <xs:annotation>`
	`  <xs:documentation>Contractual carrier, railway undertaking (Railway Code).</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

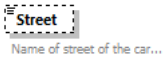
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of contractual carrier

source	`<xs:element name="CarrierName" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Name of contractual carrier</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="35"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Streetnumber of carrier.
source	<xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Streetnumber of carrier.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of street of the carrier
source	<xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Name of street of the carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element>

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

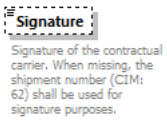
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation City/Town
source	<xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CountryIdentISO**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)

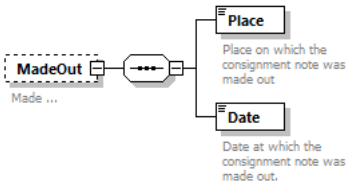
source	`<xs:element name="CountryCode" type="CountryIdentISO" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Country Code (ISO Code)</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.

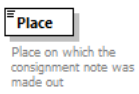
source	`<xs:element name="Signature" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Signature of the contractual carrier. When missing, the shipment number (CIM: 62) shall be used for signature purposes.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="35"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**Place** **Date**
annotation	documentation Made out

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

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

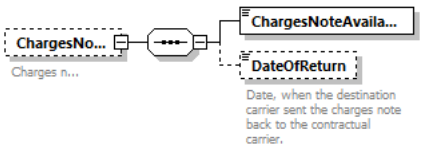
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple

facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Place on which the consignment note was made out
source	<xs:element name="Place"> <xs:annotation> <xs:documentation>Place on which the consignment note was made out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="35"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

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

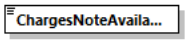
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
annotation	documentation Date at which the consignment note was made out.
source	<xs:element name="Date" type="xs:date"> <xs:annotation> <xs:documentation>Date at which the consignment note was made out.</xs:documentation> </xs:annotation> </xs:element>

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

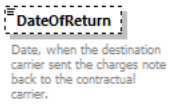
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**ChargesNoteAvailable DateOfReturn**
annotation	documentation Charges note
source	<xs:element name="ChargesNote" minOccurs="0"> <xs:annotation>

```
    <xs:documentation>Charges note</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ChargesNoteAvailable" type="xs:boolean"/>
      <xs:element name="DateOfReturn" type="xs:date" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date, when the destination carrier sent the
charges note back to the contractual carrier.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

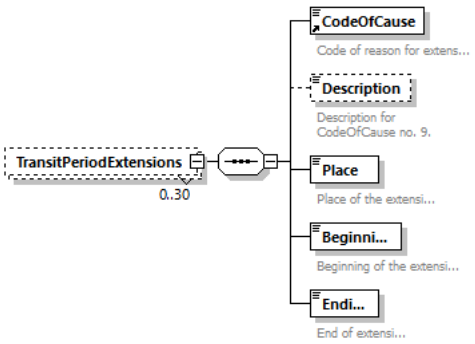
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
source	`<xs:element name="ChargesNoteAvailable" type="xs:boolean"/>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date, when the destination carrier sent the charges note back to the contractual carrier.

source	`<xs:element name="DateOfReturn" type="xs:date" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Date, when the destination carrier sent the charges note back to the contractual carrier.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

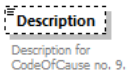
element **ConsignmentOrderMessage/COMS/COM/TransitPeriodExtensions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 30 content complex
children	**CodeOfCause** **Description** **Place** **Beginning** **Ending**

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

```
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:dateTime"/>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 180
annotation	documentation Description for CodeOfCause no. 9.

source	`<xs:element name="Description" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Description for CodeOfCause no. 9.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="180"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 180
annotation	documentation Place of the extension.

source	`<xs:element name="Place">`
	`  <xs:annotation>`
	`  <xs:documentation>Place of the extension.</xs:documentation>`

```
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="180"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:dateTime**
properties	content simple
annotation	documentation Beginning of the extension.

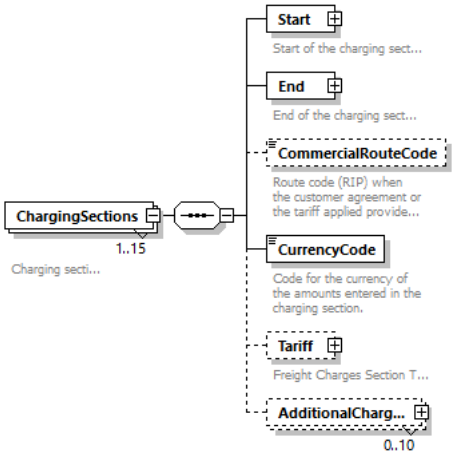
source	`<xs:element name="Beginning">`
	`  <xs:annotation>`
	`  <xs:documentation>Beginning of the extension.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:dateTime"/>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:dateTime**
properties	content simple
annotation	documentation End of extension.

source	`<xs:element name="Ending">`
	`  <xs:annotation>`
	`  <xs:documentation>End of extension.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:dateTime"/>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 1 maxOcc 15 content complex
children	**Start End CommercialRouteCode CurrencyCode Tariff AdditionalCharges**
annotation	documentation Charging section

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

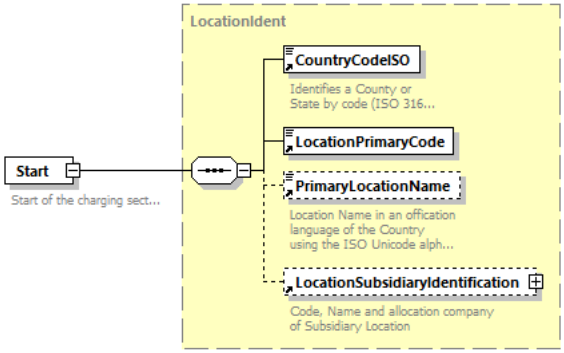
```
      </xs:element>
      <xs:element name="Tariff" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Freight Charges Section
Tariff</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="NHMCode" type="NHMCodeType">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

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

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

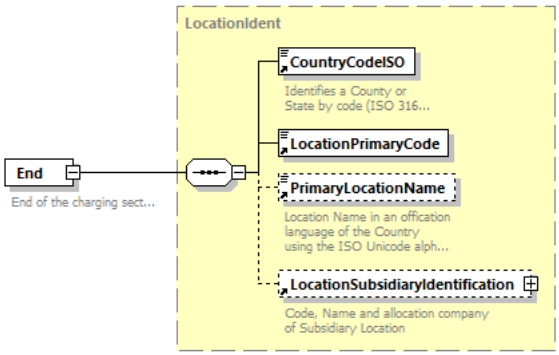
```
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
annotation	documentation Start of the charging section

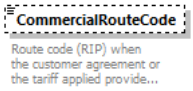
source	`<xs:element name="Start" type="LocationIdent">`
	`  <xs:annotation>`
	`  <xs:documentation>Start of the charging section</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

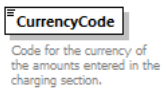
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**

annotation	documentation End of the charging section
source	<xs:element name="End" type="LocationIdent"> <xs:annotation> <xs:documentation>End of the charging section</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 3 pattern \d*[1-9]\d*
annotation	documentation Route code (RIP) when the customer agreement or the tariff applied provide for it.
source	<xs:element name="CommercialRouteCode" minOccurs="0"> <xs:annotation> <xs:documentation>Route code (RIP) when the customer agreement or the tariff applied provide for it. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="3"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element>

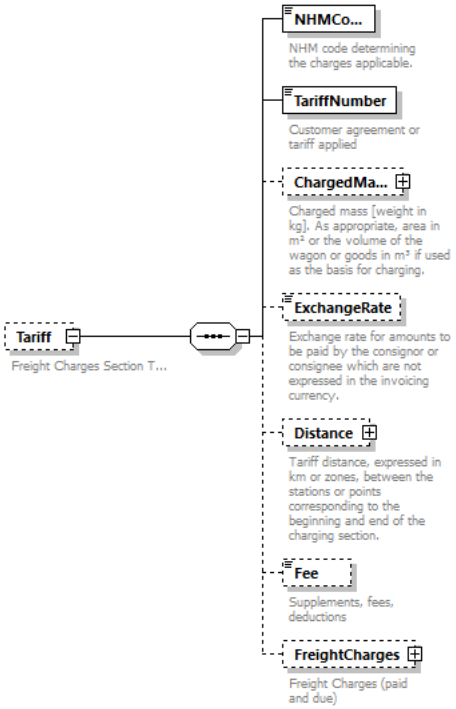
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CurrencyCode_Type**
properties	content simple
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation Code for the currency of the amounts entered in the charging section.
source	<xs:element name="CurrencyCode" type="CurrencyCode_Type"> <xs:annotation> <xs:documentation>Code for the currency of the amounts entered in the

```
charging section.</xs:documentation>
  </xs:annotation>
</xs:element>
```

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

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**NHMCode TariffNumber ChargedMass ExchangeRate Distance Fee FreightCharges**
annotation	documentation Freight Charges Section Tariff

source

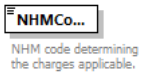
```
<xs:element name="Tariff" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Freight Charges Section Tariff</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NHMCode" type="NHMCodeType">
        <xs:annotation>
          <xs:documentation>NHM code determining the charges
applicable.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TariffNumber">
        <xs:annotation>
          <xs:documentation>Customer agreement or tariff
applied</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
```

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

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

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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**NHMCodeType**
properties	content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation NHM code determining the charges applicable.

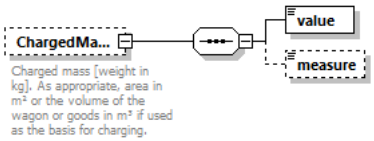
source	`<xs:element name="NHMCode" type="NHMCodeType">`
	`  <xs:annotation>`
	`  <xs:documentation>NHM code determining the charges applicable.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 6
annotation	documentation Customer agreement or tariff applied

source	`<xs:element name="TariffNumber">`
	`  <xs:annotation>`
	`  <xs:documentation>Customer agreement or tariff applied</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="6"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**value** **measure**
annotation	documentation Charged mass [weight in kg]. As appropriate, area in m^2 or the volume of the wagon or goods in m^3 if used as the basis for charging.

source	`<xs:element name="ChargedMass" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Charged mass [weight in kg]. As appropriate, area in m² or the volume of the wagon or goods in m³ if used as the basis for charging.</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element name="value">`
	`<xs:simpleType>`
	`<xs:restriction base="xs:decimal">`
	`<xs:minInclusive value="1"/>`
	`<xs:totalDigits value="8"/>`
	`<xs:fractionDigits value="1"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`<xs:element name="measure" minOccurs="0">`
	`<xs:simpleType>`
	`<xs:restriction base="xs:token">`
	`<xs:enumeration value="kg"/>`
	`<xs:enumeration value="m2"/>`
	`<xs:enumeration value="m3"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	content simple

facets	Kind / Value / Annotation minInclusive 1 totalDigits 8 fractionDigits 1
source	<xs:element name="value"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="1"/> <xs:totalDigits value="8"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

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

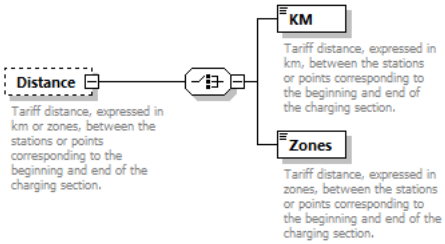
diagram	measure
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind / Value / Annotation enumeration kg enumeration m2 enumeration m3
source	<xs:element name="measure" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="kg"/> <xs:enumeration value="m2"/> <xs:enumeration value="m3"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	ExchangeRate Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind / Value / Annotation totalDigits 18 fractionDigits 3

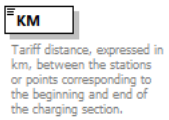
annotation	documentation Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.
source	<xs:element name="ExchangeRate" minOccurs="0"> <xs:annotation> <xs:documentation>Exchange rate for amounts to be paid by the consignor or consignee which are not expressed in the invoicing currency.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="18"/> <xs:fractionDigits value="3"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**KM Zones**
annotation	documentation Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.
source	<xs:element name="Distance" minOccurs="0"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:complexType> <xs:choice> <xs:element name="KM"> <xs:annotation> <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/> </xs:restriction> </xs:simpleType>

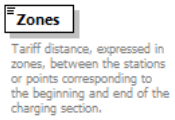
```
      </xs:element>
      <xs:element name="Zones">
        <xs:annotation>
          <xs:documentation>Tariff distance, expressed in zones, between the
stations or points corresponding to the beginning and end of the charging
section.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:choice>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.

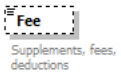
source	`<xs:element name="KM">`
	`  <xs:annotation>`
	`  <xs:documentation>Tariff distance, expressed in km, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:int">`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

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
annotation	documentation Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.

source	`<xs:element name="Zones">`
	`  <xs:annotation>`
	`  <xs:documentation>Tariff distance, expressed in zones, between the stations or points corresponding to the beginning and end of the charging section.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:int">`
	`  <xs:minInclusive value="1"/>`
	`  <xs:maxInclusive value="99"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

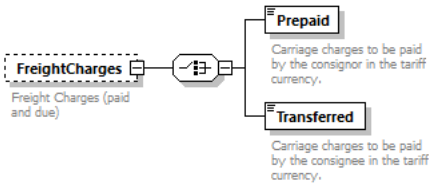
element **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/Fee**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 totalDigits 4
annotation	documentation Supplements, fees, deductions

source	`<xs:element name="Fee" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Supplements, fees, deductions</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:int">`
	`  <xs:totalDigits value="4"/>`
	`  <xs:minInclusive value="1"/>`
	`  </xs:restriction>`

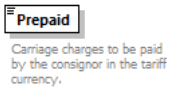
```
  </xs:simpleType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**Prepaid Transferred**
annotation	documentation Freight Charges (paid and due)

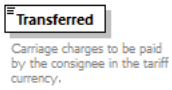
source	`<xs:element name="FreightCharges" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Freight Charges (paid and due)</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:choice>`
	`<xs:element name="Prepaid" type="Money_Type">`
	`<xs:annotation>`
	`<xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element name="Transferred" type="Money_Type">`
	`<xs:annotation>`
	`<xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`</xs:choice>`
	`</xs:complexType>`
	`</xs:element>`

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

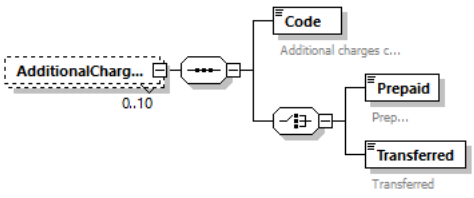
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Money_Type**
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2

annotation	documentation Carriage charges to be paid by the consignor in the tariff currency.
source	<xs:element name="Prepaid" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignor in the tariff currency.</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Money_Type**
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Carriage charges to be paid by the consignee in the tariff currency.
source	<xs:element name="Transferred" type="Money_Type"> <xs:annotation> <xs:documentation>Carriage charges to be paid by the consignee in the tariff currency.</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 10 content complex
children	**Code Prepaid Transferred**
annotation	documentation Sum of Prepaid documentation Sum of Transferred
source	<xs:element name="AdditionalCharges" minOccurs="0" maxOccurs="10"> <xs:annotation> <xs:documentation/> <xs:documentation>Sum of Prepaid</xs:documentation> <xs:documentation>Sum of Transferred</xs:documentation>

```
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Code">
        <xs:annotation>
          <xs:documentation>Additional charges code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:choice>
        <xs:element name="Prepaid" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Prepaid</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="Transferred" type="Money_Type">
          <xs:annotation>
            <xs:documentation>Transferred</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

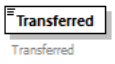
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Additional charges code
source	<xs:element name="Code"> <xs:annotation> <xs:documentation>Additional charges code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="2"/> </xs:restriction> </xs:simpleType> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Money_Type**
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Prepaid

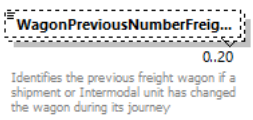
source	`<xs:element name="Prepaid" type="Money_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Prepaid</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Money_Type**
properties	content simple
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Transferred

source	`<xs:element name="Transferred" type="Money_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>Transferred</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **WagonIdent**
properties	minOcc 0 maxOcc 20 content simple

facets	Kind Value Annotation length 12 maxLength 12 pattern [0-9]{12}
annotation	documentation Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey
source	<xs:element name="WagonPreviousNumberFreight" minOccurs="0" maxOccurs="20"> <xs:annotation> <xs:documentation>Identifies the previous freight wagon if a shipment or Intermodal unit has changed the wagon during its journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="WagonIdent"> <xs:length value="12"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ContainerHandlingFlag**

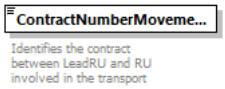
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
used by	element **LocationPrimaryInformation**
annotation	documentation This establishment is able to handle container traffic
source	<xs:element name="ContainerHandlingFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>This establishment is able to handle container traffic</xs:documentation> </xs:annotation> </xs:element>

element **ContractNumber**

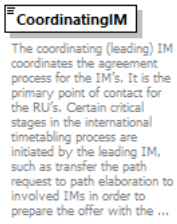
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **WIMO_Dataset/ConsignmentLevelData**
facets	Kind Value Annotation minLength 1 documentation has to be sent as n6 (with leading zeros if necessary) maxLength 6

annotation	documentation Number of agreement between LeadRU and Responsible RU
source	<xs:element name="ContractNumber"> <xs:annotation> <xs:documentation>Number of agreement between LeadRU and Responsible RU</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"> <xs:annotation> <xs:documentation>has to be sent as n6 (with leading zeros if necessary)</xs:documentation> </xs:annotation> </xs:minLength> <xs:maxLength value="6"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ContractNumberMovement**

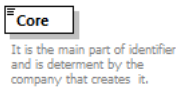
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Identifies the contract between LeadRU and RU involved in the transport
source	<xs:element name="ContractNumberMovement" type="FreeText"> <xs:annotation> <xs:documentation>Identifies the contract between LeadRU and RU involved in the transport</xs:documentation> </xs:annotation> </xs:element>

element **CoordinatingIM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

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

element **Core**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	complexTypes **CompositIdentifierOperationalType** **CompositIdentifierPlannedType**
facets	Kind Value Annotation minLength 12 maxLength 12 whiteSpace replace pattern [\-*0-9A-Z]{12}
annotation	documentation It is the main part of identifier and is determent by the company that creates it.

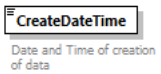
source	`<xs:element name="Core">`
	`  <xs:annotation>`
	`  <xs:documentation>It is the main part of identifier and is determent by the company that creates it.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="12"/>`
	`  <xs:whiteSpace value="replace"/>`
	`  <xs:maxLength value="12"/>`
	`  <xs:pattern value="[\-\*0-9A-Z]{12}"/>`
	`  </xs:restriction>`

```
  </xs:simpleType>
</xs:element>
```

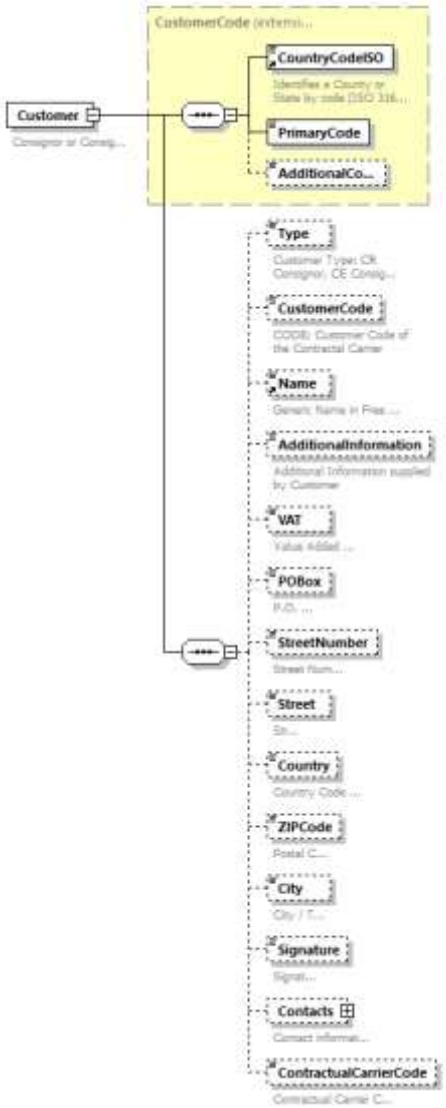
element **CountryCodeISO**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **CountryIdentISO**
properties	content complex
used by	elements **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber** **RollingRoadUnit/RollingRoadUnitDetails/Haulier** **LocationFileDatasetMessage** **RollingRoadUnit/RollingRoadUnitDetails/Vehicles** complexTypes **CustomerCode** **LocationIdent**
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Identifies a County or State by code (ISO 3166-1)
source	<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>

element **CreateDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
annotation	documentation Date and Time of creation of data
source	<xs:element name="CreateDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of creation of data </xs:documentation> </xs:annotation> </xs:element>

element **Customer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="Customer">`
	`<xs:annotation>`
	`<xs:documentation>Consignor or Consignee</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:complexContent>`
	`<xs:extension base="CustomerCode">`
	`<xs:sequence>`
	`<xs:element name="Type" minOccurs="0">`

```
            <xs:annotation>
              <xs:documentation>Customer Type: CR Consignor, CE
Consignee</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:token">
                <xs:enumeration value="CR"/>
                <xs:enumeration value="CE"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="CustomerCode" minOccurs="0">
            <xs:annotation>
              <xs:documentation>CODE: Customer Code of the Contractal
Carrier</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="16"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element ref="Name" minOccurs="0"/>
          <xs:element name="AdditionalInformation" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Additional Information supplied by
Customer</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="45"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="VAT" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Value Added Tax</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="25"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="POBox" minOccurs="0">
            <xs:annotation>
              <xs:documentation>P.O. Box</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="35"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
```

```
            <xs:element name="StreetNumber" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Street Number</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="5"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Street" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Street</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Country" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Country Code ISO</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="2"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="ZIPCode" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Postal Code</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="9"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="City" minOccurs="0">
              <xs:annotation>
                <xs:documentation>City / Town</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="35"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Signature" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Signature</xs:documentation>
              </xs:annotation>
```

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

element **Customer/Type**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="Type" minOccurs="0"> <xs:annotation> <xs:documentation>Customer Type: CR Consignor, CE Consignee</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"/> <xs:enumeration value="CE"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/CustomerCode**

diagram	CustomerCode CODE: Customer Code of the Contractal Carrier
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 Contractal Carrier
source	<xs:element name="CustomerCode" minOccurs="0"> <xs:annotation> <xs:documentation>CODE: Customer Code of the Contractal Carrier</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/AdditionalInformation**

diagram	AdditionalInformation Additional Information supplied by Customer
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

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	<xs:element name="AdditionalInformation" minOccurs="0"> <xs:annotation> <xs:documentation>Additional Information supplied by Customer</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="45"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/VAT**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="VAT" minOccurs="0"> <xs:annotation> <xs:documentation>Value Added Tax</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/POBox**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="POBox" minOccurs="0"> <xs:annotation> <xs:documentation>P.O. Box</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/StreetNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Street Number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/Street**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Street
source	<xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/Country**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 2
annotation	documentation Country Code ISO
source	<xs:element name="Country" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code ISO</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="2"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/ZIPCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="9"/> </xs:restriction> </xs:simpleType> </xs:element>

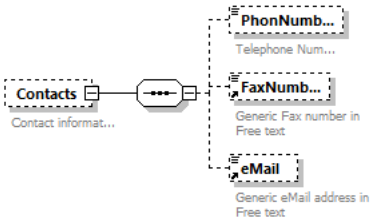
element **Customer/City**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City / Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/Signature**

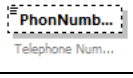
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Signature
source	<xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customer/Contacts**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**PhonNumber FaxNumber eMail**
annotation	documentation Contact information
source	<xs:element name="Contacts" minOccurs="0"> <xs:annotation> <xs:documentation>Contact information</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="PhonNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Telephone Number</xs:documentation> </xs:annotation>

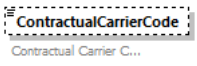
```
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="30"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="FaxNumber" minOccurs="0"/>
      <xs:element ref="eMail" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Customer/Contacts/PhonNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 30
annotation	documentation Telephone Number

source	`<xs:element name="PhonNumber" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Telephone Number</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="30"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

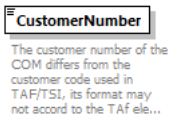
element **Customer/ContractualCarrierCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 4
annotation	documentation Contractual Carrier Code

source

```
<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>
```

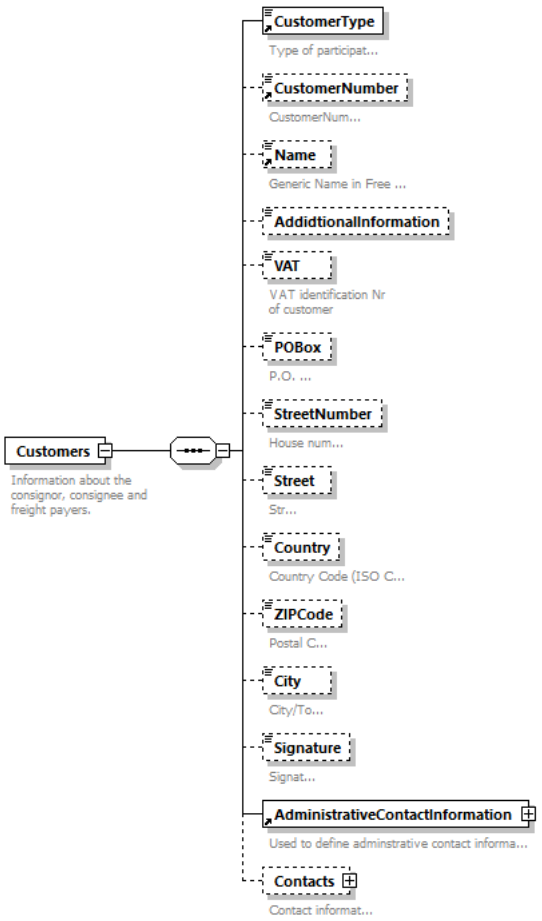
element **CustomerNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<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>
```

element **Customers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**CustomerType** CustomerNumber Name AddidtionalInformation VAT POBox StreetNumber Street Country ZIPCode City Signature AdministrativeContactInformation Contacts
used by	elements ConsignmentOrderMessage/COMS/COM WagonDeliveryNoticeMessage WagonDepartureNoticeMessage WagonReleaseNoticeMessage
annotation	documentation Information about the consignor, consignee and freight payers.

source	`<xs:element name="Customers">`
	`  <xs:annotation>`
	`  <xs:documentation>Information about the consignor, consignee and freight payers.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="CustomerType"/>`
	`  <xs:element ref="CustomerNumber" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>CustomerNumber</xs:documentation>`
	`  </xs:annotation>`
	`  </xs:element>`
	`  <xs:element ref="Name" minOccurs="0"/>`
	`  <xs:element name="AddidtionalInformation" minOccurs="0"/>`
	`  <xs:element name="VAT" minOccurs="0">`

```
        <xs:annotation>
          <xs:documentation>VAT identification Nr of
customer</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="POBox" minOccurs="0">
        <xs:annotation>
          <xs:documentation>P.O. Box</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="StreetNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>House number</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="5"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Street" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Street</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Country" type="CountryIdentISO" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Country Code (ISO Code)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ZIPCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Postal Code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="9"/>
          </xs:restriction>
```

```
        </xs:simpleType>
      </xs:element>
      <xs:element name="City" minOccurs="0">
        <xs:annotation>
          <xs:documentation>City/Town</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Signature" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Signature</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="35"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="AdministrativeContactInformation"/>
      <xs:element name="Contacts" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Contact information</xs:documentation>
          <xs:documentation>RULE: Transmission of empty tag is
prohibited.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="PhoneNumber" type="CommunicationRefID"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Telephone number</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="FaxNumber" type="CommunicationRefID"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Fax number</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="Email" type="CommunicationRefID"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Email address</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Customers/AddidtionalInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1
source	`<xs:element name="AddidtionalInformation" minOccurs="0"/>`

element **Customers/VAT**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 25
annotation	documentation VAT identification Nr of customer

source	`<xs:element name="VAT" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>VAT identification Nr of customer</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="25"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **Customers/POBox**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<xs:element name="POBox" minOccurs="0">
  <xs:annotation>
    <xs:documentation>P.O. Box</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="35"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **Customers/StreetNumber**

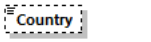
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation House number
source	<xs:element name="StreetNumber" minOccurs="0"> <xs:annotation> <xs:documentation>House number</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customers/Street**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation

	Street
source	<xs:element name="Street" minOccurs="0"> <xs:annotation> <xs:documentation>Street</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Customers/Country**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CountryIdentISO**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country Code (ISO Code)
source	<xs:element name="Country" type="CountryIdentISO" minOccurs="0"> <xs:annotation> <xs:documentation>Country Code (ISO Code)</xs:documentation> </xs:annotation> </xs:element>

element **Customers/ZIPCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ZIPCode" minOccurs="0"> <xs:annotation> <xs:documentation>Postal Code</xs:documentation> </xs:annotation>

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

element **Customers/City**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="City" minOccurs="0"> <xs:annotation> <xs:documentation>City/Town</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element>

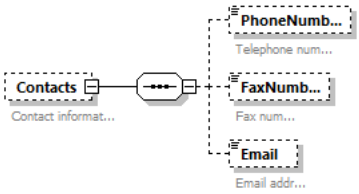
element **Customers/Signature**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Signature
source	<xs:element name="Signature" minOccurs="0"> <xs:annotation> <xs:documentation>Signature</xs:documentation>

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

element **Customers/Contacts**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties:

minOcc	0
maxOcc	1
content	complex

children: **PhoneNumber** **FaxNumber** **Email**

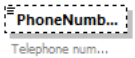
annotation:

documentation
Contact information
documentation
RULE: Transmission of empty tag is prohibited.

source

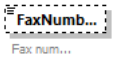
```
<xs:element name="Contacts" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Contact information</xs:documentation>
    <xs:documentation>RULE: Transmission of empty tag is
prohibited.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="PhoneNumber" type="CommunicationRefID"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Telephone number</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="FaxNumber" type="CommunicationRefID" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Fax number</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Email" type="CommunicationRefID" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Email address</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Customers/Contacts/PhoneNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CommunicationRefID**
properties	minOcc 0 maxOcc 1 content simple
used by	element **AdministrativeContactInformation**
facets	Kind Value Annotation minLength 1 maxLength 70
annotation	documentation Telephone number

source	`<xs:element name="PhoneNumber" type="CommunicationRefID" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Telephone number</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **Customers/Contacts/FaxNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CommunicationRefID**
properties	minOcc 0 maxOcc 1 content simple
used by	elements **AdministrativeContactInformation** **Customer/Contacts**
facets	Kind Value Annotation minLength 1 maxLength 70
annotation	documentation Fax number

source	`<xs:element name="FaxNumber" type="CommunicationRefID" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Fax number</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

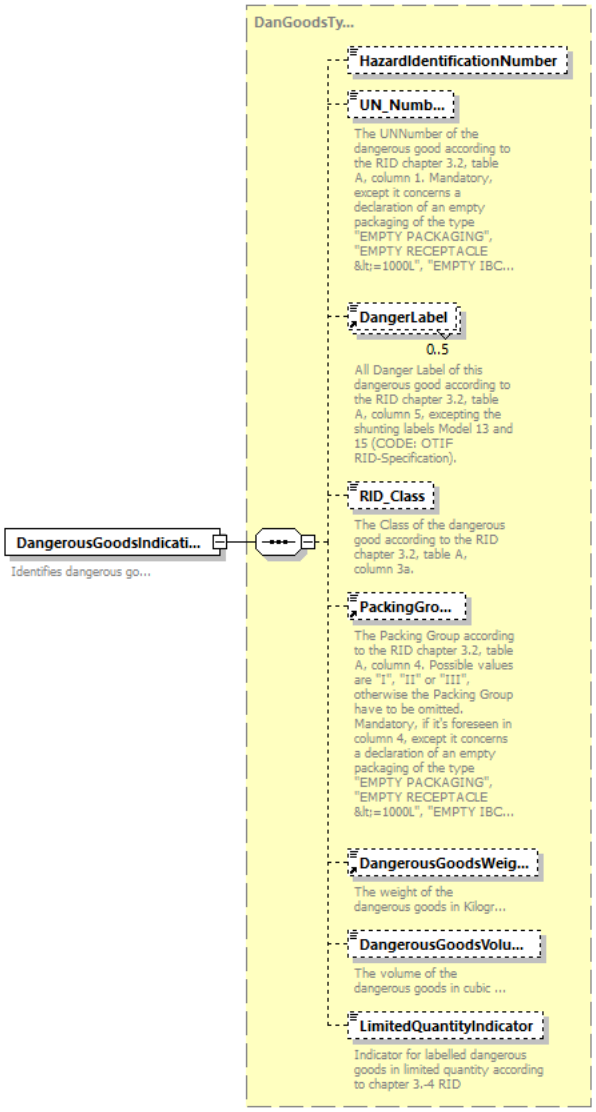
element **Customers/Contacts/Email**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CommunicationRefID**

properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 70
annotation	documentation Email address

source	`<xs:element name="Email" type="CommunicationRefID" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Email address</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

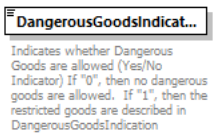
element **DangerousGoodsIndication**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

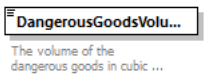
source	`<xs:element name="DangerousGoodsIndication" type="DanGoodsType">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies dangerous goods</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **DangerousGoodsIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **DangerousGoodsVolume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**VolumeValue**
properties	content simple
used by	element **SummaryOFGoodsWithSameRID**
annotation	documentation The volume of the dangerous goods in cubic meters
source	`<xs:element name="DangerousGoodsVolume" type="VolumeValue">` `  <xs:annotation>`

```
    <xs:documentation>The volume of the dangerous goods in cubic
meters</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **DangerousGoodsWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

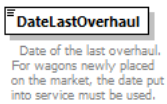
source	`<xs:element name="DangerousGoodsWeight" type="WeightValueKilo">`
	`  <xs:annotation>`
	`  <xs:documentation>The weight of dangerous goods in kilograms</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **Date**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
annotation	documentation Date

source	`<xs:element name="Date" type="xs:date">`
	`  <xs:annotation>`
	`  <xs:documentation>Date</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

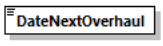
element **DateLastOverhaul**

diagram	

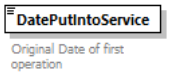
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
annotation	documentation Date of the last overhaul. For wagons newly placed on the market, the date put into service must be used.

source	`<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**

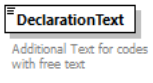
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
source	`<xs:element name="DateNextOverhaul" type="xs:date"/>`

element **DatePutIntoService**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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>`

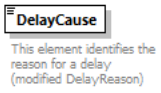
element **DeclarationText**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **DelayCause**

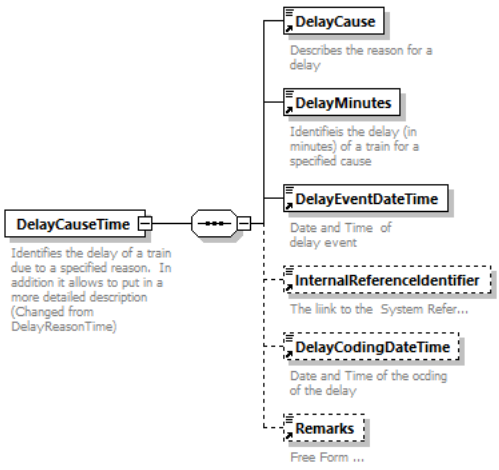
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**DelayCode**
properties	content simple
used by	elements **DelayCauseTime** **TrainReadyMessage/TrainReadyStatus** **TrainReadyStatus**
facets	Kind Value Annotation enumeration 11 documentation Formation of trains if managed by infrastructure manager enumeration 10 documentation Timetable compilation enumeration 12 documentation Mistakes in operational procedures enumeration 13 documentation Wrong application of priority rules enumeration 14 enumeration 18 documentation Staff enumeration 19 documentation Other causes related to the operational planning and management enumeration 20 documentation Signalling installations enumeration 21 documentation Signalling installations at level crossings enumeration 22 documentation Telecommunication installations enumeration 23 documentation Power supply equipment enumeration 24 documentation Track enumeration 25 documentation

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

	enumeration 91 documentation Track occupation caused by the lateness of the same train enumeration 92 documentation Track occupation caused by the lateness of another train enumeration 93 documentation Turn round enumeration 94 documentation Connection enumeration 95 documentation Further investigation needed
annotation	documentation 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/3.3
properties	content complex
children	**DelayCause** **DelayMinutes** **DelayEventDateTime** **InternalReferenceIdentifier** **DelayCodingDateTime** **Remarks**
used by	element **DelayEventReport**
annotation	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)

source	`<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`

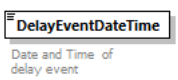
```
delay</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DelayMinutes"/>
      <xs:element ref="DelayEventDateTime"/>
      <xs:element ref="InternalReferenceIdentifier" minOccurs="0">
        <xs:annotation>
          <xs:documentation>The liink to the  System
Reference</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DelayCodingDateTime" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date and Time of the ocding of the
delay</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Remarks" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **DelayCodingDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **DelayCauseTime**
annotation	documentation Date and Time of the coding of the delay

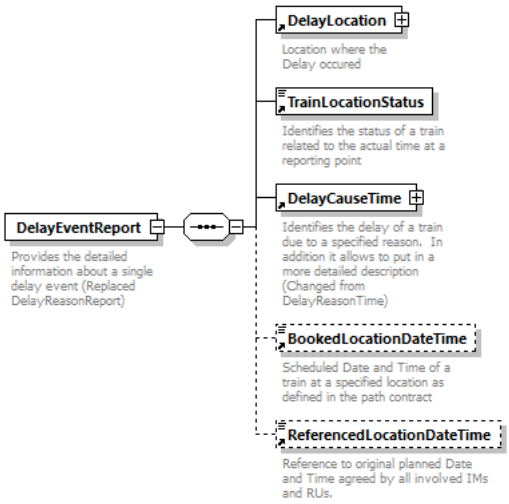
source	`<xs:element name="DelayCodingDateTime" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>Date and Time of the coding of the delay</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **DelayEventDateTime**

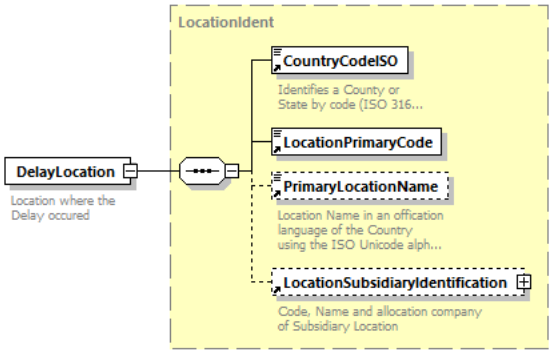
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **DelayCauseTime**
annotation	documentation

	Date and Time of delay event
source	<xs:element name="DelayEventDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Date and Time of delay event </xs:documentation> </xs:annotation> </xs:element>

element **DelayEventReport**

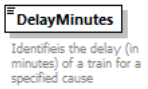
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	DelayLocation TrainLocationStatus DelayCauseTime BookedLocationDateTime ReferencedLocationDateTime
used by	element TrainDelayCauseMessage
annotation	documentation Provides the detailed information about a single delay event (Replaced DelayReasonReport)
source	<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>

element **DelayLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
used by	element **DelayEventReport**
annotation	documentation Location where the Delay occured

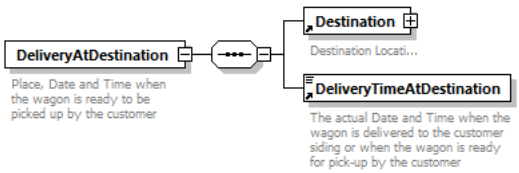
source	`<xs:element name="DelayLocation" type="LocationIdent">`
	`  <xs:annotation>`
	`  <xs:documentation>Location where the Delay occured</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **DelayMinutes**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**String1-5**
properties	content simple
used by	element **DelayCauseTime**
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Identifieis the delay (in minutes) of a train for a specified cause

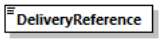
source	`<xs:element name="DelayMinutes" type="String1-5">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifieis the delay (in minutes) of a train for a specified cause</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **DeliveryAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Destination** **DeliveryTimeAtDestination**
used by	element **WagonDeliveryNoticeMessage**
annotation	documentation Place, Date and Time when the wagon is ready to be picked up by the customer

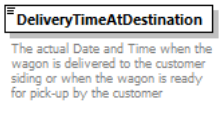
source	`<xs:element name="DeliveryAtDestination">`
	`<xs:annotation>`
	`<xs:documentation>Place, Date and Time when the wagon is ready to be picked up by the customer</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="Destination"/>`
	`<xs:element ref="DeliveryTimeAtDestination"/>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

element **DeliveryReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	elements **ITU_Details** **Wagons/WagonDetails**
facets	Kind Value Annotation minLength 1 maxLength 30

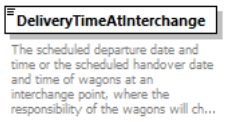
source	`<xs:element name="DeliveryReference">`
	`<xs:annotation/>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:maxLength value="30"/>`
	`<xs:minLength value="1"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

element **DeliveryTimeAtDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

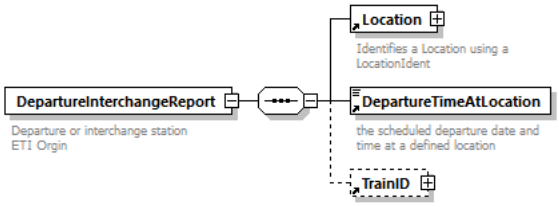
source	`<xs:element name="DeliveryTimeAtDestination" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>The actual Date and Time when the wagon is delivered to the customer siding or when the wagon is ready for pick-up by the customer</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **DeliveryTimeAtInterchange**

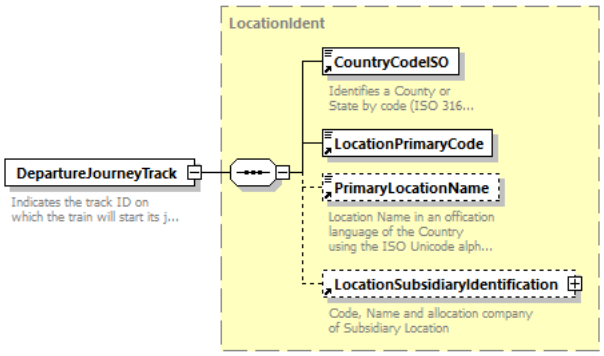
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **NextIntermediateDestination**
annotation	documentation The scheduled departure date and time or the scheduled handover date and time of wagons at an interchange point, where the responsibility of the wagons will change to another RU

source	`<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>`

element **DepartureInterchangeReport**

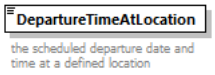
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **DepartureTimeAtLocation** **TrainID**
used by	element **WagonETI_ETA_Message**
annotation	documentation Departure or interchange station ETI Orgin
source	<xs:element name="DepartureInterchangeReport"> <xs:annotation> <xs:documentation>Departure or interchange station ETI Orgin</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>

element **DepartureJourneyTrack**

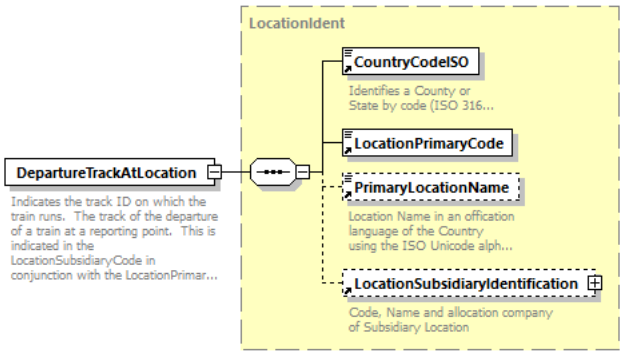
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
annotation	documentation Indicates the track ID on which the train will start its journey.
source	<xs:element name="DepartureJourneyTrack" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train will start

	its journey.</xs:documentation> </xs:annotation> </xs:element>

element **DepartureTimeAtLocation**

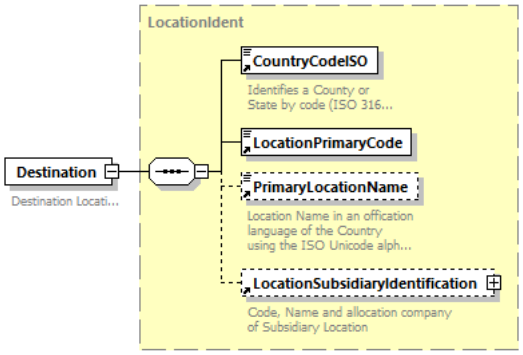
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	elements **DepartureInterchangeReport** **WagonAtDeparture** **WagonPickupAtOrigin** **YardDeparture**
annotation	documentation the scheduled departure date and time at a defined location
source	<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>

element **DepartureTrackAtLocation**

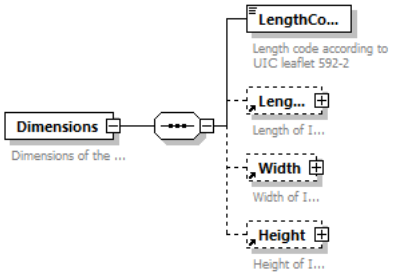
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
annotation	documentation Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.
source	<xs:element name="DepartureTrackAtLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Indicates the track ID on which the train runs. The track of the departure of a train at a reporting point. This is indicated in the LocationSubsidiaryCode in conjunction with the LocationPrimaryCode.</xs:documentation> </xs:annotation>

	</xs:element>

element **Destination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
used by	elements **ArrivalAtDestination** **WIMO_Dataset/ConsignmentLevelData** **DeliveryAtDestination**
annotation	documentation Destination Location
source	<xs:element name="Destination" type="LocationIdent"> <xs:annotation> <xs:documentation>Destination Location</xs:documentation> </xs:annotation> </xs:element>

element **Dimensions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LengthCode** **Length** **Width** **Height**
used by	element **ITU_Details**
annotation	documentation Dimensions of the UTI.
source	<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>
```

element **Dimensions/LengthCode**

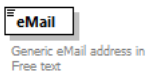
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
facets	Kind Value Annotation minInclusive 10 totalDigits 2
annotation	documentation Length code according to UIC leaflet 592-2 documentation CODE: UIC leaflet 592-2
source	<xs:element 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>

element **DwellTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	content simple
used by	element **TimingAtLocation**
facets	Kind Value Annotation fractionDigits 1
annotation	documentation The minimum duration of dwell time expressed in minutes

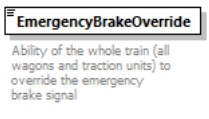
source	`<xs:element name="DwellTime">`
	`  <xs:annotation>`
	`  <xs:documentation>The minimum duration of dwell time expressed in minutes </xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:decimal">`
	`  <xs:fractionDigits value="1"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **eMail**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CommunicationRefID**
properties	content simple
used by	elements **AdministrativeContactInformation** **Customer/Contacts**
facets	Kind Value Annotation minLength 1 maxLength 70
annotation	documentation Generic eMail address in Free text

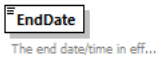
source	`<xs:element name="eMail" type="CommunicationRefID">`
	`  <xs:annotation>`
	`  <xs:documentation>Generic eMail address in Free text</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **EmergencyBrakeOverride**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

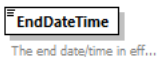
source	`<xs:element name="EmergencyBrakeOverride" type="xs:boolean">`
	`  <xs:annotation>`
	`  <xs:documentation>Ability of the whole train (all wagons and traction units) to override the emergency brake signal</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **EndDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
annotation	documentation The end date/time in effect

source	`<xs:element name="EndDate" type="xs:date">`
	`  <xs:annotation>`
	`  <xs:documentation>The end date/time in effect</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

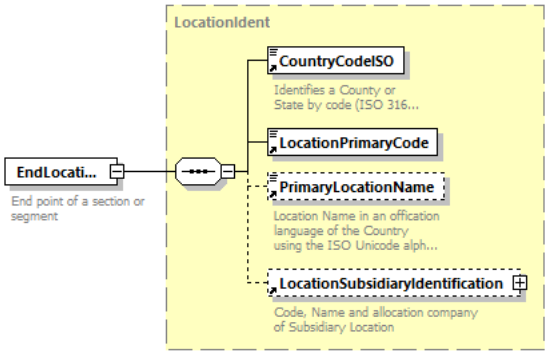
element **EndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	elements **RequestedPeriod** **RequestedTimeframe** **ValidityPeriod**
annotation	documentation The end date/time in effect

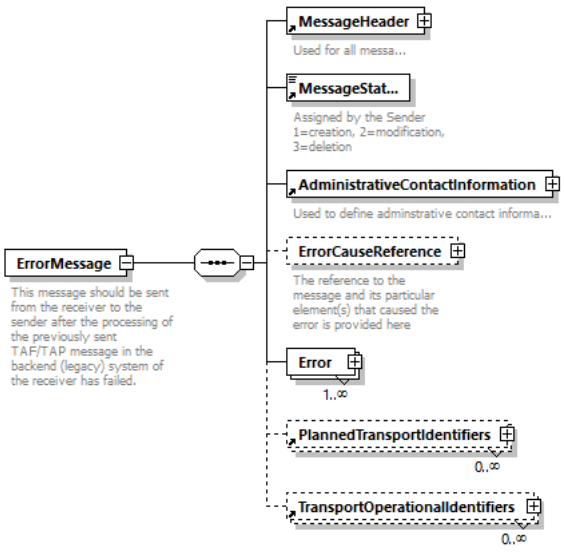
source	`<xs:element name="EndDateTime" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>The end date/time in effect</xs:documentation>`
	`  </xs:annotation>`

	</xs:element>

element **EndLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification**
annotation	documentation End point of a section or segment
source	<xs:element name="EndLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>End point of a section or segment</xs:documentation> </xs:annotation> </xs:element>

element **ErrorMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader MessageStatus AdministrativeContactInformation ErrorCauseReference Error**

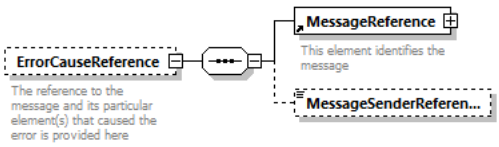
	PlannedTransportIdentifiers TransportOperationalIdentifiers
annotation	documentation This message should be sent from the receiver to the sender after the processing of the previously sent TAF/TAP message in the backend (legacy) system of the receiver has failed.

source

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

element **ErrorMessage/ErrorCauseReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**MessageReference** **MessageSenderReference**
annotation	documentation The reference to the message and its particular element(s) that caused the error is provided here

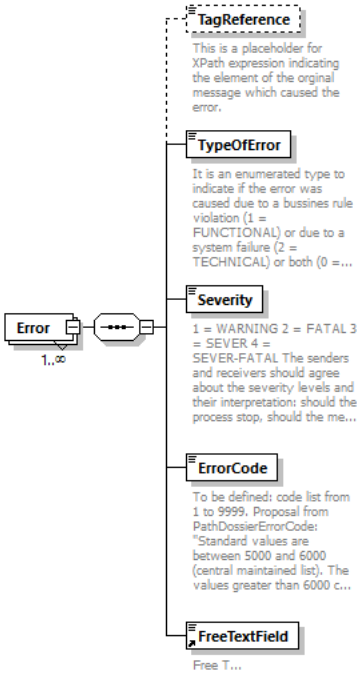
source	`<xs:element name="ErrorCauseReference" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>The reference to the message and its particular`

```
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>
```

element **ErrorMessage/ErrorCauseReference/MessageSenderReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	`<xs:element name="MessageSenderReference" type="FreeText" minOccurs="0"/>`

element **ErrorMessage/Error**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 1 maxOcc unbounded content complex

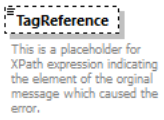
children	TagReference TypeOfError Severity ErrorCode FreeTextField

source

```
<xs:element name="Error" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TagReference" type="xs:string" minOccurs="0">
        <xs:annotation>
          <xs:documentation>This is a placeholder for XPath expression
indicating the element of the orginal message which caused the
error.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TypeOfError">
        <xs:annotation>
          <xs:documentation>It is an enumerated type to indicate if the
error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to
a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Severity">
        <xs:annotation>
          <xs:documentation>1 = WARNING 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>
```

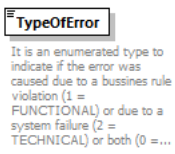
```
  </xs:complexType>
</xs:element>
```

element **ErrorMessage/Error/TagReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:string**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.

source	`<xs:element name="TagReference" type="xs:string" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>This is a placeholder for XPath expression indicating the element of the orginal message which caused the error.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

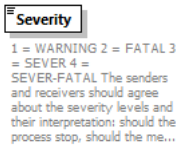
element **ErrorMessage/Error/TypeOfError**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind Value Annotation enumeration 0 enumeration 1 enumeration 2
annotation	documentation It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)

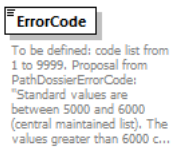
source	`<xs:element name="TypeOfError">`
	`  <xs:annotation>`
	`  <xs:documentation>It is an enumerated type to indicate if the error was caused due to a bussines rule violation (1 = FUNCTIONAL) or due to a system failure (2 = TECHNICAL) or both (0 = BOTH)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:enumeration value="0"/>`
	`  <xs:enumeration value="1"/>`

```
      <xs:enumeration value="2"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ErrorMessage/Error/Severity**

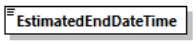
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind Value Annotation enumeration 1 enumeration 2 enumeration 3 enumeration 4
annotation	documentation 1 = WARNING 2 = FATAL 3 = SEVER 4 = SEVER-FATAL The senders and receivers should agree about the severity levels and their interpretation: should the process stop, should the message be resent etc.
source	<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>

element **ErrorMessage/Error/ErrorCode**

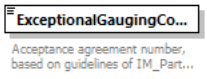
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**

properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	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. "
source	<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>

element **EstimatedEndDateTime**

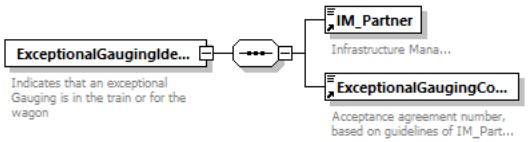
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
source	<xs:element name="EstimatedEndDateTime" type="xs:dateTime"/>

element **ExceptionalGaugingCode**

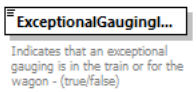
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **ExceptionalGaugingIdent**
facets	Kind Value Annotation minLength 1 maxLength 24
annotation	documentation Acceptance agreement number, based on guidelines of IM_Partner
source	<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>
```

element **ExceptionalGaugingIdent**

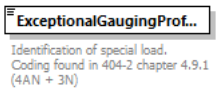
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**IM_Partner** **ExceptionalGaugingCode**
used by	elements **PlannedTrainData** **WagonOperationalData**
annotation	documentation Indicates that an exceptional Gauging is in the train or for the wagon
source	<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>

element **ExceptionalGaugingInd**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ExceptionalGaugingInd" type="xs:boolean">

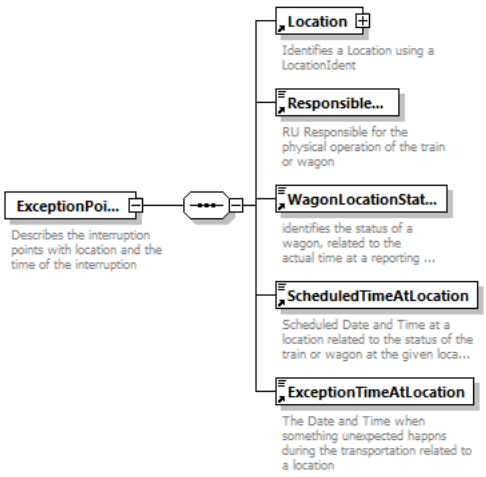
```
  <xs:annotation>
    <xs:documentation>Indicates that an exceptional gauging is in the train
or for the wagon - (true/false)</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **ExceptionalGaugingProfile**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **WagonOperationalData**
facets	Kind Value Annotation minLength 7 maxLength 7
annotation	documentation Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)

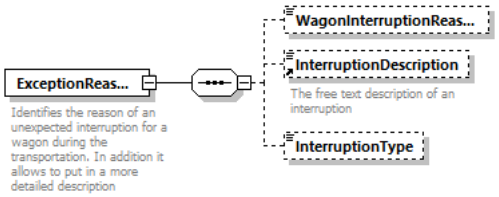
source	`<xs:element name="ExceptionalGaugingProfile">`
	`  <xs:annotation>`
	`  <xs:documentation>Identification of special load. Coding found in 404-2 chapter 4.9.1 (4AN + 3N)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="7"/>`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

element **ExceptionPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

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	<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> </xs:element>

element **ExceptionReason**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**WagonInterruptionReason** **InterruptionDescription** **InterruptionType**
used by	element **WagonExceptionReport**
annotation	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
source	<xs:element name="ExceptionReason"> <xs:annotation> <xs:documentation>Identifies the reason of an unexpected interruption for a wagon during the transportation. In addition it allows to put in a more detailed description</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="WagonInterruptionReason" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="wagon damaged"/> <xs:enumeration value="change of route"/> <xs:enumeration value="other"/> </xs:restriction>

```
        </xs:simpleType>
      </xs:element>
      <xs:element ref="InterruptionDescription" minOccurs="0"/>
      <xs:element name="InterruptionType" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:length value="1"/>
            <xs:enumeration value="0">
              <xs:annotation>
                <xs:documentation>Damage does not cause an interruption of
transport run</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="1">
              <xs:annotation>
                <xs:documentation>Damage causes an interruption of transport
run</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="2">
              <xs:annotation>
                <xs:documentation>other (no damage)</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

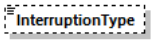
element **ExceptionReason/WagonInterruptionReason**

diagram	WagonInterruptionReas...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

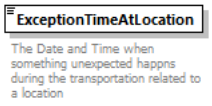
source

```
<xs:element name="WagonInterruptionReason" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="wagon damaged"/>
      <xs:enumeration value="change of route"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ExceptionReason/InterruptionType**

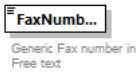
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind / Value / Annotation length 1 enumeration 0 — documentation: Damage does not cause an interruption of transport run enumeration 1 — documentation: Damage causes an interruption of transport run enumeration 2 — documentation: other (no damage)
source	`<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>`

element **ExceptionTimeAtLocation**

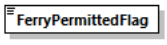
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **ExceptionPoint**

annotation	documentation The Date and Time when something unexpected happns during the transportation related to a location
source	<xs:element name="ExceptionTimeAtLocation" type="xs:dateTime"> <xs:annotation> <xs:documentation>The Date and Time when something unexpected happns during the transportation related to a location</xs:documentation> </xs:annotation> </xs:element>

element **FaxNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="FaxNumber" type="CommunicationRefID"> <xs:annotation> <xs:documentation>Generic Fax number in Free text</xs:documentation> </xs:annotation> </xs:element>

element **FerryPermittedFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
source	<xs:element name="FerryPermittedFlag" type="xs:boolean"/>

element **FreeTextField**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="FreeTextField" type="FreeText">`
	`  <xs:annotation>`
	`  <xs:documentation>Free Text</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **FreightFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
used by	element **LocationPrimaryInformation**
annotation	documentation Identifies that the Entity or Location is for Freight Activity

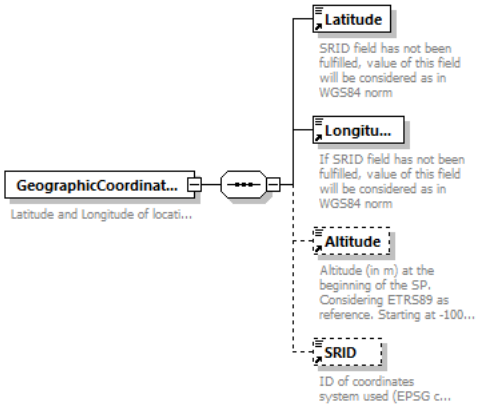
source	`<xs:element name="FreightFlag" type="xs:boolean">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies that the Entity or Location is for Freight Activity</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **GeographicalCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:string**
properties	content simple
annotation	documentation Longitude and latitude as defined in UIC Leafle 920-2

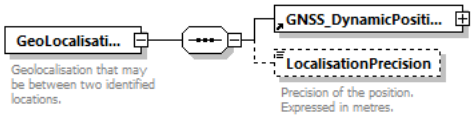
source	`<xs:element name="GeographicalCoordinates" type="xs:string">`
	`  <xs:annotation>`
	`  <xs:documentation>Longitude and latitude as defined in UIC Leafle 920-2</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **GeographicCoordinates**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Latitude Longitude Altitude SRID**
used by	elements **GNSS_DynamicPosition LocationPrimaryInformation LocationSubsidiaryInformation**
annotation	documentation Latitude and Longitude of location

source	`<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>`

element **GeoLocalisation**

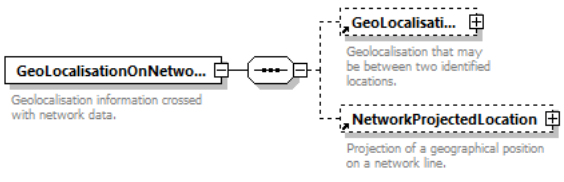
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

properties	content complex
children	**GNSS_DynamicPosition** **LocalisationPrecision**
used by	element **GeoLocalisationOnNetwork**
annotation	documentation Geolocalisation that may be between two identified locations.
source	<xs:element name="GeoLocalisation"> <xs:annotation> <xs:documentation>Geolocalisation 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>

element **GeoLocalisation/LocalisationPrecision**

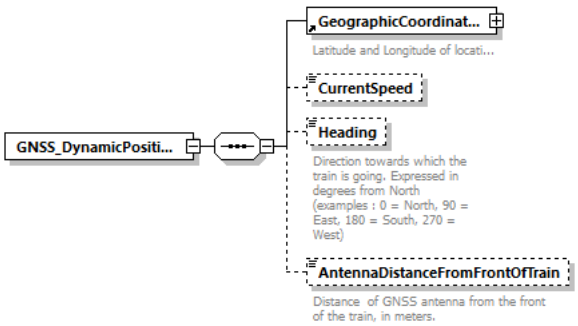
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:float**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position. Expressed in metres.
source	<xs:element name="LocalisationPrecision" type="xs:float" minOccurs="0"> <xs:annotation> <xs:documentation>Precision of the position. Expressed in metres.</xs:documentation> </xs:annotation> </xs:element>

element **GeoLocalisationOnNetwork**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**GeoLocalisation** **NetworkProjectedLocation**
used by	element **TrainLocationReport**
annotation	documentation Geolocalisation information crossed with network data.
source	<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>

element **GNSS_DynamicPosition**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**GeographicCoordinates** **CurrentSpeed** **Heading** **AntennaDistanceFromFrontOfTrain**
used by	element **GeoLocalisation**
source	<xs:element name="GNSS_DynamicPosition"> <xs:complexType> <xs:sequence> <xs:element ref="GeographicCoordinates"/> <xs:element name="CurrentSpeed" type="Speed" minOccurs="0"/> <xs:element name="Heading" type="xs:integer" minOccurs="0"> <xs:annotation> <xs:documentation>Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)</xs:documentation> </xs:annotation> </xs:element> <xs:element name="AntennaDistanceFromFrontOfTrain" type="xs:float" minOccurs="0"> <xs:annotation>

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

element **GNSS_DynamicPosition/CurrentSpeed**

diagram	CurrentSpeed
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	Heading Direction towards which the train is going. Expressed in degrees from North (examples : 0 = North, 90 = East, 180 = South, 270 = West)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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>`
	`  </xs:annotation>`
	`</xs:element>`

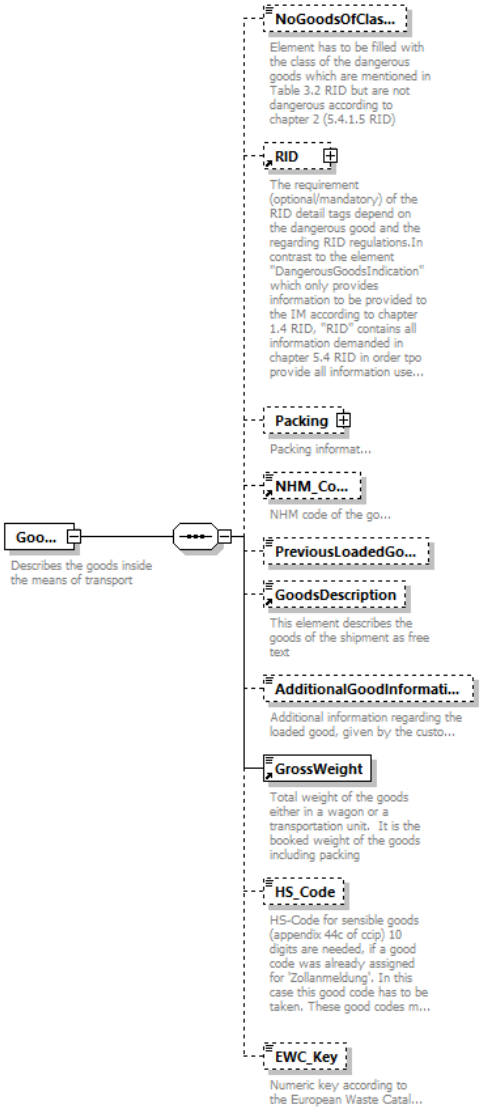
element **GNSS_DynamicPosition/AntennaDistanceFromFrontOfTrain**

diagram	AntennaDistanceFromFrontOfTrain Distance of GNSS antenna from the front of the train, in meters.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

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	`<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>`

element **Goods**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

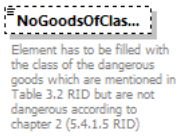
source

```
<xs:element name="Goods">
  <xs:annotation>
    <xs:documentation>Describes the goods inside the means of
transport</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NoGoodsOfClassX" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Element has to be filled with the class of the
dangerous goods which are mentioned in Table 3.2 RID but are not dangerous
according to chapter 2 (5.4.1.5 RID)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="RID" minOccurs="0"/>
      <xs:element name="Packing" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Packing information</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="NatureOfPacking" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Nature of packing according to the UN/ECE
Recommandation No 21</xs:documentation>
                <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="2"/>
                  <xs:minLength value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="NumberOfPackages" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Number of packages.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:int">
                  <xs:minInclusive value="1"/>
                  <xs:maxInclusive value="99999"/>
                </xs:restriction>
              </xs:simpleType>
```

```
            </xs:element>
            <xs:element name="PackageIdentification" minOccurs="0"
maxOccurs="99">
              <xs:annotation>
                <xs:documentation>Particular marks and numbers to identify
less than wagon load assignments.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="35"/>
                  <xs:minLength value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="NHM_Code" minOccurs="0"/>
      <xs:element name="PreviousLoadedGood" type="NHMCodeType"
minOccurs="0"/>
      <xs:element ref="GoodsDescription" minOccurs="0"/>
      <xs:element name="AdditionalGoodInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information regarding the loaded
good, given by the customer.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="GrossWeight"/>
      <xs:element name="HS_Code" minOccurs="0">
        <xs:annotation>
          <xs:documentation>HS-Code for sensible goods (appendix 44c of
ccip) 10 digits are needed, if a good code was already assigned for
'Zollanmeldung'. In this case this good code has to be taken. These good
codes may have more than 6 digits.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="6"/>
            <xs:maxLength value="10"/>
            <xs:pattern value="\d*[1-9]\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="EWC_Key" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Numeric key according to the European Waste
Catalogue</xs:documentation>
          <xs:documentation>CODE: European waste catalogue (EWC)
2000/532/EC</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
```

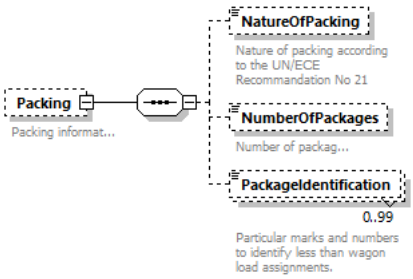
```
            <xs:minLength value="2"/>
            <xs:maxLength value="6"/>
            <xs:pattern value="\d*"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Goods/NoGoodsOfClassX**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="NoGoodsOfClassX" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Element has to be filled with the class of the dangerous goods which are mentioned in Table 3.2 RID but are not dangerous according to chapter 2 (5.4.1.5 RID)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="4"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **Goods/Packing**

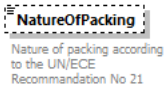
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**NatureOfPacking NumberOfPackages PackageIdentification**
annotation	documentation Packing information

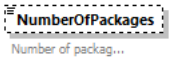
source

```
<xs:element name="Packing" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Packing information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NatureOfPacking" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Nature of packing according to the UN/ECE
Recommandation No 21</xs:documentation>
          <xs:documentation>CODE: UN/ECE-Recommendation No.
21</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="2"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="NumberOfPackages" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Number of packages.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="1"/>
            <xs:maxInclusive value="99999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99">
        <xs:annotation>
          <xs:documentation>Particular marks and numbers to identify less
than wagon load assignments.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="35"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Goods/Packing/NatureOfPacking**

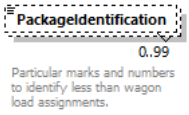
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 2
annotation	documentation Nature of packing according to the UN/ECE Recommandation No 21 documentation CODE: UN/ECE-Recommendation No. 21
source	<xs:element name="NatureOfPacking" minOccurs="0"> <xs:annotation> <xs:documentation>Nature of packing according to the UN/ECE Recommandation No 21</xs:documentation> <xs:documentation>CODE: UN/ECE-Recommendation No. 21</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="2"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Goods/Packing/NumberOfPackages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="NumberOfPackages" minOccurs="0"> <xs:annotation> <xs:documentation>Number of packages.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99999"/>

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

element **Goods/Packing/PackageIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="PackageIdentification" minOccurs="0" maxOccurs="99">`
	`  <xs:annotation>`
	`  <xs:documentation>Particular marks and numbers to identify less than wagon load assignments.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:maxLength value="35"/>`
	`  <xs:minLength value="1"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **Goods/PreviousLoadedGood**

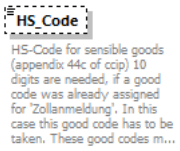
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**NHMCodeType**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
source	`<xs:element name="PreviousLoadedGood" type="NHMCodeType" minOccurs="0"/>`

element **Goods/AdditionalGoodInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="AdditionalGoodInformation" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Additional information regarding the loaded good, given by the customer.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="350"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **Goods/HS_Code**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="HS_Code" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.</xs:documentation>`

```
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="6"/>
      <xs:maxLength value="10"/>
      <xs:pattern value="\d*[1-9]\d*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **Goods/EWC_Key**

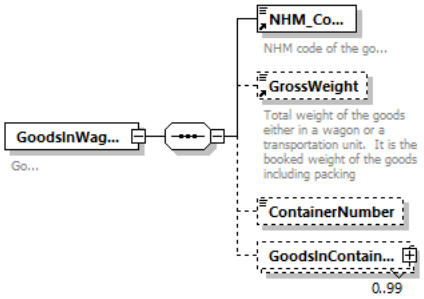
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 6 pattern \d*
annotation	documentation Numeric key according to the European Waste Catalogue documentation CODE: European waste catalogue (EWC) 2000/532/EC
source	<xs:element name="EWC_Key" minOccurs="0"> <xs:annotation> <xs:documentation>Numeric key according to the European Waste Catalogue</xs:documentation> <xs:documentation>CODE: European waste catalogue (EWC) 2000/532/EC</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="6"/> <xs:pattern value="\d*"/> </xs:restriction> </xs:simpleType> </xs:element>

element **GoodsDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**

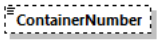
properties	content simple
used by	element **Goods**
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation This element describes the goods of the shipment as free text
source	<xs:element name="GoodsDescription" type="FreeText"> <xs:annotation> <xs:documentation>This element describes the goods of the shipment as free text</xs:documentation> </xs:annotation> </xs:element>

element **GoodsInWagon**

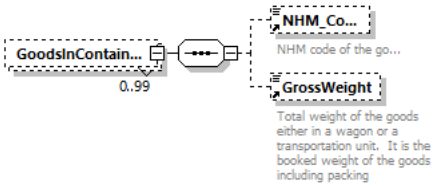
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**NHM_Code GrossWeight ContainerNumber GoodsInContainer**
used by	element **WagonInformation**
annotation	documentation Goods
source	<xs:element name="GoodsInWagon"> <xs:annotation> <xs:documentation>Goods</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>

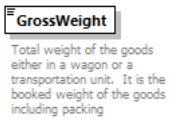
element **GoodsInWagon/ContainerNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**EquipmentNumberType**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 13
source	<xs:element name="ContainerNumber" type="EquipmentNumberType" minOccurs="0"/>

element **GoodsInWagon/GoodsInContainer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 99 content complex
children	**NHM_Code GrossWeight**
source	<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>

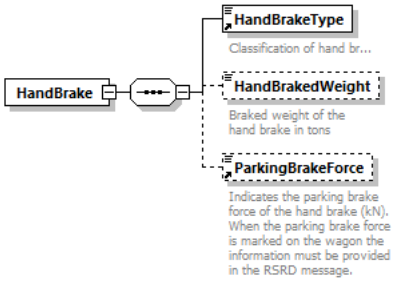
element **GrossWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

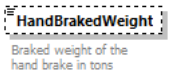
source	`<xs:element name="GrossWeight" type="WeightValueKilo">`
	`  <xs:annotation>`
	`  <xs:documentation>Total weight of the goods either in a wagon or a transportation unit. It is the booked weight of the goods including packing</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **HandBrake**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**HandBrakeType** **HandBrakedWeight** **ParkingBrakeForce**
used by	element **RollingStockDataset/DesignDataSet**

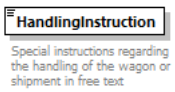
source	`<xs:element name="HandBrake">`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="HandBrakeType"/>`
	`  <xs:element name="HandBrakedWeight" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Braked weight of the hand brake in tons</xs:documentation>`
	`  </xs:annotation>`
	`  <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>`

element **HandBrake/HandBrakedWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

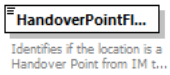
source	`<xs:element name="HandBrakedWeight" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Braked weight of the hand brake in tons</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:decimal">`
	`  <xs:totalDigits value="4"/>`
	`  <xs:fractionDigits value="1"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **HandlingInstruction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

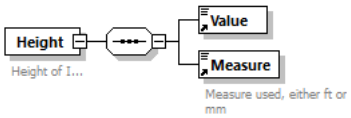
source	`<xs:element name="HandlingInstruction" type="FreeText">`
	`  <xs:annotation>`
	`  <xs:documentation>Special instructions regarding the handling of the wagon or shipment in free text</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **HandoverPointFlag**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
used by	element **LocationPrimaryInformation**
annotation	documentation Identifies if the location is a Handover Point from IM to IM

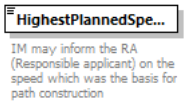
source	`<xs:element name="HandoverPointFlag">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies if the location is a Handover Point from IM to IM</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **Height**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Value** **Measure**
used by	element **Dimensions** complexType **DimensionValue**
annotation	documentation Height of ITU

source	`<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>`

element **HighestPlannedSpeed**

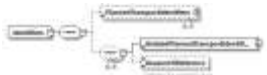
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Speed**
properties	content simple

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	`<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>`

element **Identifiers**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers ReasonOfReference**
used by	elements **PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage**
source	<xs:element name="Identifiers"> <xs:complexType> <xs:sequence> <xs:element ref="PlannedTransportIdentifiers" minOccurs="0" maxOccurs="unbounded"/> <xs:sequence minOccurs="0" maxOccurs="unbounded"> <xs:element ref="RelatedPlannedTransportIdentifiers"/> <xs:element ref="ReasonOfReference" minOccurs="0"/> </xs:sequence> </xs:sequence> </xs:complexType> </xs:element>

element **IM_Partner**

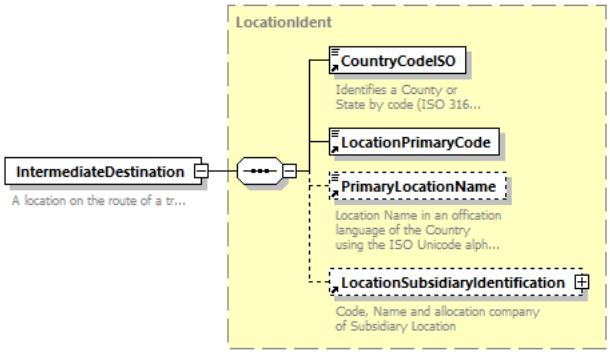
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	elements **Wagons/WagonDetails/ExceptionalConsignment ExceptionalGaugingIdent**
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Infrastructure Manager
source	<xs:element name="IM_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Infrastructure Manager</xs:documentation> </xs:annotation> </xs:element>

element **ImpactedRU**

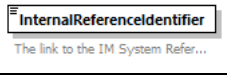
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
facets	Kind Value Annotation minLength 4

	maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation The RU impacted by a restriction
source	<xs:element name="ImpactedRU" type="CompanyCode"> <xs:annotation> <xs:documentation>The RU impacted by a restriction</xs:documentation> </xs:annotation> </xs:element>

element **IntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="IntermediateDestination" type="LocationIdent"> <xs:annotation> <xs:documentation>A location on the route of a train</xs:documentation> </xs:annotation> </xs:element>

element **InternalReferenceIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	elements **DelayCauseTime** **InterruptionPoint/Interruption** **InterruptionInformation** **ReceiptConfirmationMessage** **TrainJourneyModificationMessage**
facets	Kind Value Annotation minLength 1 maxLength 255

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

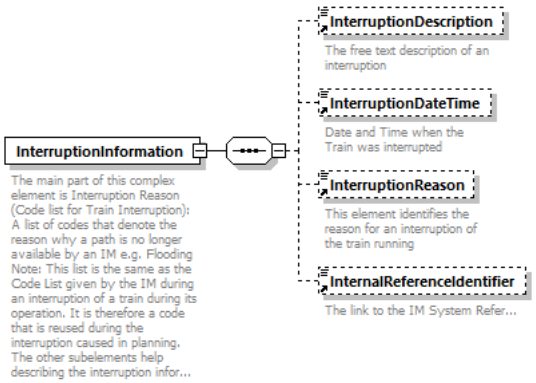
element **InterruptionDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	elements **InterruptionPoint/Interruption** **InterruptionInformation**
annotation	documentation Date and Time when the Train was interrupted
source	<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>

element **InterruptionDescription**

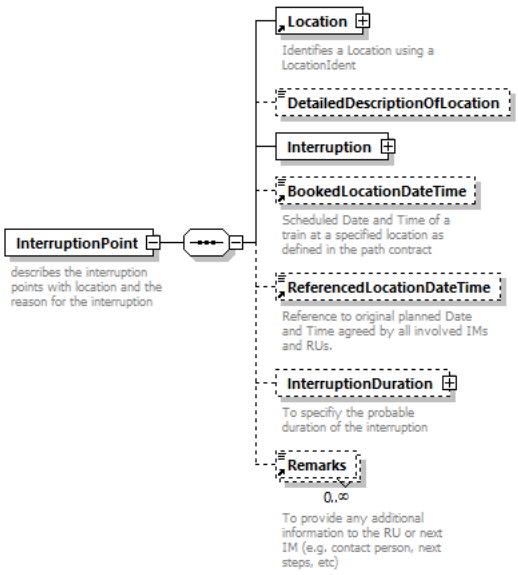
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	elements **ChangeofTrackMessage** **ExceptionReason** **InterruptionPoint/Interruption** **InterruptionInformation**
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation The free text description of an interruption
source	<xs:element name="InterruptionDescription" type="FreeText"> <xs:annotation> <xs:documentation>The free text description of an interruption</xs:documentation> </xs:annotation> </xs:element>

element **InterruptionInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**InterruptionDescription** **InterruptionDateTime** **InterruptionReason** **InternalReferenceIdentifier**
used by	element **PathNotAvailableMessage**
annotation	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.

source	`<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>`

element **InterruptionPoint**

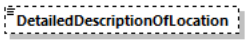
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **DetailedDescriptionOfLocation** **Interruption** **BookedLocationDateTime** **ReferencedLocationDateTime** **InterruptionDuration** **Remarks**
used by	element **TrainRunningInterruptionMessage**
annotation	documentation describes the interruption points with location and the reason for the interruption

source

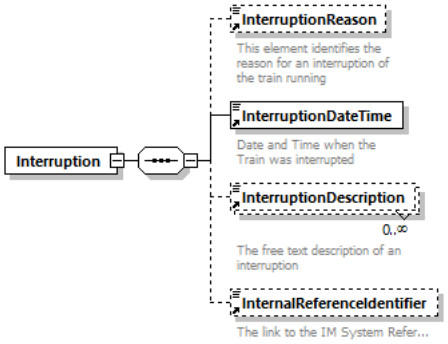
```
<xs:element name="InterruptionPoint">
  <xs:annotation>
    <xs:documentation>describes the interruption points with location and
the reason for the interruption</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Location"/>
      <xs:element name="DetailedDescriptionOfLocation" type="FreeText"
minOccurs="0"/>
      <xs:element name="Interruption">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="InterruptionReason" minOccurs="0"/>
            <xs:element ref="InterruptionDateTime"/>
            <xs:element ref="InterruptionDescription" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="BookedLocationDateTime" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Scheduled Date and Time of a train at a
specified location as defined in the path contract</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
```

```
      <xs:element name="InterruptionDuration" minOccurs="0">
        <xs:annotation>
          <xs:documentation>To 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>
```

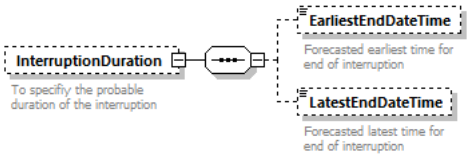
element **InterruptionPoint/DetailedDescriptionOfLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	`<xs:element name="DetailedDescriptionOfLocation" type="FreeText" minOccurs="0"/>`

element **InterruptionPoint/Interruption**

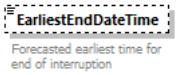
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**InterruptionReason** **InterruptionDateTime** **InterruptionDescription** **InternalReferenceIdentifier**
source	<xs:element name="Interruption"> <xs:complexType> <xs:sequence> <xs:element ref="InterruptionReason" 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>

element **InterruptionPoint/InterruptionDuration**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**EarliestEndDateTime** **LatestEndDateTime**
annotation	documentation To specifiy the probable duration of the interruption
source	<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>
```

element **InterruptionPoint/InterruptionDuration/EarliestEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted earliest time for end of interruption

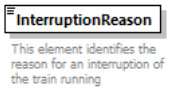
source	`<xs:element name="EarliestEndDateTime" type="xs:dateTime" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Forecasted earliest time for end of interruption</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **InterruptionPoint/InterruptionDuration/LatestEndDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Forecasted latest time for end of interruption

source	`<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>`

element **InterruptionReason**

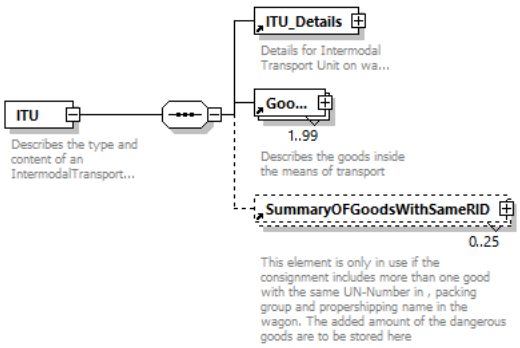
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**DelayCode**
properties	content simple
used by	elements **ChangeofTrackMessage** **InterruptionPoint/Interruption** **InterruptionInformation**

facets

Kind	Value	Annotation
enumeration	11	documentation Formation of trains if managed by infrastructure manager
enumeration	10	documentation Timetable compilation
enumeration	12	documentation Mistakes in operational procedures
enumeration	13	documentation Wrong application of priority rules
enumeration	14	
enumeration	18	documentation Staff
enumeration	19	documentation Other causes related to the operational planning and management
enumeration	20	documentation Signalling installations
enumeration	21	documentation Signalling installations at level crossings
enumeration	22	documentation Telecommunication installations
enumeration	23	documentation Power supply equipment
enumeration	24	documentation Track
enumeration	25	documentation Structures
enumeration	28	documentation Staff
enumeration	29	documentation Other causes related to infrastructure installations
enumeration	31	documentation Irregularities in execution of construction work
enumeration	30	documentation Planned construction work
enumeration	32	documentation Speed restrictions due to defective track
enumeration	39	documentation Other causes related to Civil engineering
enumeration	40	documentation Delay caused by next IM
enumeration	41	documentation Delay caused by previous IM
enumeration	50	documentation exceeding the stop time
enumeration	51	documentation Request of the RU
enumeration	52	documentation Loading operations
enumeration	53	documentation Loading irregularities
enumeration	54	documentation

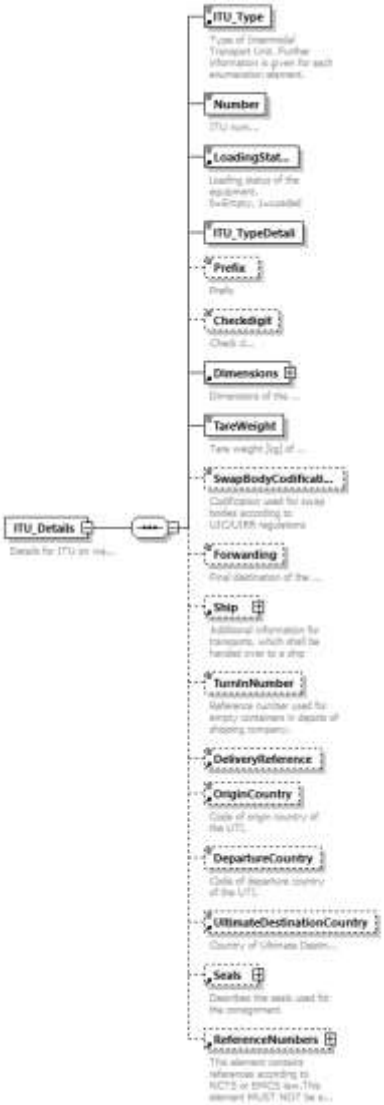
			Commercial preparation of the train
	enumeration	58	documentation
			Staff
	enumeration	59	documentation
			Other causes related to commercial causes
	enumeration	60	documentation
			Roster planning/re-rostering
	enumeration	61	documentation
			Formation of trains by the RU
	enumeration	62	documentation
			Problems affecting coaches
	enumeration	63	documentation
			Problems affecting wagons
	enumeration	64	documentation
			Problems affecting traction units
	enumeration	68	documentation
			Staff
	enumeration	69	documentation
			Other causes related to Rolling Stock
	enumeration	70	documentation
			Delay caused by next RU
	enumeration	71	documentation
			Delay caused by previous RU
	enumeration	80	documentation
			Strike
	enumeration	81	documentation
			Administrative formalites
	enumeration	82	documentation
			Outside influence
	enumeration	83	documentation
			Effects of weather and natural causes
	enumeration	84	documentation
			Delay caused by external reasons on the next network
	enumeration	89	documentation
			Other external causes
	enumeration	90	documentation
			Dangerous incidents, accidents and hazards
	enumeration	91	documentation
			Track occupation caused by the lateness of the same train
	enumeration	92	documentation
			Track occupation caused by the lateness of another train
	enumeration	93	documentation
			Turn round
	enumeration	94	documentation
			Connection
	enumeration	95	documentation
			Further investigation needed
annotation	documentation This element identifies the reason for an interruption of the train running		
source	<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>		

element **ITU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**ITU_Details Goods SummaryOFGoodsWithSameRID**
used by	element **Wagons**
annotation	documentation Describes the type and content of an IntermodalTransportUnit

source	`<xs:element name="ITU">`
	`<xs:annotation>`
	`<xs:documentation>Describes the type and content of an IntermodalTransportUnit</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="ITU_Details">`
	`<xs:annotation>`
	`<xs:documentation>Details for Intermodal Transport Unit on wagon</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element ref="Goods" maxOccurs="99"/>`
	`<xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0" maxOccurs="25"/>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

element **ITU_Details**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="ITU_Details">`
	`<xs:annotation>`
	`<xs:documentation>Details for ITU on wagon</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="ITU_Type">`
	`<xs:annotation>`
	`<xs:documentation>Type of Intermodal Transport Unit. Further information is given for each enumeration element.</xs:documentation>`

```
      </xs:annotation>
    </xs:element>
    <xs:element name="Number">
      <xs:annotation>
        <xs:documentation>ITU number</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="EquipmentNumberType"/>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="LoadingStatus"/>
    <xs:element name="ITU_TypeDetail">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="BX"/>
          <xs:enumeration value="BK"/>
          <xs:enumeration value="FL"/>
          <xs:enumeration value="HT"/>
          <xs:enumeration value="HC"/>
          <xs:enumeration value="IN"/>
          <xs:enumeration value="OT"/>
          <xs:enumeration value="HH"/>
          <xs:enumeration value="PW"/>
          <xs:enumeration value="OS"/>
          <xs:enumeration value="RF"/>
          <xs:enumeration value="SD"/>
          <xs:enumeration value="SL"/>
          <xs:enumeration value="VE"/>
          <xs:enumeration value="TC"/>
          <xs:enumeration value="RH"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Prefix" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Prefix</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <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:element ref="Dimensions"/>
    <xs:element name="TareWeight" type="WeightValueKilo">
      <xs:annotation>
        <xs:documentation>Tare weight [kg] of UTI.</xs:documentation>
```

```
        </xs:annotation>
      </xs:element>
      <xs:element name="SwapBodyCodification" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Codification used for swap bodies according to
UIC/UIRR regulations </xs:documentation>
          <xs:documentation>CODE:</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="3"/>
            <xs:maxLength value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Forwarding" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Final destination of the UTI.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="80"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Ship" minOccurs="0">
        <xs:annotation/>
      </xs:element>
      <xs:element name="TurnInNumber" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Reference number used for empty containers in
depots of shipping company.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="30"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="DeliveryReference" minOccurs="0"/>
      <xs:element ref="OriginCountry" minOccurs="0"/>
      <xs:element name="DepartureCountry" type="CountryIdentISO"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Code of departure country of the
UTI.</xs:documentation>
          <xs:documentation>CODE: ISO-3166-2</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="UltimateDestinationCountry" minOccurs="0"/>
      <xs:element ref="Seals" minOccurs="0"/>
      <xs:element ref="ReferenceNumbers" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **ITU_Details/Number**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **EquipmentNumberType**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 13
annotation	documentation ITU number

source	`<xs:element name="Number">`
	`  <xs:annotation>`
	`  <xs:documentation>ITU number</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="EquipmentNumberType"/>`
	`  </xs:simpleType>`
	`</xs:element>`

element **ITU_Details/ITU_TypeDetail**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration BX enumeration BK enumeration FL enumeration HT enumeration HC enumeration IN enumeration OT enumeration HH enumeration PW enumeration OS enumeration RF enumeration SD enumeration SL enumeration VE enumeration TC enumeration RH
source	`<xs:element name="ITU_TypeDetail">` `  <xs:simpleType>`

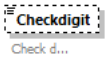
```
      <xs:restriction base="xs:token">
        <xs:enumeration value="BX"/>
        <xs:enumeration value="BK"/>
        <xs:enumeration value="FL"/>
        <xs:enumeration value="HT"/>
        <xs:enumeration value="HC"/>
        <xs:enumeration value="IN"/>
        <xs:enumeration value="OT"/>
        <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>
```

element **ITU_Details/Prefix**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 5
annotation	documentation Prefix

source	`<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>`

element **ITU_Details/Checkdigit**

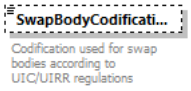
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	restriction of **xs:int**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation totalDigits 1
annotation	documentation Check digit
source	<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>

element **ITU_Details/TareWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueKilo**
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Tare weight [kg] of UTI.
source	<xs:element name="TareWeight" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Tare weight [kg] of UTI.</xs:documentation> </xs:annotation> </xs:element>

element **ITU_Details/SwapBodyCodification**

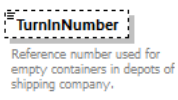
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3

	maxLength 4
annotation	documentation Codification used for swap bodies according to UIC/UIRR regulations documentation CODE:
source	<xs:element name="SwapBodyCodification" minOccurs="0"> <xs:annotation> <xs:documentation>Codification used for swap bodies according to UIC/UIRR regulations </xs:documentation> <xs:documentation>CODE:</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="3"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ITU_Details/Forwarding**

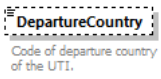
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 80
annotation	documentation Final destination of the UTI.
source	<xs:element name="Forwarding" minOccurs="0"> <xs:annotation> <xs:documentation>Final destination of the UTI.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ITU_Details/TurnInNumber**

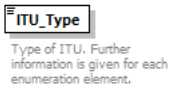
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

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	<xs:element name="TurnInNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Reference number used for empty containers in depots of shipping company.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="30"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ITU_Details/DepartureCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

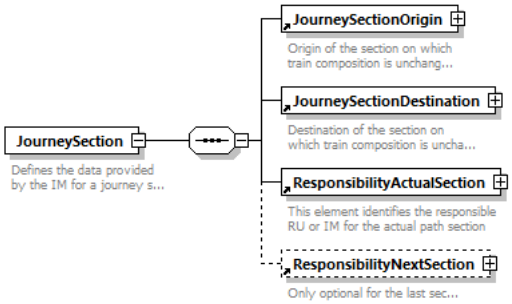
element **ITU_Type**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **EquipmentTypeType**
properties	content simple
used by	element **ITU_Details**
facets	Kind Value Annotation enumeration cn documentation Container enumeration sw documentation swap body enumeration te documentation Trailer (RollingRoad)
annotation	documentation Type of ITU. Further information is given for each enumeration element.

source	`<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>`

element **JourneySection**

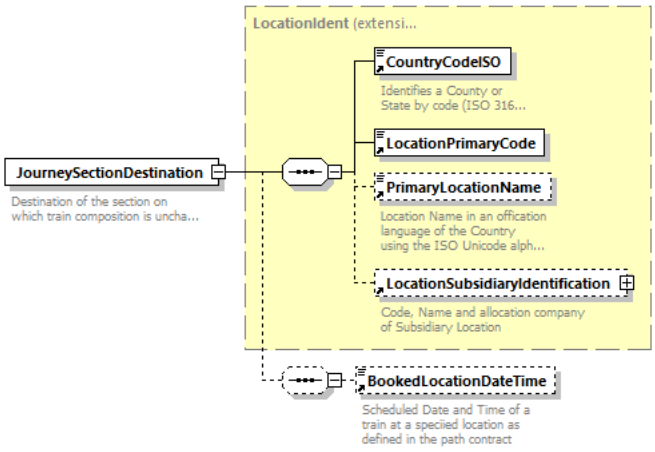
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**JourneySectionOrigin** **JourneySectionDestination** **ResponsibilityActualSection** **ResponsibilityNextSection**
used by	element **TrainCompositionJourneySection**
annotation	documentation Defines the data provided by the IM for a journey section

source	`<xs:element name="JourneySection">`
	`  <xs:annotation>`
	`  <xs:documentation>Defines the data provided by the IM for a journey section</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="JourneySectionOrigin"/>`
	`  <xs:element ref="JourneySectionDestination"/>`
	`  <xs:element ref="ResponsibilityActualSection"/>`
	`  <xs:element ref="ResponsibilityNextSection" minOccurs="0">`

```
        <xs:annotation>
          <xs:documentation>Only optional for the last
section</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **JourneySectionDestination**

diagram

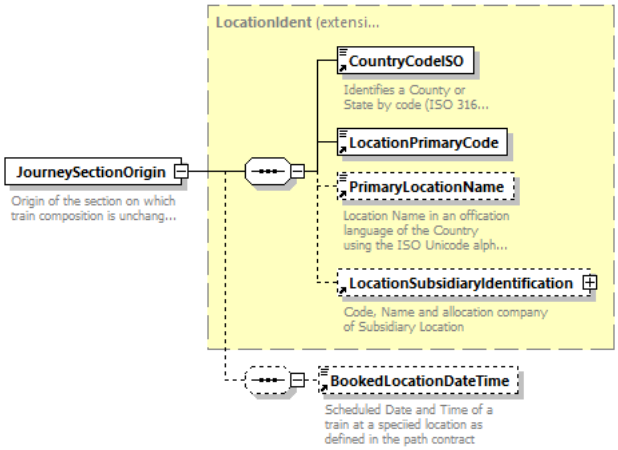


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification** **BookedLocationDateTime**
used by	element **JourneySection**
annotation	documentation Destination of the section on which train composition is unchanged

source

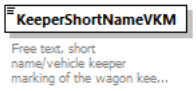
```
<xs:element name="JourneySectionDestination">
  <xs:annotation>
    <xs:documentation>Destination of the section on which train composition
is unchanged</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:complexContent>
      <xs:extension base="LocationIdent">
        <xs:sequence minOccurs="0">
          <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
</xs:element>
```

element **JourneySectionOrigin**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

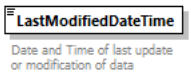
source	`<xs:element name="JourneySectionOrigin">`
	`<xs:annotation>`
	`<xs:documentation>Origin of the section on which train composition is unchanged</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:complexContent>`
	`<xs:extension base="LocationIdent">`
	`<xs:sequence minOccurs="0">`
	`<xs:element ref="BookedLocationDateTime" minOccurs="0"/>`
	`</xs:sequence>`
	`</xs:extension>`
	`</xs:complexContent>`
	`</xs:complexType>`
	`</xs:element>`

element **KeeperShortNameVKM**

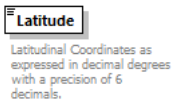
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	elements **RollingStockDataset/AdministrativeDataSet** **RollingStockDatasetMessage/RefusedWagonNumbers**

facets	Kind Value Annotation maxLength 10
annotation	documentation Free text, short name/vehicle keeper marking of the wagon keeper
source	<xs:element name="KeeperShortNameVKM"> <xs:annotation> <xs:documentation>Free text, short name/vehicle keeper marking of the wagon keeper</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element>

element **LastModifiedDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
annotation	documentation Date and Time of last update or modification of data
source	<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>

element **Latitude**

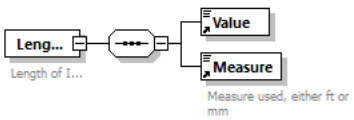
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:float**
properties	content simple
used by	element **GeographicCoordinates**
annotation	documentation Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.
source	<xs:element name="Latitude" type="xs:float"> <xs:annotation> <xs:documentation>Latitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation> </xs:annotation>

	</xs:element>

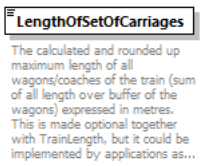
element **LeadRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	elements **PathCanceledMessage** **PathConfirmedMessage** **PathDetailsMessage** **PathDetailsRefusedMessage** **PathNotAvailableMessage** **PathRequestMessage**
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Lead Railway Undertaking
source	<xs:element name="LeadRU" type="CompanyCode"> <xs:annotation> <xs:documentation>Lead Railway Undertaking</xs:documentation> </xs:annotation> </xs:element>

element **Length**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Value** **Measure**
used by	elements **Dimensions** **TractionDetails** complexType **DimensionValue**
annotation	documentation Length of ITU.
source	<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>

element **LengthOfSetOfCarriages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric4-4**
properties	content simple
used by	element **PlannedTrainTechnicalData**
facets	Kind Value Annotation minInclusive 0001 maxInclusive 9999
annotation	documentation The calculated and rounded up maximum length of all wagons/coaches of the train (sum of all length over buffer of the wagons) expressed in metres. This is made optional together with TrainLength, but it could be implemented by applications as mandatory.

source	`<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>`

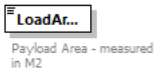
element **LengthOverBuffers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="LengthOverBuffers">`
	`  <xs:annotation>`
	`  <xs:documentation>Length over buffers is expressed in cm.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="1"/>`
	`  <xs:maxInclusive value="999999"/>`

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

element **LoadArea**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="LoadArea"> <xs:annotation> <xs:documentation>Payload Area - measured in M2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

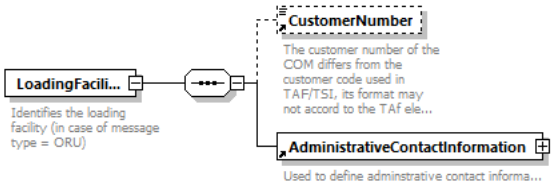
element **LoadingCapacity**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation totalDigits 5 fractionDigits 1
annotation	documentation Usable Cube - measured in M3
source	<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>
```

element **LoadingFacility**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

children: **CustomerNumber** **AdministrativeContactInformation**

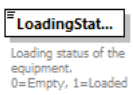
annotation: documentation
Identifies the loading facility (in case of message type = ORU)

source

```
<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>
```

element **LoadingStatus**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:integer**

properties: content simple

used by: elements **ITU_Details** **RollingRoadUnit/RollingRoadUnitDetails** **Wagons/WagonDetails** **WagonInformation**

facets

Kind	Value	Annotation
enumeration	0	
enumeration	1	

annotation: documentation
Loading status of the equipment. 0=Empty, 1=Loaded

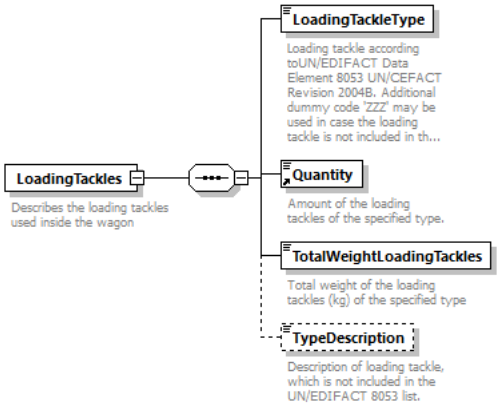
source

```
<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>
```

element **LoadingTackles**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

children: **LoadingTackleType** **Quantity** **TotalWeightLoadingTackles** **TypeDescription**

used by: element **Wagons**

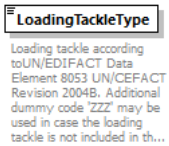
annotation: documentation
Describes the loading tackles used inside the wagon

source

```
<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 toUN/EDIFACT Data
Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be
used in case the loading tackle is not included in the list.
</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string"/>
        </xs:simpleType>
      </xs:element>
      <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>
```

element **LoadingTackles/LoadingTackleType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
annotation	documentation Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list.
source	<xs:element name="LoadingTackleType"> <xs:annotation> <xs:documentation>Loading tackle according toUN/EDIFACT Data Element 8053 UN/CEFACT Revision 2004B. Additional dummy code 'ZZZ' may be used in case the loading tackle is not included in the list. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"/> </xs:simpleType> </xs:element>

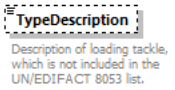
element **LoadingTackles/TotalWeightLoadingTackles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueKilo**

properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight of the loading tackles (kg) of the specified type

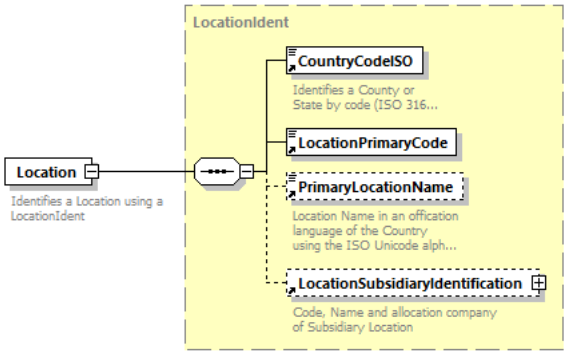
source	`<xs:element name="TotalWeightLoadingTackles" type="WeightValueKilo">`
	`  <xs:annotation>`
	`  <xs:documentation>Total weight of the loading tackles (kg) of the specified type</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **LoadingTackles/TypeDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.

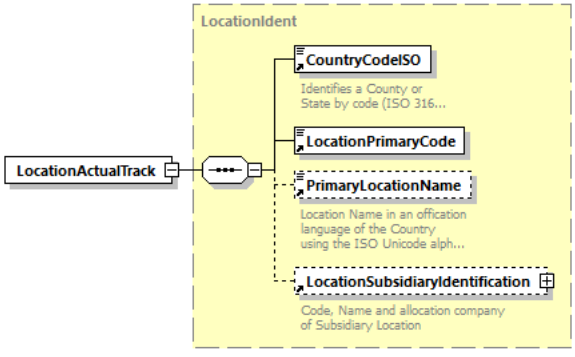
source	`<xs:element name="TypeDescription" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Description of loading tackle, which is not included in the UN/EDIFACT 8053 list.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:maxLength value="35"/>`
	`  <xs:minLength value="1"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **Location**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
used by	elements **AffectedLocation** **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

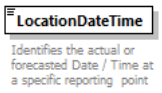
source	`<xs:element name="Location" type="LocationIdent">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies a Location using a LocationIdent</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **LocationActualTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
used by	element **ChangeofTrackMessage**

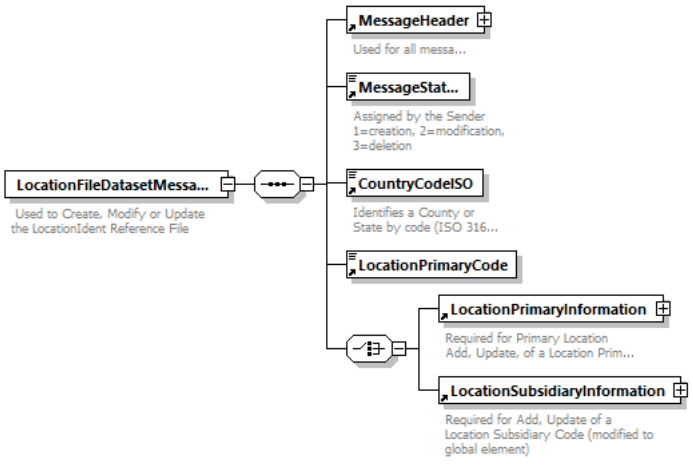
source	`<xs:element name="LocationActualTrack" type="LocationIdent"/>`

element **LocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	elements **AffectedLocation** **TrainAtLocation** **TrainLocationReport**
annotation	documentation Identifies the actual or forecasted Date / Time at a specific reporting point

source	`<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>`

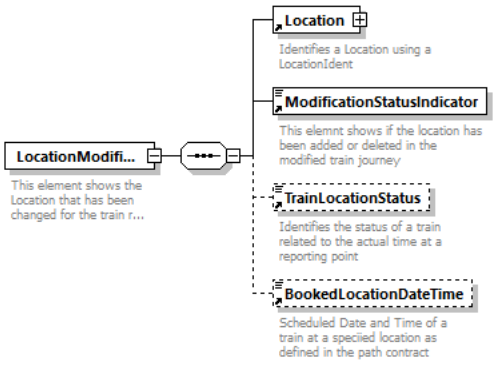
element **LocationFileDatasetMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **MessageStatus** **CountryCodeISO** **LocationPrimaryCode** **LocationPrimaryInformation** **LocationSubsidiaryInformation**
annotation	documentation Used to Create, Modify or Update the LocationIdent Reference File

source	`<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>
```

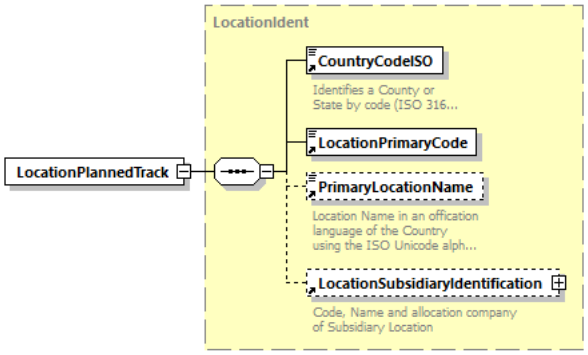
element **LocationModified**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **ModificationStatusIndicator** **TrainLocationStatus** **BookedLocationDateTime**
used by	element **TrainJourneyModification**
annotation	documentation This element shows the Location that has been changed for the train run

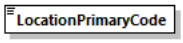
source

```
<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>
```

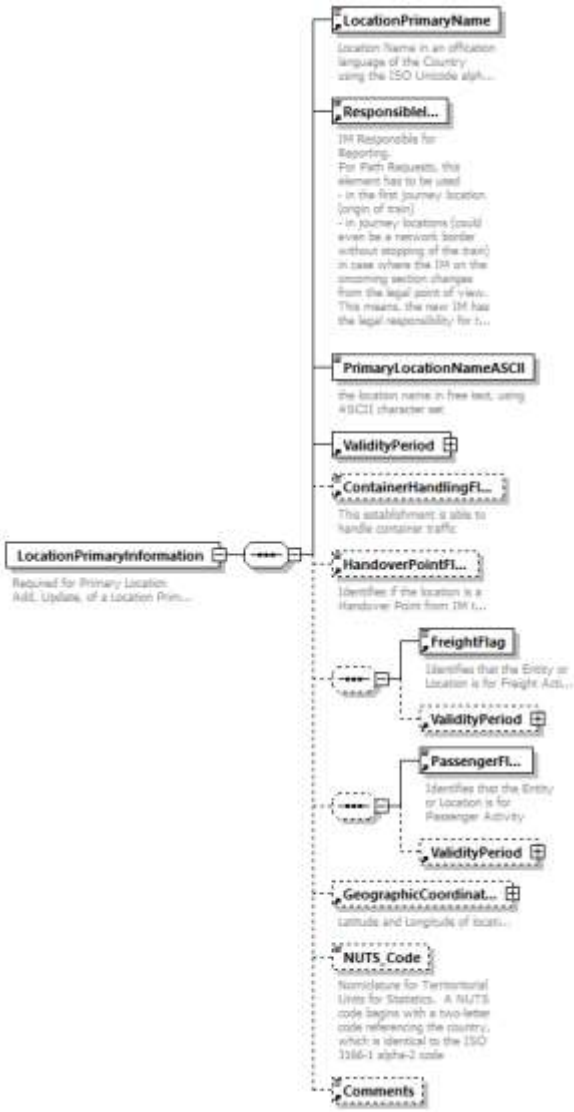
element **LocationPlannedTrack**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
used by	element **ChangeofTrackMessage**
source	`<xs:element name="LocationPlannedTrack" type="LocationIdent"/>`

element **LocationPrimaryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric1-5**
properties	content simple
used by	element **LocationFileDatasetMessage** complexType **LocationIdent**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
source	`<xs:element name="LocationPrimaryCode" type="Numeric1-5"/>`

element **LocationPrimaryInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LocationPrimaryName ResponsibleIM PrimaryLocationNameASCII ValidityPeriod ContainerHandlingFlag HandoverPointFlag FreightFlag PassengerFlag GeographicCoordinates NUTS_Code Comments**
used by	element **LocationFileDatasetMessage**
annotation	documentation Required for Primary Location Add, Update, of a Location Primary Code

source	`<xs:element name="LocationPrimaryInformation">`
	`<xs:annotation>`
	`<xs:documentation>Required for Primary Location Add, Update, of a Location Primary Code</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="LocationPrimaryName"/>`
	`<xs:element ref="ResponsibleIM"/>`
	`<xs:element name="PrimaryLocationNameASCII">`
	`<xs:annotation>`

```
          <xs:documentation>the location name in free text, using ASCII
character set</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="255"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="ValidityPeriod"/>
      <xs:element ref="ContainerHandlingFlag" minOccurs="0"/>
      <xs:element ref="HandoverPointFlag" minOccurs="0"/>
      <xs:sequence minOccurs="0">
        <xs:element ref="FreightFlag"/>
        <xs:element ref="ValidityPeriod" minOccurs="0"/>
      </xs:sequence>
      <xs:sequence minOccurs="0">
        <xs:element ref="PassengerFlag"/>
        <xs:element ref="ValidityPeriod" minOccurs="0"/>
      </xs:sequence>
      <xs:element ref="GeographicCoordinates" minOccurs="0"/>
      <xs:element name="NUTS_Code" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Nomiclature for Territoritorial Units for
Statistics.  A NUTS code begins with a two-letter code referencing the
country, which is identical to the ISO 3166-1 alpha-2 code
</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="50"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Comments" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **LocationPrimaryInformation/PrimaryLocationNameASCII**

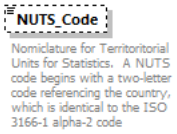
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation the location name in free text, using ASCII character set

source

```
<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>
```

element **LocationPrimaryInformation/NUTS_Code**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:string**

properties

minOcc	0
maxOcc	1
content	simple

facets

Kind	Value	Annotation
minLength	1	
maxLength	50	

annotation

documentation
Nomiclature for Territoritorial Units for Statistics. A NUTS code begins with a two-letter code referencing the country, which is identical to the ISO 3166-1 alpha-2 code

source

```
<xs:element name="NUTS_Code" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Nomiclature for Territoritorial Units for Statistics.
A NUTS code begins with a two-letter code referencing the country, which is
identical to the ISO 3166-1 alpha-2 code </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="50"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **LocationPrimaryName**

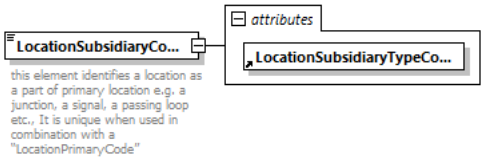
diagram

namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

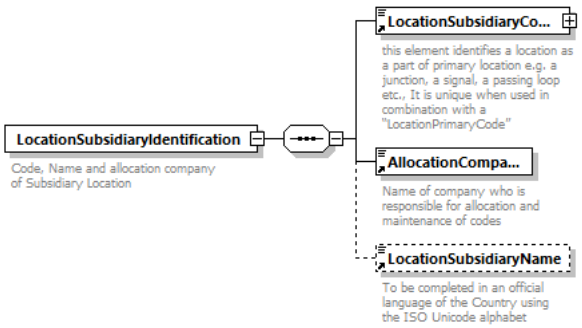
used by: element **LocationPrimaryInformation**

annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet
source	<xs:element name="LocationPrimaryName"> <xs:annotation> <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation> </xs:annotation> </xs:element>

element **LocationSubsidiaryCode**

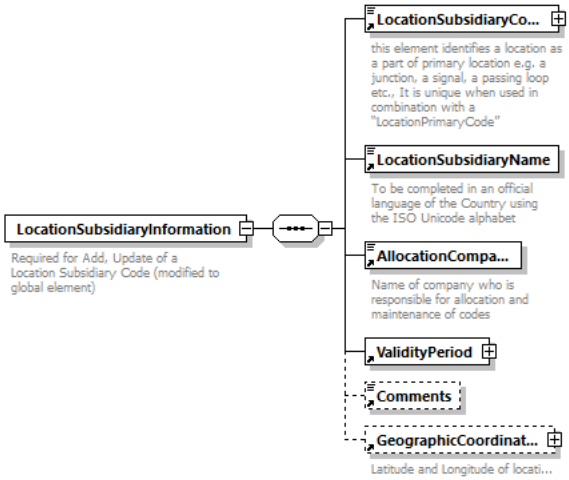
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **String1-10**
properties	content complex
used by	elements **LocationSubsidiaryIdentification** **LocationSubsidiaryInformation**
facets	Kind Value Annotation minLength 1 maxLength 10
attributes	Name Type Use Default Fixed Annotation LocationSubsidiaryTypeCode **derived by: xs:token** required
annotation	documentation this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"
source	<xs:element name="LocationSubsidiaryCode"> <xs:annotation> <xs:documentation>this element identifies a location as a part of primary location e.g. a junction, a signal, a passing loop etc., It is unique when used in combination with a "LocationPrimaryCode"</xs:documentation> </xs:annotation> <xs:complexType> <xs:simpleContent> <xs:extension base="String1-10"> <xs:attribute ref="LocationSubsidiaryTypeCode" use="required"/> </xs:extension> </xs:simpleContent> </xs:complexType> </xs:element>

element **LocationSubsidiaryIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LocationSubsidiaryCode** **AllocationCompany** **LocationSubsidiaryName**
used by	complexType **LocationIdent**
annotation	documentation Code, Name and allocation company of Subsidiary Location

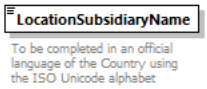
source	`<xs:element name="LocationSubsidiaryIdentification">`
	`<xs:annotation>`
	`<xs:documentation>Code, Name and allocation company of Subsidiary Location</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="LocationSubsidiaryCode"/>`
	`<xs:element ref="AllocationCompany"/>`
	`<xs:element ref="LocationSubsidiaryName" minOccurs="0"/>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

element **LocationSubsidiaryInformation**

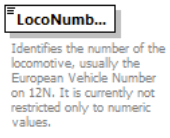
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex

children	**LocationSubsidiaryCode** **LocationSubsidiaryName** **AllocationCompany** **ValidityPeriod** **Comments** **GeographicCoordinates**
used by	element **LocationFileDatasetMessage**
annotation	documentation Required for Add, Update of a Location Subsidiary Code (modified to global element)
source	<xs:element name="LocationSubsidiaryInformation"> <xs:annotation> <xs:documentation>Required for Add, Update of a Location Subsidiary Code (modified to global element)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="LocationSubsidiaryCode"/> <xs:element ref="LocationSubsidiaryName"/> <xs:element ref="AllocationCompany"/> <xs:element ref="ValidityPeriod"/> <xs:element ref="Comments" minOccurs="0"/> <xs:element ref="GeographicCoordinates" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element>

element **LocationSubsidiaryName**

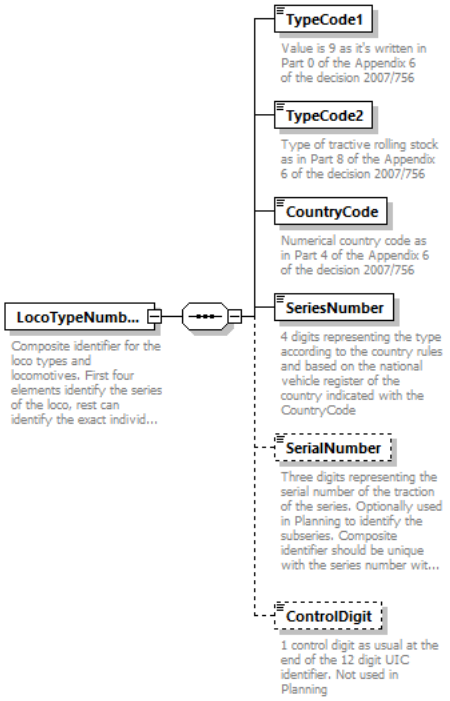
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	elements **LocationSubsidiaryIdentification** **LocationSubsidiaryInformation**
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation To be completed in an official language of the Country using the ISO Unicode alphabet
source	<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>

element **LocoNumber**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **TrainCompositionJourneySection/LocoIdent**
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	<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>

element **LocoTypeNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TypeCode1 TypeCode2 CountryCode SeriesNumber SerialNumber ControlDigit**

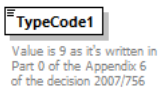
used by	elements **TrainCompositionJourneySection/LocoIdent** **TractionDetails**
annotation	documentation Composite identifier for the loco types and locomotives. First four elements identify the series of the loco, rest can identify the exact individual locomotive

source

```
<xs:element name="LocoTypeNumber">
  <xs:annotation>
    <xs:documentation>Composite identifier for the loco types and
locomotives. First four elements identify the series of the loco, rest can
identify the exact individual locomotive</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="TypeCode1">
        <xs:annotation>
          <xs:documentation>Value is 9 as it's written in Part 0 of the
Appendix 6 of the decision 2007/756</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="1"/>
            <xs:pattern value="[9]"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TypeCode2">
        <xs:annotation>
          <xs:documentation>Type of tractive rolling stock as in Part 8 of
the Appendix 6 of the decision 2007/756</xs:documentation>
        </xs:annotation>
        <!--In PCS the following types are differentiated: Eletric, Diesel,
Steam, Hybrid:-->
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="1"/>
            <xs:pattern value="[0-9]"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CountryCode">
        <xs:annotation>
          <xs:documentation>Numerical country code as in Part 4 of the
Appendix 6 of the decision 2007/756</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="2"/>
            <xs:whiteSpace value="replace"/>
            <xs:maxLength value="2"/>
            <xs:pattern value="[0-9]{2}"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SeriesNumber">
```

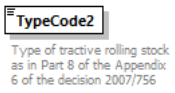
```
        <xs:annotation>
          <xs:documentation>4 digits representing the type according to the
country rules and based on the national vehicle register of the country
indicated with the CountryCode</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction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

element **LocoTypeNumber/TypeCode1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind / Value / Annotation minLength 1 maxLength 1 whiteSpace replace pattern [9]
annotation	documentation Value is 9 as it's written in Part 0 of the Appendix 6 of the decision 2007/756

source	`<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>`

element **LocoTypeNumber/TypeCode2**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	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

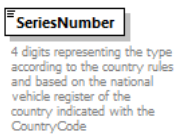
source	`<xs:element name="TypeCode2">`
	`<xs:annotation>`
	`<xs:documentation>Type of tractive rolling stock as in Part 8 of the Appendix 6 of the decision 2007/756</xs:documentation>`
	`</xs:annotation>`
	`<!--In PCS the following types are differentiated: Eletric, Diesel, Steam,`

```
Hybrid:-->
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
      <xs:maxLength value="1"/>
      <xs:pattern value="[0-9]"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **LocoTypeNumber/CountryCode**

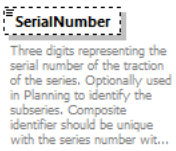
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind / Value / Annotation minLength 2 maxLength 2 whiteSpace replace pattern [0-9]{2}
annotation	documentation Numerical country code as in Part 4 of the Appendix 6 of the decision 2007/756
source	<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>

element **LocoTypeNumber/SeriesNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="SeriesNumber"> <xs:annotation> <xs:documentation>4 digits representing the type according to the country rules and based on the national vehicle register of the country indicated with the CountryCode</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:whiteSpace value="replace"/> <xs:maxLength value="4"/> <xs:pattern value="[0-9]{4}"/> </xs:restriction> </xs:simpleType> </xs:element>

element **LocoTypeNumber/SerialNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 3 maxLength 3 whiteSpace replace pattern [0-9]{3}
annotation	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.
source	<xs:element name="SerialNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Three digits representing the serial number of the traction of the series. Optionally used in Planning to identify the subseries. Composite identifier should be unique with the series number within a country.</xs:documentation> </xs:annotation>

```
  <!--Not necessary for Planning. Composite identifier should be unique with
the series number inside one country:-->
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="3"/>
      <xs:whiteSpace value="replace"/>
      <xs:maxLength value="3"/>
      <xs:pattern value="[0-9]{3}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

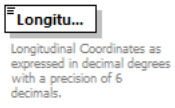
element **LocoTypeNumber/ControlDigit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<xs:element name="ControlDigit" minOccurs="0">
  <xs:annotation>
    <xs:documentation>1 control digit as usual at the end of the 12 digit
UIC identifier. Not used in Planning</xs:documentation>
  </xs:annotation>
  <!--Not necessary for Planning. Composite identifier should be unique with
the series number inside one country:-->
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
      <xs:maxLength value="1"/>
      <xs:pattern value="[0-9]"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

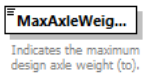
element **Longitude**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="Longitude" type="xs:float">`
	`  <xs:annotation>`
	`  <xs:documentation>Longitudinal Coordinates as expressed in decimal degrees with a precision of 6 decimals.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **MaxAxleWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	content simple
used by	elements **RollingStockDataset/DesignDataSet** **PlannedTrainTechnicalData** **TrainRunningTechData**
facets	Kind Value Annotation minInclusive 0.1 maxInclusive 99.9
annotation	documentation Indicates the maximum design axle weight (to).

source	`<xs:element name="MaxAxleWeight">`
	`  <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>`

element **MaxDesignSpeed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple

used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Maximum approved speed of the wagon (km/h)
source	<xs:element name="MaxDesignSpeed"> <xs:annotation> <xs:documentation>Maximum approved speed of the wagon (km/h)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MaxGrossWeight**

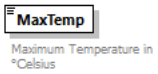
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueKilo**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Weight of max Gross Load Weight plus the tare weight of the equipment
source	<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>

element **MaxLengthOfLoad**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple

used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 1 maxInclusive 999999
annotation	documentation Measured in mm
source	<xs:element name="MaxLengthOfLoad"> <xs:annotation> <xs:documentation>Measured in mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **MaxTemp**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet/TemperatureRange**
facets	Kind Value Annotation minInclusive 0 maxInclusive 99
annotation	documentation Maximum Temperature in °Celsius
source	<xs:element name="MaxTemp"> <xs:annotation> <xs:documentation>Maximum Temperature in °Celsius</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Measure**

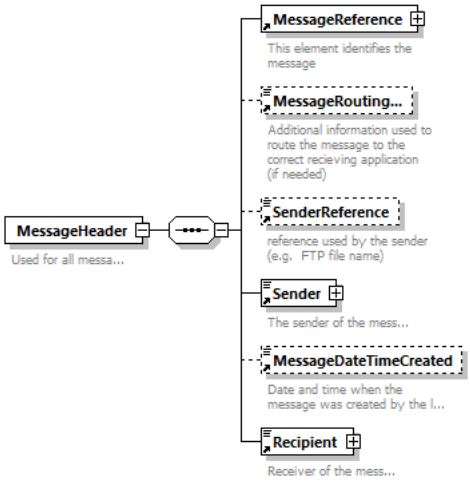
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	restriction of **xs:token**
properties	content simple
used by	elements **Height Length Width**
facets	Kind Value Annotation enumeration ft enumeration mm
annotation	documentation Measure used, either ft or mm
source	<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>

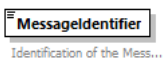
element **MessageDateTimeCreated**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **MessageHeader**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **MessageIdentifier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	**FreeText**
properties	content simple
used by	element **MessageReference**
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Identification of the Message

source	`<xs:element name="MessageIdentifier" type="FreeText">`
	`  <xs:annotation>`
	`  <xs:documentation>Identification of the Message</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **MessageReference**

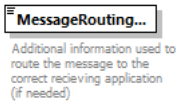
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

properties	content complex
children	**MessageType MessageTypeVersion MessageIdentifier MessageDateTime**
used by	elements **ErrorMessage/ErrorCauseReference MessageHeader**
annotation	documentation This element identifies the message
source	<xs:element name="MessageReference"> <xs:annotation> <xs:documentation>This element identifies the message</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageType"/> <xs:element ref="MessageTypeVersion"/> <xs:element ref="MessageIdentifier"/> <xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

element **MessageReference/MessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
annotation	documentation Generated by the common Interface
source	<xs:element name="MessageDateTime" type="xs:dateTime"> <xs:annotation> <xs:documentation>Generated by the common Interface</xs:documentation> </xs:annotation> </xs:element>

element **MessageRoutingID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 recieving application (if needed)

source	`<xs:element name="MessageRoutingID" type="Numeric2-2">`
	`  <xs:annotation>`
	`  <xs:documentation>Additional information used to route the message to the correct recieving application (if needed)</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **MessageType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple

used by	element **MessageReference**
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	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 6002 LocationFileDatasetMessage 6003 RollingStockDatasetMessage --sector (RU-RU) --- 5500 WagonPerformanceMessage -- sector end---

	6004 RollingStockDatasetQueryMessage -- sector (TrainID) begin -- 8500 UpateLinkMessage 8501 ObjectInfoMessage -- sector end -- 9000 ErrorMessage --Reserved: (IM-RU for SFERA) --- SF00 to SF99 for SFERA messages (see IRS90940) – Reserved end –
source	<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

6002        LocationFileDatasetMessage
6003        RollingStockDatasetMessage

--sector (RU-RU) ---
5500        WagonPerformanceMessage
-- sector end---


6004        RollingStockDatasetQueryMessage

-- sector (TrainID) begin --
8500        UpateLinkMessage
8501        ObjectInfoMessage
-- sector end --

9000        ErrorMessage

--Reserved:  (IM-RU for SFERA) ---
SF00 to SF99 for SFERA messages (see IRS90940)
- Reserved end -
```

```
                    </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **MessageTypeVersion**

diagram	MessageTypeVersi... Version of the Message T...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="MessageTypeVersion">` `  <xs:annotation>`

```
    <xs:documentation>Version of the Message Type</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="25"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **MinBrakedWeightPercent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **MinCurveRadius**

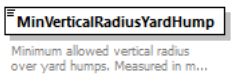
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Measured in Metres

source	<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>

element **MinTemp**

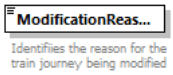
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet/TemperatureRange**
facets	Kind Value Annotation minInclusive -99 maxInclusive 0
annotation	documentation Minimum temperature in ° Celsius
source	<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>

element **MinVerticalRadiusYardHump**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="MinVerticalRadiusYardHump"> <xs:annotation> <xs:documentation>Minimum allowed vertical radius over yard humps. Measured in meters.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element>

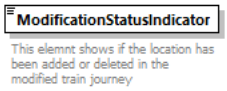
element **ModificationReason**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**DelayCode**
properties	content simple
used by	element **TrainJourneyModificationMessage**
facets	Kind Value Annotation enumeration 11 documentation Formation of trains if managed by infrastructure manager enumeration 10 documentation Timetable compilation enumeration 12 documentation Mistakes in operational procedures enumeration 13 documentation Wrong application of priority rules enumeration 14 enumeration 18 documentation Staff enumeration 19 documentation Other causes related to the operational planning and management enumeration 20 documentation Signalling installations enumeration 21 documentation Signalling installations at level crossings enumeration 22 documentation Telecommunication installations enumeration 23 documentation Power supply equipment enumeration 24 documentation Track enumeration 25 documentation Structures enumeration 28 documentation Staff enumeration 29 documentation Other causes related to infrastructure installations enumeration 31 documentation

			Irregularities in execution of construction work
	enumeration	30	documentation
			Planned construction work
	enumeration	32	documentation
			Speed restrictions due to defective track
	enumeration	39	documentation
			Other causes related to Civil engineering
	enumeration	40	documentation
			Delay caused by next IM
	enumeration	41	documentation
			Delay caused by previous IM
	enumeration	50	documentation
			exceeding the stop time
	enumeration	51	documentation
			Request of the RU
	enumeration	52	documentation
			Loading operations
	enumeration	53	documentation
			Loading irregularities
	enumeration	54	documentation
			Commercial preparation of the train
	enumeration	58	documentation
			Staff
	enumeration	59	documentation
			Other causes related to commercial causes
	enumeration	60	documentation
			Roster planning/re-rostering
	enumeration	61	documentation
			Formation of trains by the RU
	enumeration	62	documentation
			Problems affecting coaches
	enumeration	63	documentation
			Problems affecting wagons
	enumeration	64	documentation
			Problems affecting traction units
	enumeration	68	documentation
			Staff
	enumeration	69	documentation
			Other causes related to Rolling Stock
	enumeration	70	documentation
			Delay caused by next RU
	enumeration	71	documentation
			Delay caused by previous RU
	enumeration	80	documentation
			Strike
	enumeration	81	documentation
			Administrative formalites
	enumeration	82	documentation
			Outside influence
	enumeration	83	documentation
			Effects of weather and natural causes
	enumeration	84	documentation
			Delay caused by external reasons on the next network
	enumeration	89	documentation
			Other external causes
	enumeration	90	documentation
			Dangerous incidents, accidents and hazards
	enumeration	91	documentation
			Track occupation caused by the lateness of the same train
	enumeration	92	documentation
			Track occupation caused by the lateness of another train
	enumeration	93	documentation
			Turn round

	enumeration 94 documentation Connection enumeration 95 documentation Further investigation needed
annotation	documentation Identifiies the reason for the train journey being modified
source	<xs:element name="ModificationReason" type="DelayCode"> <xs:annotation> <xs:documentation>Identifiies the reason for the train journey being modified</xs:documentation> </xs:annotation> </xs:element>

element **ModificationStatusIndicator**

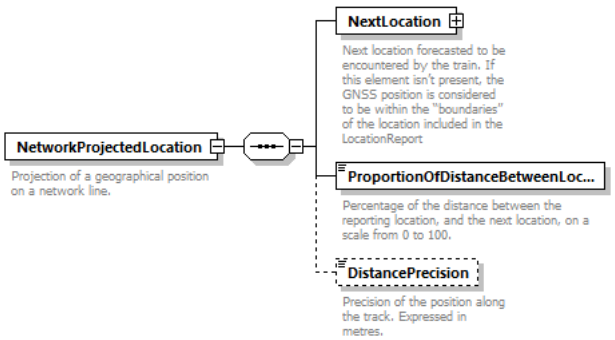
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **LocationModified**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
annotation	documentation This elemnt shows if the location has been added or deleted in the modified train journey
source	<xs:element name="ModificationStatusIndicator"> <xs:annotation> <xs:documentation>This elemnt shows if the location has been added or deleted in the modified train journey</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Name**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	elements **AdministrativeContactInformation Customer Customers RollingRoadUnit/RollingRoadUnitDetails/Haulier NetworkSpecificParameter**

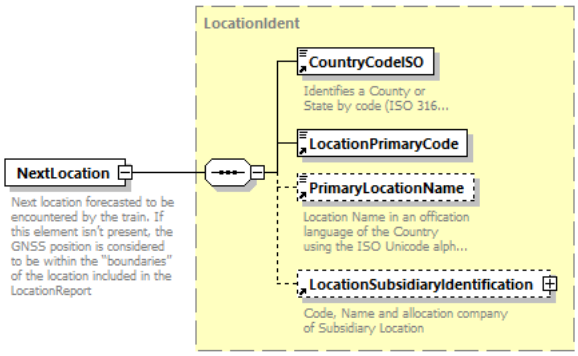
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Generic Name in Free Text
source	<xs:element name="Name" type="FreeText"> <xs:annotation> <xs:documentation>Generic Name in Free Text</xs:documentation> </xs:annotation> </xs:element>

element **NetworkProjectedLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**NextLocation** **ProportionOfDistanceBetweenLocations** **DistancePrecision**
used by	element **GeoLocalisationOnNetwork**
annotation	documentation Projection of a geographical position on a network line.
source	<xs:element name="NetworkProjectedLocation"> <xs:annotation> <xs:documentation>Projection of a geographical position on a network line. </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NextLocation" type="LocationIdent"> <xs:annotation> <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation> </xs:annotation> </xs:element> <xs:element name="ProportionOfDistanceBetweenLocations" type="Percentage"> <xs:annotation> <xs:documentation>Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100. </xs:documentation> </xs:annotation> </xs:element>

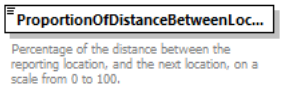
```
      <xs:element name="DistancePrecision" type="xs:float" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Precision of the position along the track.
Expressed in metres.</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **NetworkProjectedLocation/NextLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

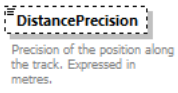
source	`<xs:element name="NextLocation" type="LocationIdent">`
	`  <xs:annotation>`
	`  <xs:documentation>Next location forecasted to be encountered by the train. If this element isn't present, the GNSS position is considered to be within the "boundaries" of the location included in the LocationReport</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **NetworkProjectedLocation/ProportionOfDistanceBetweenLocations**

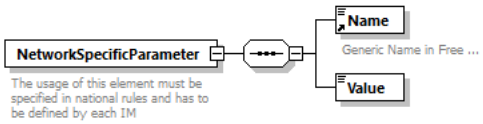
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Percentage**
properties	content simple
facets	Kind Value Annotation minInclusive 0

	maxInclusive 100
annotation	documentation Percentage of the distance between the reporting location, and the next location, on a scale from 0 to 100.
source	<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>

element **NetworkProjectedLocation/DistancePrecision**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:float**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Precision of the position along the track. Expressed in metres.
source	<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>

element **NetworkSpecificParameter**

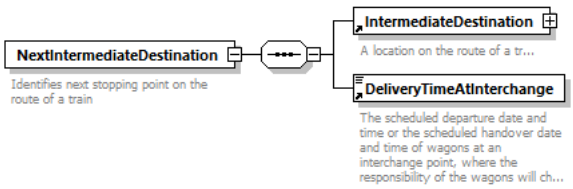
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Name Value**
used by	elements **AffectedSection PathDetailsMessage PathRequestMessage PlannedJourneyLocation**
annotation	documentation The usage of this element must be specified in national rules and has to be defined by each IM
source	<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>
```

element **NetworkSpecificParameter/Value**

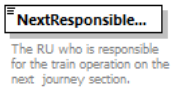
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	elements **Height** **Length** **Width**
facets	Kind Value Annotation minLength 1 maxLength 255
source	`<xs:element name="Value" type="FreeText"/>`

element **NextIntermediateDestination**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	see below

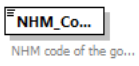
```
<xs:element name="NextIntermediateDestination">
  <xs:annotation>
    <xs:documentation>Identifies next stopping point on the route of a
train</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="IntermediateDestination"/>
      <xs:element ref="DeliveryTimeAtInterchange"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **NextResponsibleRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	element **WIMO_Dataset/ConsignmentLevelData**
facets	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.

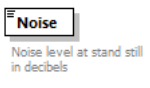
source	`<xs:element name="NextResponsibleRU" type="CompanyCode">`
	`  <xs:annotation>`
	`  <xs:documentation>The RU who is responsible for the train operation on the next journey section.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **NHM_Code**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

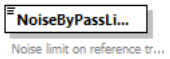
source	`<xs:element name="NHM_Code" type="NHMCodeType">`
	`  <xs:annotation>`
	`  <xs:documentation>NHM code of the goods</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **Noise**

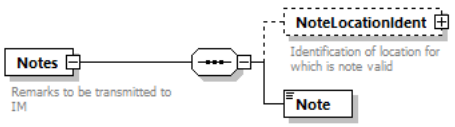
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**

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 base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **NoiseByPassLimit**

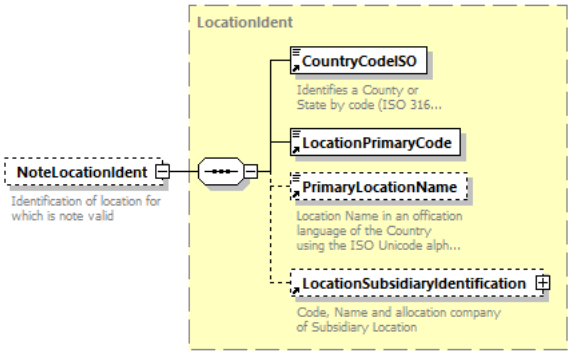
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Noise limit on reference track
source	<xs:element name="NoiseByPassLimit"> <xs:annotation> <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>

element **Notes**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

properties	content complex
children	**NoteLocationIdent** **Note**
used by	element **TrainRunningData**
annotation	documentation Remarks to be transmitted to IM
source	<xs:element name="Notes"> <xs:annotation> <xs:documentation>Remarks to be transmitted to IM</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element> <xs:element name="Note" type="FreeText"/> </xs:sequence> </xs:complexType> </xs:element>

element **Notes/NoteLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	minOcc 0 maxOcc 1 content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
annotation	documentation Identification of location for which is note valid
source	<xs:element name="NoteLocationIdent" type="LocationIdent" minOccurs="0"> <xs:annotation> <xs:documentation>Identification of location for which is note valid</xs:documentation> </xs:annotation> </xs:element>

element **Notes/Note**

diagram	Note
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
source	`<xs:element name="Note" type="FreeText"/>`

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/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **TrainRunningTechData**
facets	Kind Value Annotation minInclusive 0000 maxInclusive 9999
annotation	documentation The sum of number of axles of all wagons and all traction units

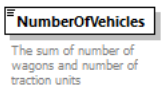
source	`<xs:element name="NumberOfAxles">`
	`  <xs:annotation>`
	`  <xs:documentation>The sum of number of axles of all wagons and all traction units</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="0000"/>`
	`  <xs:maxInclusive value="9999"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **NumberOfBogies**

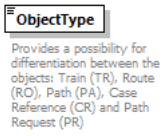
diagram	NumberOfBogies
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**

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

element **NumberOfVehicles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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 base="xs:integer"> <xs:minInclusive value="0000"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ObjectType**

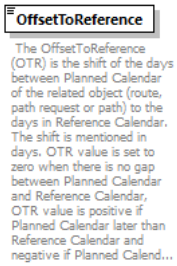
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple

used by	complexTypes **CompositIdentifierOperationalType** **CompositIdentifierPlannedType**
facets	Kind / Value / Annotation minLength 2 maxLength 2 pattern [0-9A-Z]{2} enumeration TR enumeration RO enumeration PA enumeration CR enumeration PR
annotation	documentation Provides a possibility for differentiation between the objects: Train (TR), Route (RO), Path (PA), Case Reference (CR) and Path Request (PR)
source	<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>

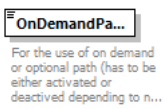
element **Offset**

diagram	Offset
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:integer**
properties	content simple
used by	element **TimingAtLocation/Timing**
source	<xs:element name="Offset" type="xs:integer"/>

element **OffsetToReference**

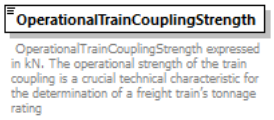
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:integer**
properties	content simple
used by	element **PlannedCalendar**
annotation	documentation The OffsetToReference (OTR) is the shift of the days between Planned Calendar of the related object (route, path request or path) to 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.>
source	`<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>`

element **OnDemandPath**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
used by	element **PlannedJourneyLocation**
annotation	documentation For the use of on demand or optional path (has to be either activated or deactived depending to network rules)

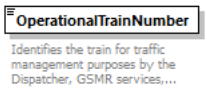
source	`<xs:element name="OnDemandPath" type="xs:boolean">`
	`  <xs:annotation>`
	`  <xs:documentation>For the use of on demand or optional path (has to be either activated or deactived depending to network rules)</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **OperationalTrainCouplingStrength**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **PlannedTrainTechnicalData**
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	documentation OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating

source	`<xs:element name="OperationalTrainCouplingStrength">`
	`  <xs:annotation>`
	`  <xs:documentation> OperationalTrainCouplingStrength expressed in kN. The operational strength of the train coupling is a crucial technical characteristic for the determination of a freight train's tonnage rating </xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="1"/>`
	`  <xs:maxInclusive value="9999"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **OperationalTrainNumber**

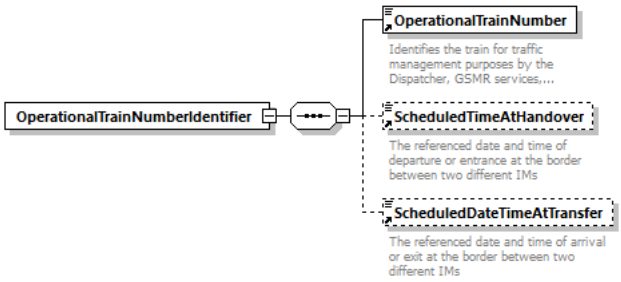
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**String1-8**
properties	content simple
used by	elements **OperationalTrainNumberIdentifier** **PlannedJourneyLocation**
facets	Kind Value Annotation minLength 1 maxLength 8
annotation	documentation Identifies the train for traffic management purposes by the Dispatcher, GSMR services, etc.

source	`<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>
```

element **OperationalTrainNumberIdentifier**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

children: **OperationalTrainNumber** **ScheduledTimeAtHandover** **ScheduledDateTimeAtTransfer**

used by: elements **AffectedLocation** **AffectedSection** **ChangeofTrackMessage** **ReferenceOTN** **TrainAtLocation** **TrainCompositionMessage** **TrainDelayCauseMessage** **TrainJourneyModificationMessage** **TrainReadyMessage** **TrainRunningForecastMessage** **TrainRunningInformationMessage** **TrainRunningInterruptionMessage**

source

```
<xs:element name="OperationalTrainNumberIdentifier">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="OperationalTrainNumber"/>
      <xs:element ref="ScheduledTimeAtHandover" minOccurs="0"/>
      <xs:element ref="ScheduledDateTimeAtTransfer" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **OriginCountry**

diagram

namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **CountryIdentISO**

properties: content simple

used by: elements **ITU_Details** **Wagons/WagonDetails**

facets

Kind	Value	Annotation
minLength	2	
maxLength	2	
pattern	[A-Z][A-Z]	

annotation

documentation
Code of origin country of the UTI.
documentation
CODE: ISO-3166-2

source

```
<xs:element name="OriginCountry">
  <xs:annotation>
```

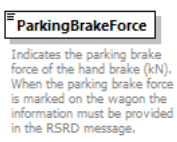
```
      <xs:documentation>Code of origin country of the UTI.</xs:documentation>
      <xs:documentation>CODE: ISO-3166-2</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="CountryIdentISO">
        <xs:pattern value="[A-Z][A-Z]"/>
      </xs:restriction>
    </xs:simpleType>
</xs:element>
```

element **OverhaulValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 1 maxExclusive 20
annotation	documentation Validity period of last overhaul in years as marked on the wagon

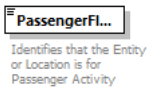
source	`<xs:element name="OverhaulValidityPeriod">`
	`  <xs:annotation>`
	`  <xs:documentation>Validity period of last overhaul in years as marked on the wagon</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="1"/>`
	`  <xs:maxExclusive value="20"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **ParkingBrakeForce**

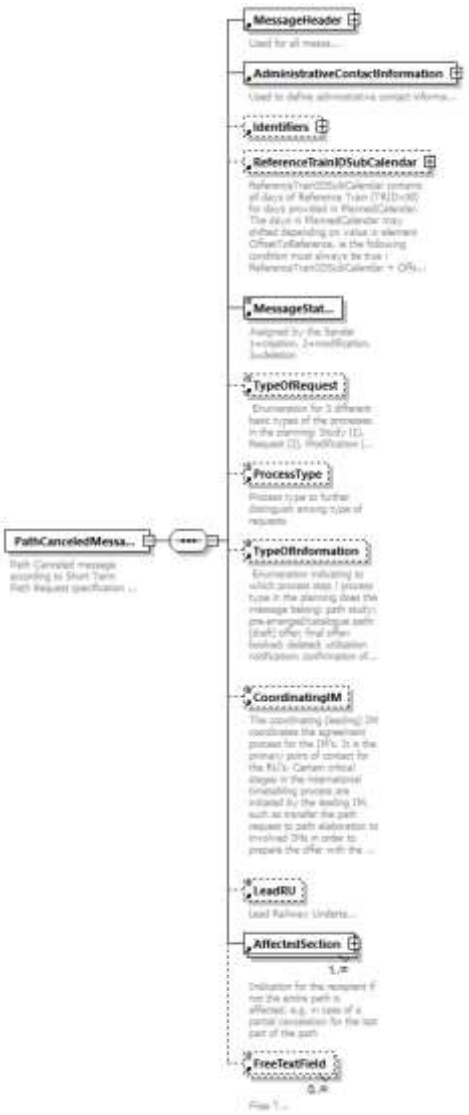
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	content simple
used by	elements **HandBrake** **WagonTechData**
facets	Kind Value Annotation totalDigits 5

	fractionDigits 1
annotation	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.
source	<xs:element name="ParkingBrakeForce"> <xs:annotation> <xs:documentation>Indicates the parking brake force of the hand brake (kN). When the parking brake force is marked on the wagon the information must be provided in the RSRD message.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:totalDigits value="5"/> <xs:fractionDigits value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **PassengerFlag**

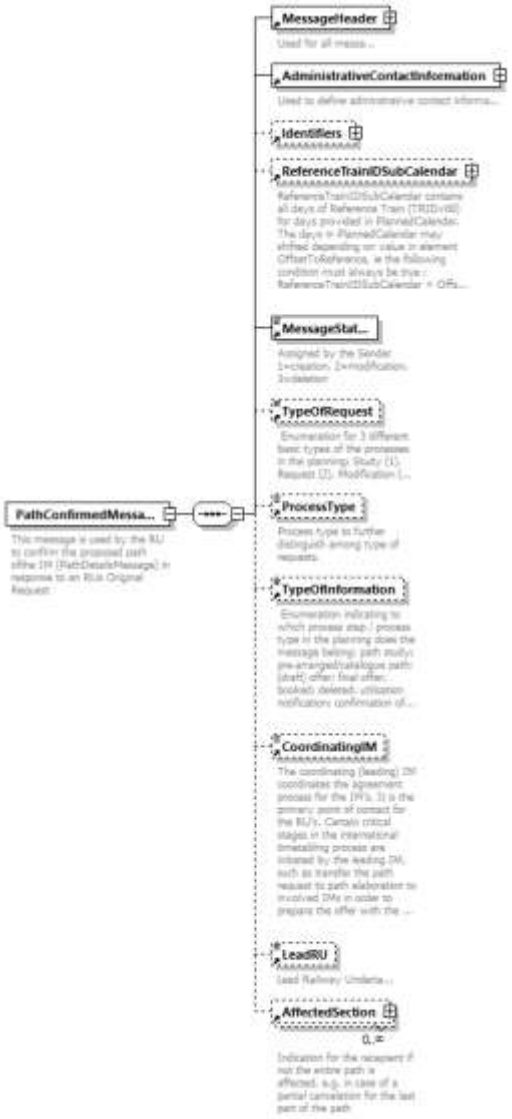
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
used by	element **LocationPrimaryInformation**
annotation	documentation Identifies that the Entity or Location is for Passenger Activity
source	<xs:element name="PassengerFlag" type="xs:boolean"> <xs:annotation> <xs:documentation>Identifies that the Entity or Location is for Passenger Activity</xs:documentation> </xs:annotation> </xs:element>

element **PathCanceledMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="PathCanceledMessage"> <xs:annotation> <xs:documentation>Path Canceled message according to Short Term Path Request specification (WG5)</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/>

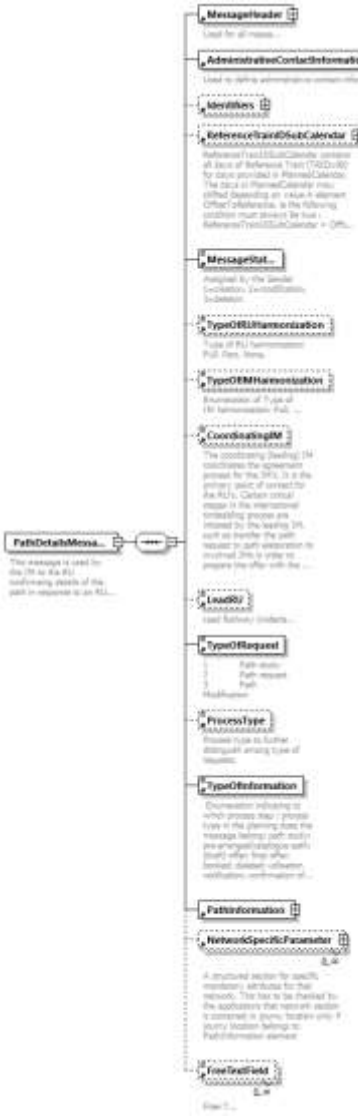
```
      <xs:element ref="TypeOfRequest" minOccurs="0"/>
      <xs:element ref="ProcessType" minOccurs="0"/>
      <xs:element ref="TypeOfInformation" minOccurs="0"/>
      <xs:element ref="CoordinatingIM" minOccurs="0"/>
      <xs:element ref="LeadRU" minOccurs="0"/>
      <xs:element ref="AffectedSection" maxOccurs="unbounded"/>
      <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **PathConfirmedMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader AdministrativeContactInformation Identifiers ReferenceTrainIDSubCalendar MessageStatus TypeOfRequest ProcessType TypeOfInformation CoordinatingIM LeadRU AffectedSection**
annotation	documentation This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs

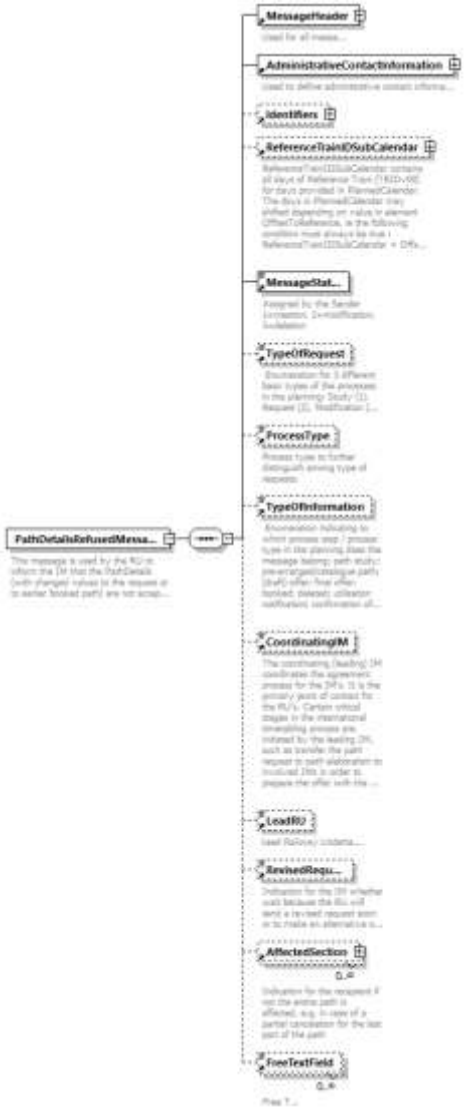
	Original Request
source	<xs:element name="PathConfirmedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to confirm the proposed path ofthe IM (PathDetailsMessage) in response to an RUs Original Request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/> <xs:element ref="MessageStatus"/> <xs:element ref="TypeOfRequest" minOccurs="0"/> <xs:element ref="ProcessType" minOccurs="0"/> <xs:element ref="TypeOfInformation" minOccurs="0"/> <xs:element ref="CoordinatingIM" minOccurs="0"/> <xs:element ref="LeadRU" minOccurs="0"/> <xs:element ref="AffectedSection" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element>

element **PathDetailsMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **AdministrativeContactInformation** **Identifiers** **ReferenceTrainIDSubCalendar** **MessageStatus** **TypeOfRUHarmonization** **TypeOfIMHarmonization** **CoordinatingIM** **LeadRU** **TypeOfRequest** **ProcessType** **TypeOfInformation** **PathInformation** **NetworkSpecificParameter** **FreeTextField**
annotation	documentation This message is used by the IM to the RU confirmaing details of the path in response to an RU request
source	<xs:element name="PathDetailsMessage"> <xs:annotation> <xs:documentation>This message is used by the IM to the RU confirmaing details of the path in response to an RU request</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>

```
      <xs:element ref="MessageStatus"/>
      <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/>
      <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/>
      <xs:element ref="CoordinatingIM" minOccurs="0"/>
      <xs:element ref="LeadRU" minOccurs="0"/>
      <xs:element ref="TypeOfRequest">
        <xs:annotation>
          <xs:documentation>1    Path study
2     Path request
3     Path Modification
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="ProcessType" minOccurs="0"/>
      <xs:element ref="TypeOfInformation"/>
      <xs:element ref="PathInformation"/>
      <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>A structured section for specific mandatory
attributes for that network. This has to be checked by the applications that
network section is contained in journy location only if journy 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>
```

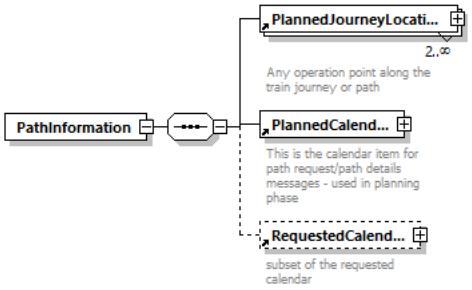
element **PathDetailsRefusedMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="PathDetailsRefusedMessage"> <xs:annotation> <xs:documentation>This message is used by the RU to inform the IM that the PathDetails (with changed values to the request or to earlier booked path) are not acceptable</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/>

```
      <xs:element ref="Identifiers" minOccurs="0"/>
      <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
      <xs:element ref="MessageStatus"/>
      <xs:element ref="TypeOfRequest" minOccurs="0"/>
      <xs:element ref="ProcessType" minOccurs="0"/>
      <xs:element ref="TypeOfInformation" minOccurs="0"/>
      <xs:element ref="CoordinatingIM" minOccurs="0"/>
      <xs:element ref="LeadRU" minOccurs="0"/>
      <xs:element ref="RevisedRequest" minOccurs="0"/>
      <xs:element ref="AffectedSection" minOccurs="0"
maxOccurs="unbounded"/>
      <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **PathInformation**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

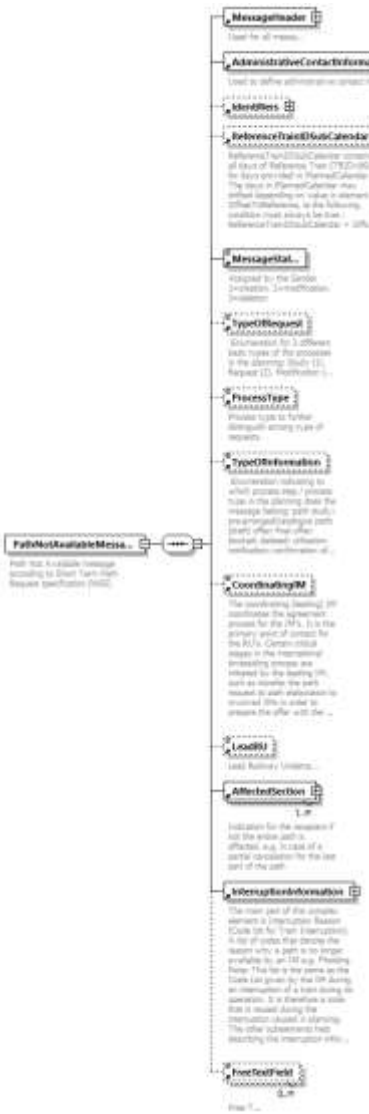
children: PlannedJourneyLocation PlannedCalendar RequestedCalendar

used by: elements PathDetailsMessage PathRequestMessage

source

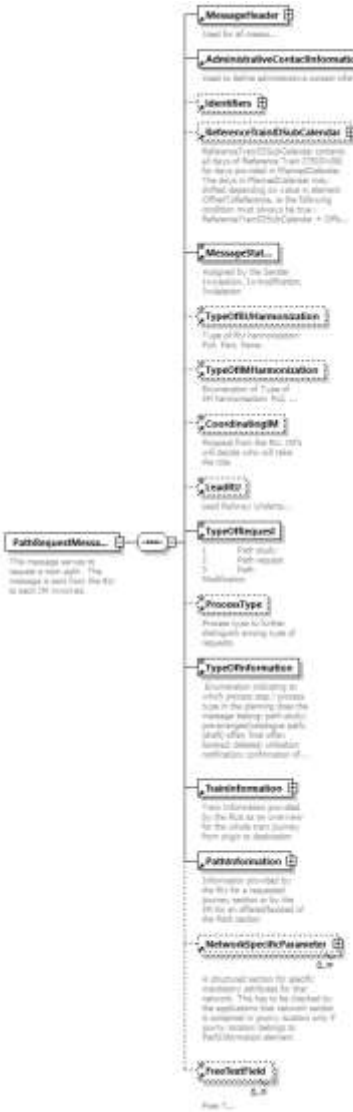
```
<xs:element name="PathInformation">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="PlannedJourneyLocation" minOccurs="2"
maxOccurs="unbounded"/>
      <xs:element ref="PlannedCalendar"/>
      <xs:element ref="RequestedCalendar" minOccurs="0">
        <xs:annotation>
          <xs:documentation>subset of the requested
calendar</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **PathNotAvailableMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="PathNotAvailableMessage"> <xs:annotation> <xs:documentation>Path Not Available message according to Short Term Path Request specification (WG5) </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/> <xs:element ref="AdministrativeContactInformation"/> <xs:element ref="Identifiers" minOccurs="0"/> <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>

```
      <xs:element ref="MessageStatus"/>
      <xs:element ref="TypeOfRequest" minOccurs="0"/>
      <xs:element ref="ProcessType" minOccurs="0"/>
      <xs:element ref="TypeOfInformation" minOccurs="0"/>
      <xs:element ref="CoordinatingIM" minOccurs="0"/>
      <xs:element ref="LeadRU" minOccurs="0"/>
      <xs:element ref="AffectedSection" maxOccurs="unbounded"/>
      <xs:element ref="InterruptionInformation"/>
      <xs:element ref="FreeTextField" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **PathRequestMessage**

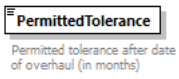
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **AdministrativeContactInformation** **Identifiers** **ReferenceTrainIDSubCalendar** **MessageStatus** **TypeOfRUHarmonization** **TypeOfIMHarmonization** **CoordinatingIM** **LeadRU** **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	

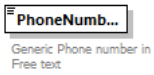
```
<xs:element name="PathRequestMessage">
  <xs:annotation>
    <xs:documentation>This message serves to request a train path.  The
message is sent from the RU to each IM involved.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="AdministrativeContactInformation"/>
      <xs:element ref="Identifiers" minOccurs="0"/>
      <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
      <xs:element ref="MessageStatus"/>
      <xs:element ref="TypeOfRUHarmonization" minOccurs="0"/>
      <xs:element ref="TypeOfIMHarmonization" minOccurs="0"/>
      <xs:element ref="CoordinatingIM" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Proposal from the RU, IM's will decide who will
take the role.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="LeadRU" minOccurs="0"/>
      <xs:element ref="TypeOfRequest">
        <xs:annotation>
          <xs:documentation>1    Path study
2     Path request
3     Path Modification
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="ProcessType" minOccurs="0"/>
      <xs:element ref="TypeOfInformation"/>
      <xs:element ref="TrainInformation">
        <xs:annotation>
          <xs:documentation>Train Information provided by the RUs as an
overview for the whole train journey from origin to
destination</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="PathInformation">
        <xs:annotation>
          <xs:documentation>Information provided by the RU for a requested
journey section or by the IM for an offered/booked of the Path
section</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>A structured section for specific mandatory
attributes for that network. This has to be checked by the applications that
network section is contained in journy location only if journy 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>
```

element **PermittedTolerance**

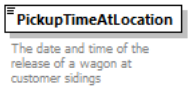
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 0 maxInclusive 99
annotation	documentation Permitted tolerance after date of overhaul (in months)
source	<xs:element name="PermittedTolerance"> <xs:annotation> <xs:documentation>Permitted tolerance after date of overhaul (in months)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="0"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element>

element **PhoneNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="PhoneNumber" type="CommunicationRefID"> <xs:annotation>

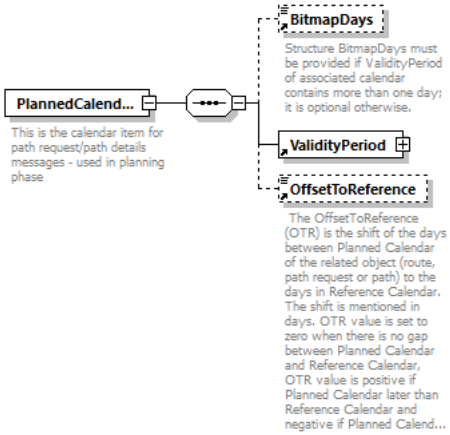
```
    <xs:documentation>Generic Phone number in Free text</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **PickupTimeAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
annotation	documentation The date and time of the release of a wagon at customer sidings

source	`<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>`

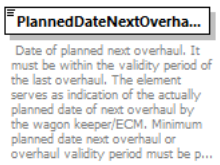
element **PlannedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

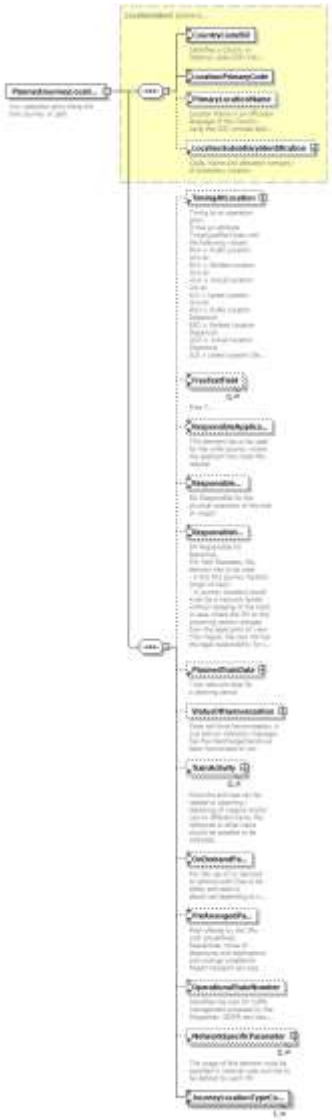
source	`<xs:element name="PlannedCalendar">`
	`  <xs:annotation>`
	`  <xs:documentation>This is the calendar item for path request/path details messages - used in planning phase</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`

```
    <xs:sequence>
      <xs:element ref="BitmapDays" minOccurs="0"/>
      <xs:element ref="ValidityPeriod"/>
      <xs:element ref="OffsetToReference" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **PlannedDateNextOverhaul**

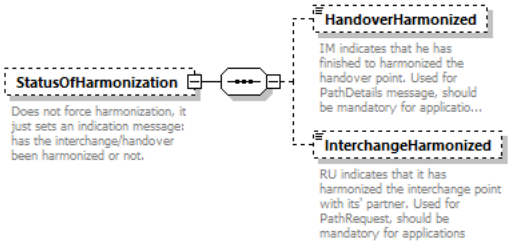
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
annotation	documentation Date of planned next overhaul. It must be within the validity period of the last overhaul. The element serves as indication 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.
source	`<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>`

element **PlannedJourneyLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="PlannedJourneyLocation"> <xs:annotation> <xs:documentation>Any operation point along the train journey or path</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent>

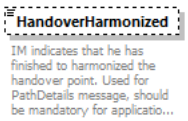
```
      <xs:extension base="LocationIdent">
        <xs:sequence minOccurs="1">
          <xs:element ref="TimingAtLocation" minOccurs="0"/>
          <xs:element ref="FreeTextField" minOccurs="0"
maxOccurs="unbounded"/>
          <xs:element ref="ResponsibleApplicant" minOccurs="0"/>
          <xs:element ref="ResponsibleRU" minOccurs="0"/>
          <xs:element ref="ResponsibleIM" minOccurs="0"/>
          <xs:element ref="PlannedTrainData" minOccurs="0"/>
          <xs:element name="StatusOfHarmonization" minOccurs="0">
            <xs:annotation>
              <xs:documentation>Does not force harmonization, it just sets
an indication message: has the interchange/handover been harmonized or
not.</xs:documentation>
            </xs:annotation>
            <xs:complexType>
              <xs:sequence>
                <xs:element name="HandoverHarmonized" type="xs:boolean"
minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>IM indicates that he has finished to
harmonized the handover point. Used for PathDetails message, should be
mandatory for applications.</xs:documentation>
                  </xs:annotation>
                </xs:element>
                <xs:element name="InterchangeHarmonized" type="xs:boolean"
minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>RU indicates that it has harmonized
the interchange point with its' partner. Used for PathRequest, should be
mandatory for applications</xs:documentation>
                  </xs:annotation>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element ref="TrainActivity" minOccurs="0"
maxOccurs="unbounded"/>
          <xs:element ref="OnDemandPath" minOccurs="0"/>
          <xs:element ref="PreArrangedPath" minOccurs="0"/>
          <xs:element ref="OperationalTrainNumber" minOccurs="0"/>
          <xs:element ref="NetworkSpecificParameter" minOccurs="0"
maxOccurs="unbounded"/>
          <xs:element ref="JourneyLocationTypeCode" minOccurs="1"
maxOccurs="unbounded"/>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
</xs:element>
```

element **PlannedJourneyLocation/StatusOfHarmonization**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**HandoverHarmonized** **InterchangeHarmonized**
annotation	documentation Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.

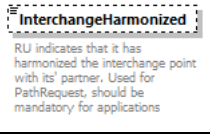
source	`<xs:element name="StatusOfHarmonization" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Does not force harmonization, it just sets an indication message: has the interchange/handover been harmonized or not.</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<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>`

element **PlannedJourneyLocation/StatusOfHarmonization/HandoverHarmonized**

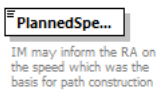
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**

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	<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>

element **PlannedJourneyLocation/StatusOfHarmonization/InterchangeHarmonized**

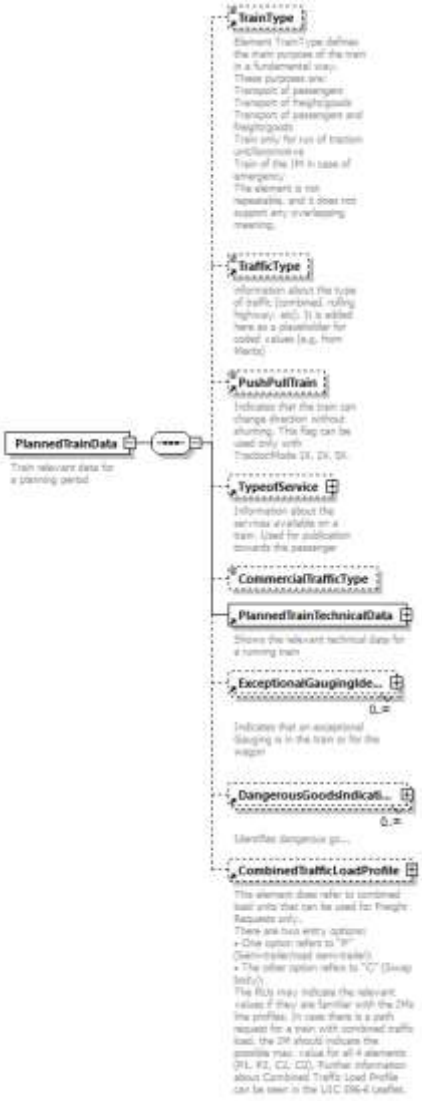
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation RU indicates that it has harmonized the interchange point with its' partner. Used for PathRequest, should be mandatory for applications
source	<xs:element 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>

element **PlannedSpeed**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **PlannedTrainData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>
```

element **PlannedTrainData/CommercialTrafficType**

diagram	CommercialTrafficType
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**type7009BrandNameCodeList**
properties	minOcc 0 maxOcc 1 content simple

facets

Kind	Value	Annotation
maxLength	17	
enumeration	46	documentation TAJ documentation TAJ documentation Day car train documentation 13 documentation 0
enumeration	47	documentation TAC documentation TAC documentation Car sleeper train, motor rail (CST) documentation 14 documentation 0
enumeration	48	documentation SAE documentation SAE documentation Unaccompanied car service, motor rail

			documentation 14 documentation 0
	enumeration	49	documentation EIC documentation EkspresIC documentation Fast and Comfortable Interregional trains documentation 10 documentation 0
	enumeration	50	documentation EC documentation EuroCity documentation EuroCity documentation 9 documentation 0
	enumeration	51	documentation ICE documentation ICE documentation ICE documentation 8 documentation 0
	enumeration	52	documentation AVE documentation AVE documentation AVE documentation 8 documentation 0
	enumeration	53	documentation EIL documentation EUROSTAR documentation Eurostar documentation 8 documentation 0
	enumeration	54	documentation documentation documentation Talgo documentation 9 documentation

			0
	enumeration	55	documentation OTU documentation Oresundstog documentation Oresundstog documentation 10 documentation 0
	enumeration	56	documentation TGV documentation TGV documentation TGV Bruxelles – Lille / Province documentation 8 documentation 0
	enumeration	58	documentation TRN documentation Intercités documentation Intercités documentation 9 documentation 0
	enumeration	59	documentation AE documentation ALLEGRO documentation Allegro documentation 8 documentation 0
	enumeration	60	documentation ECB documentation EuroCityBrenner documentation EuroCityBrenner documentation 9 documentation 0
	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 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 documentation TRN documentation 10 documentation 0
	enumeration	68	documentation documentation documentation International documentation 9 documentation 0
	enumeration	69	documentation documentation

			documentation Express documentation 10 documentation 0
	enumeration	70	documentation EN documentation EuroNight documentation Euro Night documentation 13 documentation 0
	enumeration	71	documentation HST documentation High-speed train documentation High-speed train documentation 8 documentation 0
	enumeration	72	documentation TRN documentation TRAIN documentation Train SNCF documentation 9 documentation 0
	enumeration	73	documentation TGV documentation TGV documentation TGV Sud-Est documentation 8 documentation 0
	enumeration	74	documentation TGV documentation TGV documentation TGV Atlantique documentation 8 documentation 0
	enumeration	75	documentation TGV documentation TGV documentation TGV Nord

			documentation 8 documentation 0
	enumeration	76	documentation TGV documentation TGV documentation TGV Lyria documentation 8 documentation 0
	enumeration	77	documentation TGV documentation TGV documentation TGV Duplex documentation 8 documentation 0
	enumeration	79	documentation TGV documentation TGV documentation TGV Est documentation 8 documentation 0
	enumeration	80	documentation TGV documentation TGV documentation TGV Interconnexion documentation 8 documentation 0
	enumeration	82	documentation documentation THALYS documentation Thalys documentation 8 documentation 0
	enumeration	83	documentation documentation Ferry documentation hovercraft documentation 33 documentation

			0
	enumeration	84	documentation RE documentation regional train documentation Regional documentation 11 documentation 0
	enumeration	85	documentation WTE documentation Wilhelm Tell Express documentation Wilhelm Tell Express documentation 10 documentation 0
	enumeration	87	documentation documentation PENDOLINO documentation Pendolino documentation 8 documentation 0
	enumeration	88	documentation Suburban documentation 8 documentation 0
	enumeration	89	documentation ALV documentation Alvia documentation Alvia documentation 8 documentation 0
	enumeration	90	documentation AVN documentation Avant documentation Avant documentation 8 documentation 0
	enumeration	91	documentation TER documentation TRAIN documentation Regional TER

			documentation 11 documentation 0
	enumeration	92	documentation REG documentation NSB Regiontog documentation NSB Regiontog documentation 37 documentation 0
	enumeration	93	documentation FB documentation FRECCIABIANCA documentation FRECCIABIANCA documentation 8 documentation 0
	enumeration	94	documentation SC documentation SuperCity documentation Supercity documentation 9 documentation 0
	enumeration	95	documentation CNL documentation City Night Line (D) documentation DB Nachtzug documentation 13 documentation 0
	enumeration	96	documentation INI documentation InterCityNotte Italia documentation InterCityNotte documentation 13 documentation 0
	enumeration	97	documentation GB documentation ATOC MEMBER OPERATED SERVICE documentation ATOC 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 documentation 13 documentation 0
	enumeration	114	documentation EUR documentation Euromed documentation Euromed documentation

			9 documentation 0
	enumeration	115	documentation ALR documentation Alaris documentation Alaris documentation 9 documentation 0
	enumeration	116	documentation ALT documentation Altaria documentation Altaria documentation 9 documentation 0
	enumeration	117	documentation ARC documentation Arco documentation intercity documentation 9 documentation 2
	enumeration	119	documentation documentation documentation S-Bahn documentation 12 documentation 0
	enumeration	121	documentation Night Train documentation Night Train documentation 13 documentation 0
	enumeration	122	documentation IR documentation Interregional documentation Interregional documentation 10 documentation 0
	enumeration	123	documentation IRN

			documentation Interregional Night Train documentation Interregional Night Train documentation 13 documentation 2
	enumeration	124	documentation NLT documentation TOLSTOI documentation Tolstoi documentation 13 documentation 0
	enumeration	126	documentation documentation documentation ARZ documentation 14 documentation 0
	enumeration	128	documentation AVE documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0
	enumeration	129	documentation TGV documentation RENFE SNCF EN COOPERATION documentation RENFE SNCF documentation 8 documentation 0
	enumeration	130	documentation BUS documentation IC Bus documentation Bus documentation 32 documentation 0
	enumeration	131	documentation BUS documentation IC Bus international documentation

			Bus documentation 32 documentation 0
	enumeration	153	documentation documentation special train documentation Sonderzug documentation 9 documentation 0
	enumeration	154	documentation documentation documentation InterCityRapid documentation 9 documentation 0
	enumeration	155	documentation documentation documentation InterPici documentation 9 documentation 0
	enumeration	157	documentation documentation documentation Fast train documentation 9 documentation 0
	enumeration	158	documentation documentation documentation Euregio documentation 11 documentation 0
	enumeration	159	documentation documentation Bus documentation

			IC Ersatzbus documentation 32 documentation 0
	enumeration	160	documentation documentation Bus documentation IP Ersatzbus documentation 32 documentation 0
	enumeration	162	documentation documentation Bus documentation Replacement Bus documentation 32 documentation 0
	enumeration	163	documentation TGV documentation TGV documentation TGV Duplex Lyria documentation 8 documentation 0
	enumeration	166	documentation TGV documentation TGV INOUI documentation TGV Duplex France Allemagne documentation 8 documentation 2
	enumeration	170	documentation YHT documentation YHT documentation High speed train in Turkey documentation 8 documentation 0
	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 32 documentation 0
	enumeration	200	documentation GGB documentation Gornergrat Bahn documentation Mountain train documentation 10 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 Intercity Plus documentation 9 documentation 0
	enumeration	206	documentation RID documentation Riviera Day

			documentation Riviera day documentation 9 documentation 0
	enumeration	207	documentation RIN documentation Riviera Night documentation Riviera night documentation 9 documentation 0
	enumeration	209	documentation RJ documentation R A I L JET documentation Rail Jet documentation 9 documentation 0
	enumeration	213	documentation AZ documentation DB Autozug documentation DB Autozug documentation 14 documentation 0
	enumeration	214	documentation documentation Berlin-Warszawa-Express documentation Berlin-Warszawa-Express documentation 8 documentation 0
	enumeration	215	documentation documentation Railpromo Austria Express/Treski documentation Austria Express/Treski documentation 13 documentation 0
	enumeration	216	documentation documentation PRECIOS MERCADO documentation Precios Mercado

			documentation 9 documentation 0
	enumeration	219	documentation TGV documentation TGV documentation TGV documentation 8 documentation 0
	enumeration	223	documentation FB documentation FB documentation FernBus documentation 32 documentation 0
	enumeration	224	documentation ICB documentation Intercitybus documentation ÖBB-Intercitybus documentation 32 documentation 0
	enumeration	225	documentation TLK documentation TLK train documentation Yours Rail Lines documentation 10 documentation 0
	enumeration	226	documentation A documentation RailBus documentation RailBus documentation 32 documentation 0
	enumeration	227	documentation BUS documentation Replacement bus for Regional Train documentation Replacement bus for Regional Train documentation 32 documentation

			0
	enumeration	228	documentation
			IR
			documentation
			InterREGIO train
			documentation
			InterREGIO train
			documentation
			10
			documentation
			0
	enumeration	229	documentation
			IRB
			documentation
			Replacement bus for InterRegio train
			documentation
			Replacement bus for InterRegio train
			documentation
			32
			documentation
			0
	enumeration	230	documentation
			MP
			documentation
			Fast International Train
			documentation
			Fast International Train
			documentation
			10
			documentation
			0
	enumeration	231	documentation
			MR
			documentation
			musicREGIO train
			documentation
			musicREGIO train
			documentation
			11
			documentation
			0
	enumeration	232	documentation
			Os
			documentation
			Stopping Train
			documentation
			Stopping Train
			documentation
			11
			documentation
			0
	enumeration	233	documentation
			P
			documentation
			Fast Train
			documentation
			Fast Train
			documentation
			10
			documentation
			0
	enumeration	234	documentation
			R

			documentation REGIO train documentation REGIO train documentation 11 documentation 0
	enumeration	235	documentation RE documentation REGIOekspres train documentation REGIOekspres train documentation 10 documentation 0
	enumeration	236	documentation VR documentation viaREGIO train documentation viaREGIO train documentation 11 documentation 0
	enumeration	237	documentation TK documentation TurKol documentation TurKol documentation 11 documentation 0
	enumeration	238	documentation EIP documentation EIC Premium documentation High-speed train documentation 8 documentation 0
	enumeration	239	documentation SKM documentation PKP SKM w Trojmiescie documentation PKP SKM w Trojmiescie documentation 12 documentation 0
	enumeration	240	documentation SA documentation SAPSAN documentation

			High speed train documentation 8 documentation 0
	enumeration	242	documentation STR documentation STRIZH documentation Strizh night train documentation 13 documentation 0
	enumeration	243	documentation STR documentation STRIZH documentation Strizh interregional documentation 8 documentation 0
	enumeration	244	documentation NJ documentation NJ documentation NJ Night Jet documentation 13 documentation 0
	enumeration	245	documentation CAR documentation AUTOCAR documentation French regional buses (not sold via Hermes) documentation 32 documentation 0
	enumeration	246	documentation RJX documentation RJX documentation RJX railjet xpress documentation 8 documentation 0
	enumeration	247	documentation CJX documentation CJX documentation CJX cityjet xpress documentation 10

			documentation 0
	enumeration	248	documentation Night train BC documentation Night train BC documentation 13 documentation 0
	enumeration	249	documentation TGV documentation TGV INOUI documentation TGV INOUI documentation 8 documentation 0
	enumeration	250	documentation TGV documentation TGV INOUI documentation TGV INOUI DUPLEX (double decker TGV) documentation 8 documentation 0
	enumeration	251	documentation ALI documentation Aare Linth documentation Aare Linth (Panorama Train) documentation 10 documentation 0
	enumeration	252	documentation TGO documentation Treno Gottardo documentation Treno Gottardo (Panorama Train) documentation 10 documentation 0
	enumeration	253	documentation VAE documentation Voralpen-Express documentation Voralpen-Express (Panorama Train) documentation 10 documentation 0
	enumeration	254	documentation LK documentation

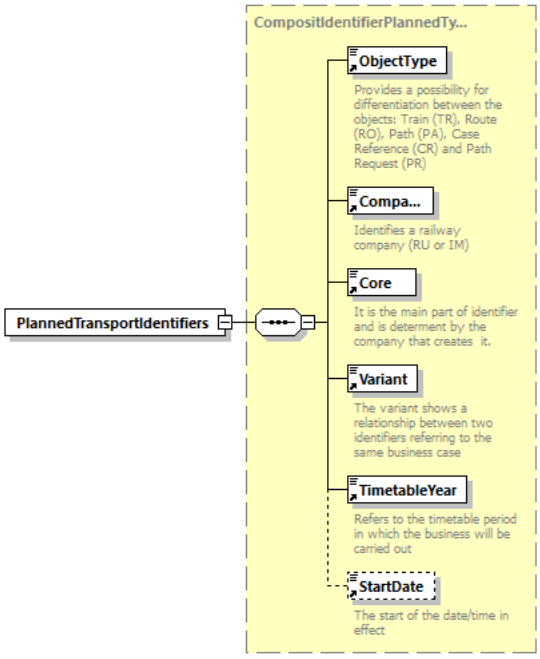
	FRECCIALINK documentation FRECCIALINK documentation 32 documentation 0 enumeration 255 documentation FRN documentation FRECCIAROSSA NOTTE documentation FRECCIAROSSA NOTTE documentation 13 documentation 0 enumeration 256 documentation ABS documentation ANEK – SUPERFAST JOINT VENTURE documentation Domestic routes Crete documentation 33 documentation 0 enumeration 257 documentation ASF documentation ANEK – SUPERFAST JOINT VENTURE documentation International Lines Italy-Greece and V.V. documentation 33 documentation 0 enumeration 258 documentation BSF documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0 enumeration 259 documentation HSW documentation BLUE STAR FERRIES MARITIME SA CO JOINT VENTURE documentation Domestic routes Greece documentation 33 documentation 0
source	`<xs:element name="CommercialTrafficType" type="tap:type7009BrandNameCodeList" minOccurs="0"/>`

element **PlannedTrainTechnicalData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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
vehicels on infrastructure).</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="BrakeType" minOccurs="0"/>
      <xs:element ref="EmergencyBrakeOverride" minOccurs="0"/>
      <xs:element ref="BrakingRatio" minOccurs="0"/>
      <xs:element ref="MinBrakedWeightPercent" minOccurs="0"/>
      <xs:element ref="BrakeWeight" minOccurs="0"/>
      <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="TrainRadioSystem" minOccurs="0"/>
      <xs:element ref="TiltingFunction" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Indicates if a train uses a tilting
system</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="OperationalTrainCouplingStrength" minOccurs="0"/>
      <xs:element ref="BogieWagonsOnly" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **PlannedTransportIdentifiers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompositIdentifierPlannedType**
properties	content complex
children	**ObjectType Company Core Variant TimetableYear StartDate**
used by	elements **ErrorMessage Identifiers**
source	`<xs:element name="PlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/>`

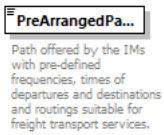
element **PostalCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 10
annotation	documentation The postal code for the postal address

source	`<xs:element name="PostalCode">`
	`  <xs:annotation>`
	`  <xs:documentation>The postal code for the postal address</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`

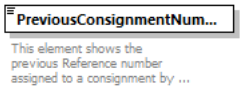
```
      <xs:minLength value="1"/>
      <xs:maxLength value="10"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **PreArrangedPath**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **PlannedJourneyLocation**
facets	Kind Value Annotation minLength 1 maxLength 9
annotation	documentation Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.

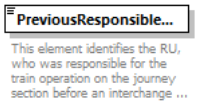
source	`<xs:element name="PreArrangedPath">`
	`  <xs:annotation>`
	`  <xs:documentation>Path offered by the IMs with pre-defined frequencies, times of departures and destinations and routings suitable for freight transport services.  </xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="9"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **PreviousConsignmentNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>
```

element **PreviousResponsibleRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	element **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	`<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>`

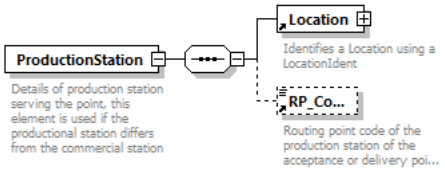
element **PrimaryLocationName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	complexType **LocationIdent**
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Location Name in an offication language of the Country using the ISO Unicode alphabet

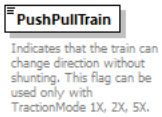
source	`<xs:element name="PrimaryLocationName" type="FreeText">`
	`  <xs:annotation>`
	`  <xs:documentation>Location Name in an offication language of the Country using the ISO Unicode alphabet</xs:documentation>`
	`  </xs:annotation>`

	</xs:element>

element **ProductionStation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **PushPullTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

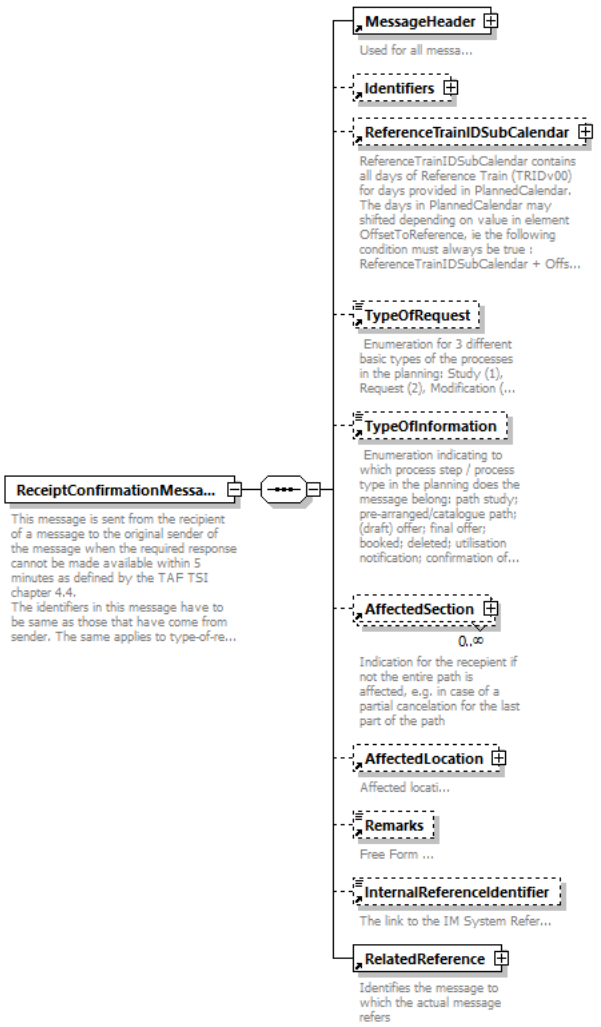
```
  </xs:annotation>
</xs:element>
```

element **Quantity**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
used by	elements **ConsignmentOrderMessage/COMS/COM/AttachedDocuments** **LoadingTackles**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Amount of the loading tackles of the specified type.

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

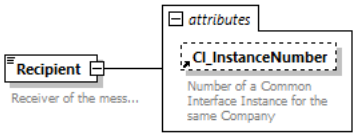
element **ReceiptConfirmationMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader Identifiers ReferenceTrainIDSubCalendar TypeOfRequest TypeOfInformation AffectedSection AffectedLocation Remarks InternalReferenceIdentifier RelatedReference**
annotation	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.
source	<xs:element name="ReceiptConfirmationMessage"> <xs:annotation> <xs:documentation>This message is sent from the recipient of a message to the original sender of the message when the required response cannot be made available within 5 minutes as defined by the TAF TSI chapter 4.4. The identifiers in this message have to be same as those that have come from sender. The same applies to type-of-request and type-of-information.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MessageHeader"/>

```
      <xs:element ref="Identifiers" minOccurs="0"/>
      <xs:element ref="ReferenceTrainIDSubCalendar" minOccurs="0"/>
      <xs:element ref="TypeOfRequest" minOccurs="0"/>
      <xs:element ref="TypeOfInformation" minOccurs="0"/>
      <xs:element ref="AffectedSection" minOccurs="0"
maxOccurs="unbounded"/>
      <xs:element ref="AffectedLocation" minOccurs="0"/>
      <xs:element ref="Remarks" minOccurs="0"/>
      <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/>
      <xs:element ref="RelatedReference"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Recipient**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: extension of **CompanyCode**

properties: content complex

used by: element **MessageHeader**

facets

Kind	Value	Annotation
minLength	4	
maxLength	4	
pattern	[0-9A-Z]{4}	

attributes

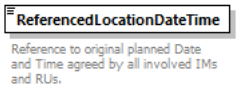
Name	Type	Use	Default	Fixed	Annotation
CI_InstanceNumber	**Numeric2-2**				documentation: Number of a Common Interface Instance for the same Company

annotation: documentation
Receiver of the message

source

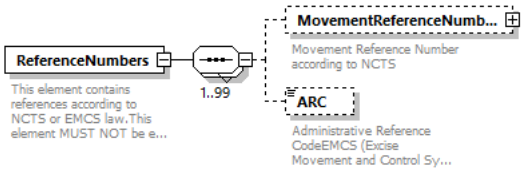
```
<xs:element name="Recipient">
  <xs:annotation>
    <xs:documentation>Receiver of the message</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="CompanyCode">
        <xs:attribute ref="CI_InstanceNumber"/>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
```

element **ReferencedLocationDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

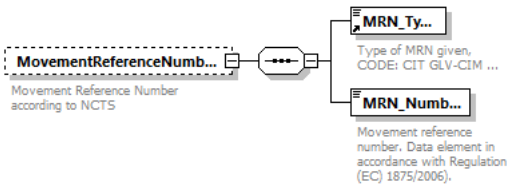
element **ReferenceNumbers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="ReferenceNumbers">`
	`  <xs:annotation>`
	`  <xs:documentation>This element contains references according to NCTS or EMCS law.This element MUST NOT be empty!</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:sequence maxOccurs="99">`
	`  <xs:element name="MovementReferenceNumber" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Movement Reference Number according to NCTS</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="MRN_Type"/>`
	`  <xs:element name="MRN_Number">`
	`  <xs:annotation>`
	`  <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation>`

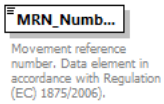
```
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="21"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="ARC" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Administrative Reference CodeEMCS (Excise
Movement and Control System)</xs:documentation>
          <xs:documentation>CODE: EU (EC) No 684/2009</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="21"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **ReferenceNumbers/MovementReferenceNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**MRN_Type** **MRN_Number**
annotation	documentation Movement Reference Number according to NCTS
source	<xs:element name="MovementReferenceNumber" minOccurs="0"> <xs:annotation> <xs:documentation>Movement Reference Number according to NCTS</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="MRN_Type"/> <xs:element name="MRN_Number"> <xs:annotation> <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation> </xs:annotation>

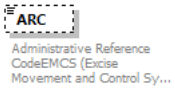
```
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="21"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **ReferenceNumbers/MovementReferenceNumber/MRN_Number**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 21
annotation	documentation Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).

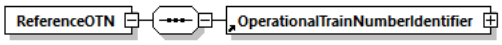
source	`<xs:element name="MRN_Number">`
	`  <xs:annotation>`
	`  <xs:documentation>Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="21"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **ReferenceNumbers/ARC**

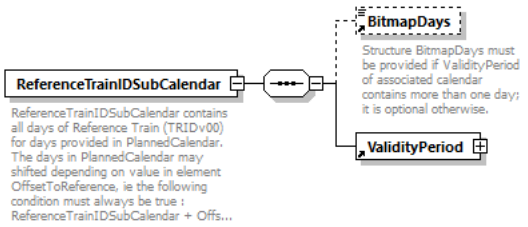
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation length 21
annotation	documentation Administrative Reference CodeEMCS (Excise Movement and Control System)

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

element **ReferenceOTN**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**OperationalTrainNumberIdentifier**
used by	elements **ChangeofTrackMessage** **TrainAtLocation** **TrainCompositionMessage** **TrainDelayCauseMessage** **TrainJourneyModificationMessage** **TrainReadyMessage** **TrainRunningForecastMessage** **TrainRunningInformationMessage** **TrainRunningInterruptionMessage**
source	<xs:element name="ReferenceOTN"> <xs:complexType> <xs:sequence> <xs:element ref="OperationalTrainNumberIdentifier"/> </xs:sequence> </xs:complexType> </xs:element>

element **ReferenceTrainIDSubCalendar**

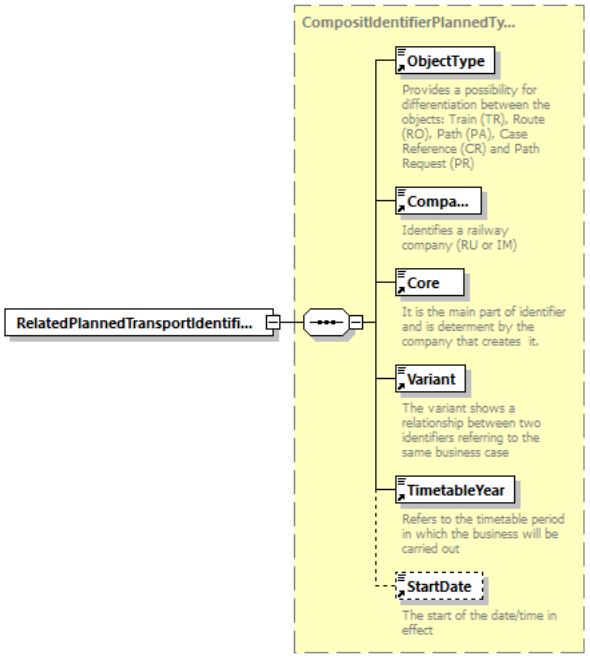
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**BitmapDays** **ValidityPeriod**
used by	elements **PathCanceledMessage** **PathConfirmedMessage** **PathDetailsMessage** **PathDetailsRefusedMessage** **PathNotAvailableMessage** **PathRequestMessage** **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	<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>

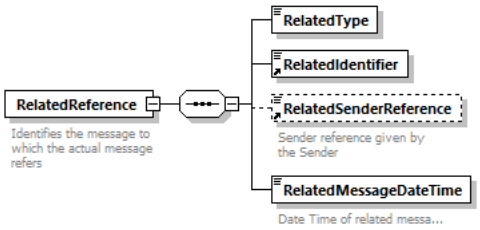
element **RelatedIdentifier**

diagram	RelatedIdentifier
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	element **RelatedReference**
facets	Kind Value Annotation minLength 1 maxLength 255
source	<xs:element name="RelatedIdentifier" type="FreeText"/>

element **RelatedPlannedTransportIdentifiers**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompositIdentifierPlannedType**
properties	content complex
children	**ObjectType Company Core Variant TimetableYear StartDate**
used by	element **Identifiers**
source	`<xs:element name="RelatedPlannedTransportIdentifiers" type="CompositIdentifierPlannedType"/>`

element **RelatedReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>
```

element **RelatedReference/RelatedType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**MessageCode**
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
source	`<xs:element name="RelatedType" type="MessageCode"/>`

element **RelatedReference/RelatedMessageDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
annotation	documentation Date Time of related message.

source	`<xs:element name="RelatedMessageDateTime" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>Date Time of related message. </xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

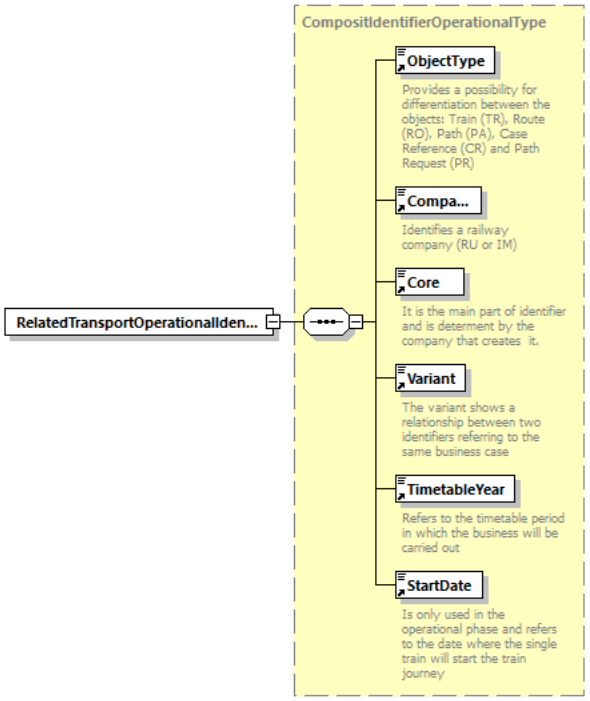
element **RelatedSenderReference**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="RelatedSenderReference" type="FreeText">`
	`  <xs:annotation>`
	`  <xs:documentation>Sender reference given by the Sender</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RelatedTransportOperationalIdentifiers**

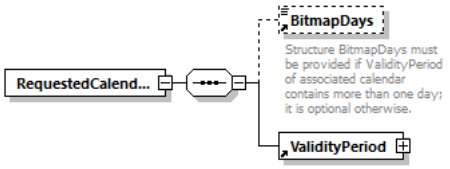
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompositIdentifierOperationalType**
properties	content complex
children	**ObjectType Company Core Variant TimetableYear StartDate**
used by	element **TrainOperationalIdentification**
source	`<xs:element name="RelatedTransportOperationalIdentifiers" type="CompositIdentifierOperationalType"/>`

element **Remarks**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
used by	elements **DelayCauseTime** **InterruptionPoint** **ReceiptConfirmationMessage** **TrainJourneyModificationMessage**
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Free Form Text

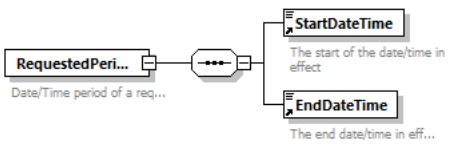
source	`<xs:element name="Remarks" type="FreeText">`
	`  <xs:annotation>`
	`  <xs:documentation>Free Form Text</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RequestedCalendar**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**BitmapDays** **ValidityPeriod**
used by	element **PathInformation**

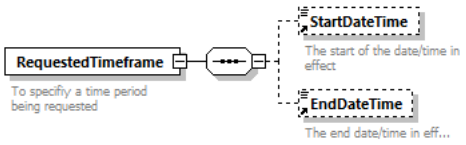
source	`<xs:element name="RequestedCalendar">`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="BitmapDays" minOccurs="0"/>`
	`  <xs:element ref="ValidityPeriod"/>`
	`  </xs:sequence>`
	`  </xs:complexType>`
	`</xs:element>`

element **RequestedPeriod**

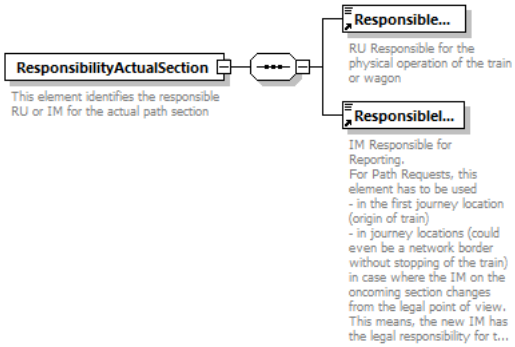
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

properties	content complex
children	**StartDateTime** **EndDateTime**
annotation	documentation Date/Time period of a request
source	<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>

element **RequestedTimeframe**

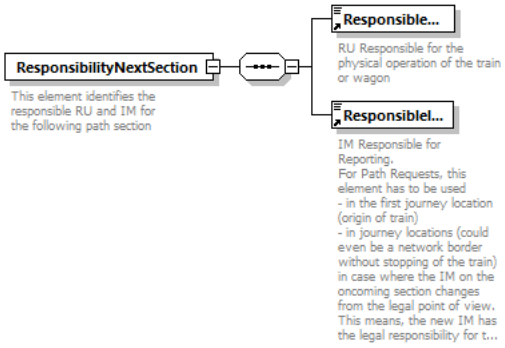
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**StartDateTime** **EndDateTime**
annotation	documentation To specifiy a time period being requested
source	<xs:element name="RequestedTimeframe"> <xs:annotation> <xs:documentation>To specifiy a time period 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>

element **ResponsibilityActualSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**ResponsibleRU** **ResponsibleIM**
used by	element **JourneySection**
annotation	documentation This element identifies the responsible RU or IM for the actual path section

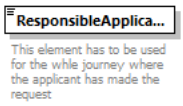
source	`<xs:element name="ResponsibilityActualSection">`
	`<xs:annotation>`
	`<xs:documentation>This element identifies the responsible RU or IM for the actual path section</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="ResponsibleRU"/>`
	`<xs:element ref="ResponsibleIM"/>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

element **ResponsibilityNextSection**

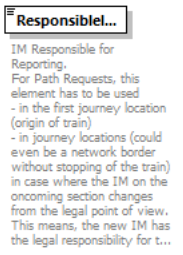
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**ResponsibleRU** **ResponsibleIM**
used by	element **JourneySection**

annotation	documentation This element identifies the responsible RU and IM for the following path section
source	<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>

element **ResponsibleApplicant**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **CompanyCode**
properties	content simple
used by	element **PlannedJourneyLocation**
facets	Kind / Value / Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation This element has to be used for the whle journey where the applicant has made the request
source	<xs:element name="ResponsibleApplicant"> <xs:annotation> <xs:documentation>This element has to be used for the whle journey where the applicant has made the request</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="CompanyCode"/> </xs:simpleType> </xs:element>

element **ResponsibleIM**

diagram	

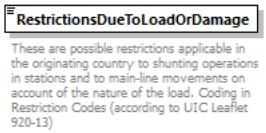
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	elements **LocationPrimaryInformation** **PlannedJourneyLocation** **ResponsibilityActualSection** **ResponsibilityNextSection**
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) in case where the IM on the oncoming section changes from the legal point of view. This means, the new IM has the legal responsibility for the oncoming section.
source	<xs:element name="ResponsibleIM" type="CompanyCode"> <xs:annotation> <xs:documentation>IM Responsible for Reporting. For Path Requests, this element has to be used - in the first journey location (origin of train) - in journey locations (could even be a network border without stopping of the train) 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. </xs:documentation> </xs:annotation> </xs:element>

element **ResponsibleRU**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	elements **ExceptionPoint** **PlannedJourneyLocation** **ResponsibilityActualSection** **ResponsibilityNextSection** **TrainDelayCauseMessage** **TrainReadyMessage** **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 or wagon</xs:documentation> </xs:annotation>

	</xs:element>

element **RestrictionsDueToLoadOrDamage**

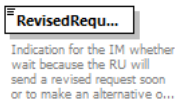
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**RestrictionCodes**
properties	content simple
used by	element **WagonOperationalData**

facets

Kind	Value	Annotation
enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
enumeration	08	documentation F - Tank wagon loaded with liquid
enumeration	09	documentation F - Wagon loaded with people
enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres
enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
enumeration	15	documentation F - Wagon not allowed over the hump
enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
enumeration	18	documentation F - Must not use active braking equipment
enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
enumeration	31	documentation P (+F) - Braking system fault
enumeration	32	documentation P (+F) - Wheelset, bogie fault
enumeration	33	documentation P (+F) - Headlighting or back lighting fault
enumeration	34	documentation P (+F) - Front glass broken
enumeration	35	documentation P (+F) - Horn fault
enumeration	36	documentation P (+F) - Radio fault
enumeration	37	documentation P (+F) - Energy supply fault
enumeration	38	documentation P (+F) - Traction or motor fault
enumeration	39	documentation P - Access door fault
enumeration	41	documentation F - Place this wagon at the front of the train
enumeration	42	documentation

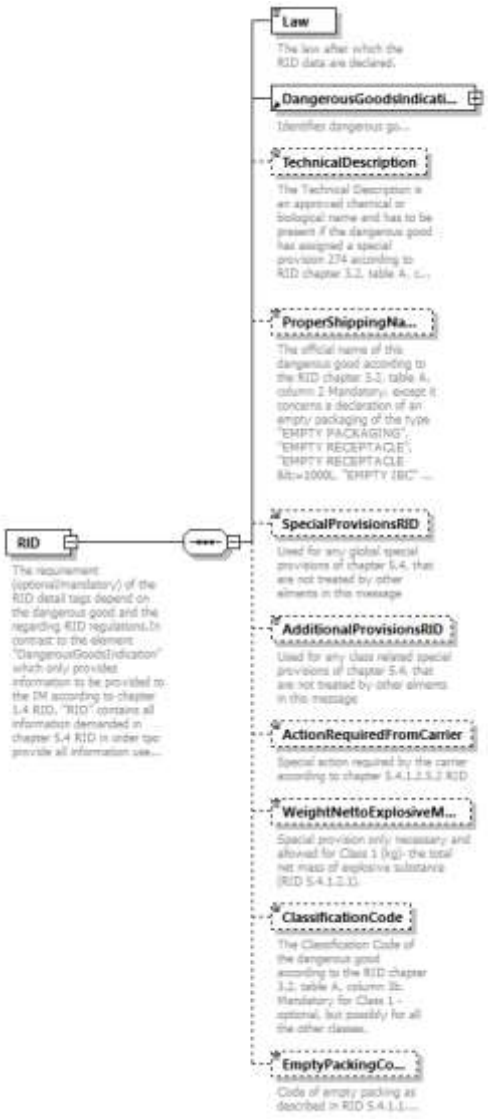
	enumeration 50 — F - Place this wagon at the rear of the train documentation P (+F) - Speed restriction enumeration 52 — documentation P (+F) - Diesel locomotive instead of electric locomotive enumeration 61 — documentation F - Wagon forming part of a consignment of several wagons enumeration 62 — documentation F - Wagon forming part of a group of wagons from which it must not be separated enumeration 63 — documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one enumeration 68 — documentation F - First or last wagon of a wagon group from which it must not be separated enumeration 70 — documentation F - Shunt with care (1 red triangle) enumeration 71 — documentation F - Shunt with special care (2 red triangle) enumeration 90 — documentation P - Train planned with passengers operated without passengers enumeration 91 — documentation P - Train planned without passengers operated with passengers enumeration 92 — documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine) enumeration 94 — documentation F - Gas carrying wagon without orange side stripe enumeration 99 — documentation P - Other
annotation	documentation 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	<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>

element **RevisedRequest**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>
```

element **RID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Law** **DangerousGoodsIndication** **TechnicalDescription** **ProperShippingName** **SpecialProvisionsRID** **AdditionalProvisionsRID** **ActionRequiredFromCarrier** **WeightNettoExplosiveMass** **ClassificationCode** **EmptyPackingCode**
used by	element **Goods**
annotation	documentation The requirement (optional/mandatory) of the RID detail tags depend on the dangerous good and the regarding RID regulations.In contrast to the element "DangerousGoodsIndication" which only provides information to be provided

	to the IM according to chapter 1.4 RID, "RID" contains all information demanded in chapter 5.4 RID in order tpo provide all information used for RUs
source	<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 tpo 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 <=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 5.4, that are not treated by other elments in this
message</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="AdditionalProvisionsRID" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Used for any class related special provisions of
chapter 5.4, that are not treated by other elments in this
message</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ActionRequiredFromCarrier" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Special action required by the carrier according
to chapter 5.4.1.2.5.2 RID</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="350"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <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>
      <xs:element name="ClassificationCode" minOccurs="0">
        <xs:annotation>
          <xs:documentation>The Classification Code of the dangerous good
according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1
- optional, but possibly for all the other classes.</xs:documentation>
          <xs:documentation>CODE: OTIF RID-Specification</xs:documentation>
```

```
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="4">
              <xs:annotation>
                <xs:documentation>present only with class
1</xs:documentation>
              </xs:annotation>
            </xs:maxLength>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element 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>
```

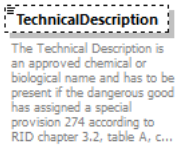
```
            <xs:enumeration value="08">
              <xs:annotation>
                <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="09">
              <xs:annotation>
                <xs:documentation>EMPTY 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>
  </xs:complexType>
</xs:element>
```

element **RID/Law**

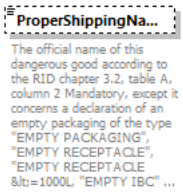
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
facets	Kind Value Annotation enumeration 2013 enumeration 2015 enumeration 2017 enumeration 2019
annotation	documentation The law after which the RID data are declared.
source	<xs:element name="Law"> <xs:annotation> <xs:documentation>The law after which the RID data are 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>

element **RID/TechnicalDescription**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1

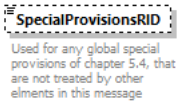
	maxLength 350
annotation	documentation The Technical Description is an approved chemical or biological name and has to be present if the dangerous good has assigned a special provision 274 according to RID chapter 3.2, table A, column 6.
source	<xs:element name="TechnicalDescription" minOccurs="0"> <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>

element **RID/ProperShippingName**

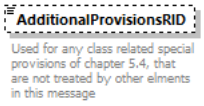
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation The official name of this dangerous good according to the RID chapter 3.2, table A, column 2 Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY RECEPTACLE <=1000L, "EMPTY IBC" or "EMPTY LARGE PACKAGING"
source	<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 <=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>

element **RID/SpecialProvisionsRID**

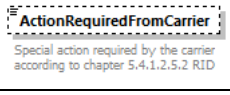
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any global special provisions of chapter 5.4, that are not treated by other elments in this message
source	<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 elments in this message</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element>

element **RID/AdditionalProvisionsRID**

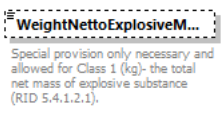
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Used for any class related special provisions of chapter 5.4, that are not treated by other elments in this message
source	<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 elments in this message</xs:documentation>

```
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="350"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **RID/ActionRequiredFromCarrier**

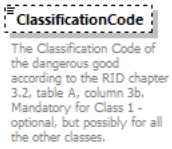
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 350
annotation	documentation Special action required by the carrier according to chapter 5.4.1.2.5.2 RID
source	<xs:element name="ActionRequiredFromCarrier" minOccurs="0"> <xs:annotation> <xs:documentation>Special action required by the carrier according to chapter 5.4.1.2.5.2 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="350"/> </xs:restriction> </xs:simpleType> </xs:element>

element **RID/WeightNettoExplosiveMass**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

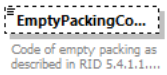
element **RID/ClassificationCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ClassificationCode" minOccurs="0"> <xs:annotation> <xs:documentation>The Classification Code of the dangerous good according to the RID chapter 3.2, table A, column 3b. Mandatory for Class 1 - optional, but possibly for all the other classes.</xs:documentation> <xs:documentation>CODE: OTIF RID-Specification</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"> <xs:annotation> <xs:documentation>present only with class 1</xs:documentation> </xs:annotation> </xs:maxLength> </xs:restriction>

```
  </xs:simpleType>
</xs:element>
```

element **RID/EmptyPackingCode**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

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

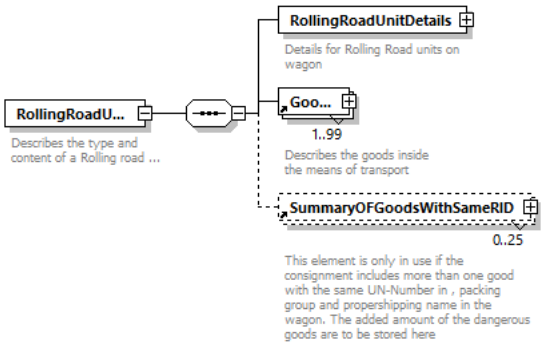
```
<xs:element name="EmptyPackingCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Code of empty packing as described in RID
5.4.1.1.6.2</xs:documentation>
```

```
    <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: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>
```

element **RollingRoadUnit**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**RollingRoadUnitDetails** **Goods** **SummaryOFGoodsWithSameRID**
used by	element **Wagons**
annotation	documentation Describes the type and content of a Rolling road unit

source

```
<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: <br/> - Consignee</xs:documentation>
                <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
                <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="3"/>
                  <xs:enumeration value="HGZ">
                    <xs:annotation>
                      <xs:documentation>articulated lorry</xs:documentation>
                    </xs:annotation>
                  </xs:enumeration>
                  <xs:enumeration value="SAL">
                    <xs:annotation>
                      <xs:documentation>semi-trailer</xs:documentation>
                    </xs:annotation>
                  </xs:enumeration>
                  <xs:enumeration value="MW">
                    <xs:annotation>
                      <xs:documentation>motor vehicle</xs:documentation>
                    </xs:annotation>
                  </xs:enumeration>
                  <xs:enumeration value="ANH">
                    <xs:annotation>
```

```
                        <xs:documentation>trailer</xs:documentation>
                      </xs:annotation>
                    </xs:enumeration>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
                <xs:annotation>
                  <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="NumberPlate">
                      <xs:annotation>
                        <xs:documentation>Number plate of the
vehicle.</xs:documentation>
                        <xs:documentation>READ: <br/> -
Consignee</xs:documentation>
                        <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
                        <xs:documentation>AMEND: <br/> - Contractual carrier
<br/> - Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
                      </xs:annotation>
                      <xs:simpleType>
                        <xs:restriction base="xs:string">
                          <xs:maxLength value="10"/>
                          <xs:minLength value="1"/>
                        </xs:restriction>
                      </xs:simpleType>
                    </xs:element>
                    <xs:element ref="CountryCodeISO"/>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element name="TareWeightVehicle" type="WeightValueKilo">
                <xs:annotation>
                  <xs:documentation>Total weight [kg] of vehicle (truck and
trailer).</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element name="Haulier" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Information concerning the
haulier.</xs:documentation>
                </xs:annotation>
                <xs:complexType>
                  <xs:sequence>
                    <xs:element ref="Name">
                      <xs:annotation>
                        <xs:documentation>Name of haulier.</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element ref="CountryCodeISO"/>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
```

```
            <xs:element name="Attendants" minOccurs="0" maxOccurs="2">
              <xs:annotation>
                <xs:documentation>Attendants during the
transport.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="LastName">
                    <xs:annotation>
                      <xs:documentation>Last name of
attendant.</xs:documentation>
                      <xs: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>
      <xs:element ref="Goods" maxOccurs="99">
        <xs:annotation/>
      </xs:element>
      <xs:element ref="SummaryOFGoodsWithSameRID" minOccurs="0"
maxOccurs="25"/>
    </xs:sequence>
  </xs:complexType>
```

	</xs:element>

element **RollingRoadUnit/RollingRoadUnitDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LoadingStatus** **RollingRoadUnitType** **Vehicles** **TareWeightVehicle** **Haulier** **Attendants**
annotation	documentation Details for Rolling Road units on wagon
source	`<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>`

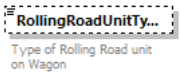
```
            </xs:enumeration>
            <xs:enumeration value="SAL">
              <xs:annotation>
                <xs:documentation>semi-trailer</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="MW">
              <xs:annotation>
                <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:element>
      <xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
        <xs:annotation>
          <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="NumberPlate">
              <xs:annotation>
                <xs:documentation>Number plate of the
vehicle.</xs:documentation>
                <xs:documentation>READ: <br/> - Consignee</xs:documentation>
                <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
                <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="10"/>
                  <xs:minLength value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="CountryCodeISO"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="TareWeightVehicle" type="WeightValueKilo">
        <xs:annotation>
          <xs:documentation>Total weight [kg] of vehicle (truck and
trailer).</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Haulier" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Information concerning the
haulier.</xs:documentation>
```

```
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="Name">
              <xs:annotation>
                <xs:documentation>Name of haulier.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="CountryCodeISO"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="Attendants" minOccurs="0" maxOccurs="2">
        <xs:annotation>
          <xs:documentation>Attendants during the
transport.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="LastName">
              <xs:annotation>
                <xs:documentation>Last name of attendant.</xs:documentation>
                <xs:documentation>READ: <br/> - Consignee</xs:documentation>
                <xs:documentation>WRITE: <br/> -
Consignor</xs:documentation>
                <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier <br/> (With the agreement of the
consignor)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:minLength value="1"/>
                  <xs:maxLength value="25"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="FirstName" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Optional first name of the
attendant.</xs:documentation>
                <xs: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/3.3

type: restriction of **xs:string**

properties:

minOcc	0
maxOcc	1
content	simple
default	HGZ

facets:

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:

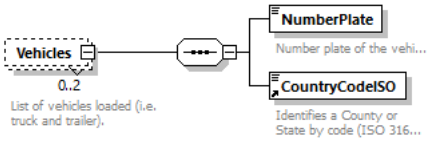
documentation
Type of Rolling Road unit on Wagon
documentation
CODE:
documentation
READ:
 - Consignee
documentation
WRITE:
 - Consignor
documentation
AMEND:
 - Contractual carrier
 - Successive carrier
 (With the agreement of the consignor)

source

```
<xs:element name="RollingRoadUnitType" default="HGZ" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation>
    <xs:documentation>CODE:</xs:documentation>
    <xs:documentation>READ: <br/> - Consignee</xs:documentation>
    <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
    <xs:documentation>AMEND: <br/> - Contractual carrier <br/> - Successive
carrier<br/> (With the agreement of the consignor)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="3"/>
      <xs:enumeration value="HGZ">
        <xs:annotation>
          <xs:documentation>articulated lorry</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="SAL">
        <xs:annotation>
          <xs:documentation>semi-trailer</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="MW">
        <xs:annotation>
          <xs:documentation>motor vehicle</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ANH">
        <xs:annotation>
          <xs:documentation>trailer</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

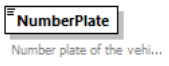
element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 2 content complex
children	**NumberPlate CountryCodeISO**
annotation	documentation List of vehicles loaded (i.e. truck and trailer).
source	

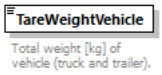
```
<xs:element name="Vehicles" minOccurs="0" maxOccurs="2">
  <xs:annotation>
    <xs:documentation>List of vehicles loaded (i.e. truck and
trailer).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="NumberPlate">
        <xs:annotation>
          <xs:documentation>Number plate of the vehicle.</xs:documentation>
          <xs:documentation>READ: <br/> - Consignee</xs:documentation>
          <xs:documentation>WRITE: <br/> - Consignor</xs:documentation>
          <xs:documentation>AMEND: <br/> - Contractual carrier <br/> -
Successive carrier<br/> (With the agreement of the
consignor)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="10"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="CountryCodeISO"/>
    </xs:sequence>
```

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

element **RollingRoadUnit/RollingRoadUnitDetails/Vehicles/NumberPlate**

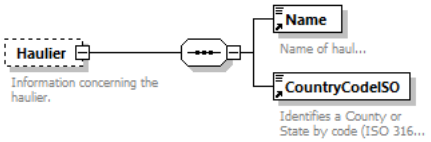
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 10
annotation	documentation Number plate of the vehicle. documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)
source	<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>

element **RollingRoadUnit/RollingRoadUnitDetails/TareWeightVehicle**

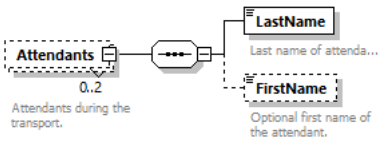
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueKilo**
properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation Total weight [kg] of vehicle (truck and trailer).

source	<xs:element name="TareWeightVehicle" type="WeightValueKilo"> <xs:annotation> <xs:documentation>Total weight [kg] of vehicle (truck and trailer).</xs:documentation> </xs:annotation> </xs:element>

element **RollingRoadUnit/RollingRoadUnitDetails/Haulier**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**Name CountryCodeISO**
annotation	documentation Information concerning the haulier.
source	<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>

element **RollingRoadUnit/RollingRoadUnitDetails/Attendants**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 2 content complex
children	**LastName FirstName**
annotation	documentation Attendants during the transport.
source	<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>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 25
annotation	documentation Last name of attendant.

	documentation READ: - Consignee documentation WRITE: - Consignor documentation AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)
source	<xs:element name="LastName"> <xs:annotation> <xs:documentation>Last name of attendant.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="25"/> </xs:restriction> </xs:simpleType> </xs:element>

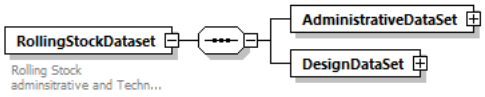
element **RollingRoadUnit/RollingRoadUnitDetails/Attendants/FirstName**

diagram	FirstName Optional first name of the attendant.
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 15
annotation	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)
source	<xs:element name="FirstName" minOccurs="0"> <xs:annotation> <xs:documentation>Optional first name of the attendant.</xs:documentation> <xs:documentation>READ: - Consignee</xs:documentation> <xs:documentation>WRITE: - Consignor</xs:documentation> <xs:documentation>AMEND: - Contractual carrier - Successive carrier (With the agreement of the consignor)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/>

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

element **RollingStockDataset**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

children: **AdministrativeDataSet** **DesignDataSet**

used by: elements **RollingStockDatasetMessage** **WIMO_Dataset**

annotation: documentation
Rolling Stock adminsitrative and Technical Dataset

source

```
<xs:element name="RollingStockDataset">
  <xs:annotation>
    <xs:documentation>Rolling Stock adminsitrative 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
(special case)</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="SuspensionOfAuthorisation" type="xs:boolean">
              <xs:annotation>
```

```
                <xs:documentation>Information if authorisation has been
suspended by the authority</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="DateSuspensionOfAuthorisation" type="xs:date"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Date of the suspension of authorisation;
must be provided in case of suspension</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="MultilateralAuthorisationCountries"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation> ISO country code of countries where the
wagon is authorised (applies only in case of limited interoperability);
first entry indicates the initial authorisation country</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ChannelTunnelPermitted" type="xs:boolean"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="KeeperShortNameVKM">
              <xs:annotation>
                <xs:documentation>Vehicle Keeper Marking of the wagon keeper
as listed in VKM register (http://www.era.europa.eu/Document-
Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ECM">
              <xs:annotation>
                <xs:documentation> Full name of the assigned Entity in
Charge of Maintenance</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="PlannedChangeOfECM" minOccurs="0">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="CurrentECMAssignedUntil" type="xs:date">
```

```
                    <xs:annotation>
                      <xs:documentation> Date until the current Entity in
Charge of Maintenance is assigned to the wagon</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="SubsequentECM">
                    <xs:annotation>
                      <xs:documentation> Full name of the following Entity
in Charge of Maintenance</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="ECMCertificate">
              <xs:annotation>
                <xs:documentation>ECM certificate
information</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="EINNumber">
                    <xs:annotation>
                      <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:sequence>
                        <xs:element ref="CountryCodeISO"/>
                        <xs:element name="TypeDocumentEIN" type="Numeric2-
2">
                          <xs:annotation>
                            <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
                          </xs:annotation>
                        </xs:element>
                        <xs:element name="CounterAcreditedRecognizedBody"
type="Numeric2-2"/>
                        <xs:element name="EINYear" type="Numeric2-2"/>
                        <xs:element name="EINCounter">
                          <xs:simpleType>
                            <xs:restriction base="xs:integer">
                              <xs:minInclusive value="0"/>
                              <xs:maxInclusive value="9999"/>
                            </xs:restriction>
                          </xs:simpleType>
                        </xs:element>
                      </xs:sequence>
                    </xs:complexType>
                  </xs:element>
                  <xs:element name="ECMCertificateValidFrom" type="xs:date">
                    <xs:annotation>
```

```
                        <xs:documentation>Certificate valid from
date</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="ECMCertificateValidTo" type="xs:date">
                      <xs:annotation>
                        <xs:documentation>Certificate valid to
date</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
                      <xs:annotation>
                        <xs:documentation>Certificate covers tank wagons for
dangerous goods</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
                      <xs:annotation>
                        <xs:documentation>Certificate covers other wagons
specialised in transport of dangerous goods</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="ECMCertificateSuspended"
type="xs:boolean">
                      <xs:annotation>
                        <xs:documentation>Identification if certificate has
been suspended for any reason</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                    <xs:element name="DateECMCertificateSuspended"
type="xs:date" minOccurs="0">
                      <xs:annotation>
                        <xs:documentation>Date of the suspension of the ECM
certificate; must be provided in case of suspension</xs:documentation>
                      </xs:annotation>
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element ref="InteropCapability">
                <xs:annotation>
                  <xs:documentation>Identification of the general
interoperability capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

03 = RIV
05 = TEN

06 = TEN-GE

07 = TEN-CW
```

```
08 = TEN RIV</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="GCUWagon" type="xs:boolean">
              <xs:annotation>
                <xs:documentation>Indication if wagon is operated under the
GCU contract</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="DesignDataSet">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="LetterMarking">
              <xs:annotation>
                <xs:documentation>Complete wagon category letter code. The
Identification marking for freight rolling stock (wagon type) is defined in
UIC Leaflet 438-2</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="20"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="TankCode" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Tank code (applies only for tank wagons).
The codes are defined in the RID regulation, chapter 4.3.3 and
4.3.4.1.1</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="20"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="WagonNumberOfAxles"/>
            <xs:element name="WheelSetType" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Type name of the wheel sets, and the name
of the type depends on the manufacturer.</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="WheelDiameter" minOccurs="0"/>
            <xs:element ref="WheelsetGauge" minOccurs="0"
maxOccurs="unbounded"/>
            <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/>
            <xs:element ref="NumberOfBogies" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Number of bogies for a wagon (applies for
```

```
bogie wagons only)</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="BogiePitch" minOccurs="0"/>
            <xs:element name="BogiePivotPitch" type="Numeric1-5"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Largest distance between two adjacent
bogie pitches in mm</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="InnerWheelbase" type="Numeric1-5">
              <xs:annotation>
                <xs:documentation>Maximum distance between two adjacent
axles in mm</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="CouplingType" minOccurs="0"/>
            <xs:element name="BufferType" minOccurs="0">
              <xs:annotation>
                <xs:documentation> Classification of buffer. The following
values are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150),
L2 (130), L2 (150), L4 (130), L4 (150)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="NormalLoadingGauge" minOccurs="0"/>
            <xs:element ref="MinCurveRadius">
              <xs:annotation>
                <xs:documentation> Minimum allowed curve radius due to
design characteristics, measured in meters</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
            <xs:element ref="WagonWeightEmpty">
              <xs:annotation>
                <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="LengthOverBuffers"/>
            <xs:element ref="MaxAxleWeight"/>
            <xs:element name="LoadTable" minOccurs="0"
maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>Indicates the load tables marked on the
wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons  and
additional/country specific) can be specified by providing the element
several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no
load table need to be provided.
```

```
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="LoadTableProduct" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Product description, only applies
for product-specific load tables</xs:documentation>
                    </xs:annotation>
                    <xs:complexType>
                      <xs:sequence>
                        <xs:element name="ProductUNCode" type="Numeric4-4">
                          <xs:annotation>
                            <xs:documentation>UN code of product if product
specific load table</xs:documentation>
                          </xs:annotation>
                        </xs:element>
                        <xs:element name="ProductRIDName">
                          <xs:annotation>
                            <xs:documentation> RID product name as written
on the folding panel</xs:documentation>
                          </xs:annotation>
                          <xs:simpleType>
                            <xs:restriction base="xs:string">
                              <xs:maxLength value="256"/>
                            </xs:restriction>
                          </xs:simpleType>
                        </xs:element>
                      </xs:sequence>
                    </xs:complexType>
                  </xs:element>
                  <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
                    <xs:annotation>
                      <xs:documentation>ISO country code of countries for
additional load tables</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
                    <xs:annotation>
                      <xs:documentation>Numeric speed in load table, without
speed empty in km/h</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element ref="LoadTableStars" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Number of load table stars.
Currently recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
 </xs:documentation>
```

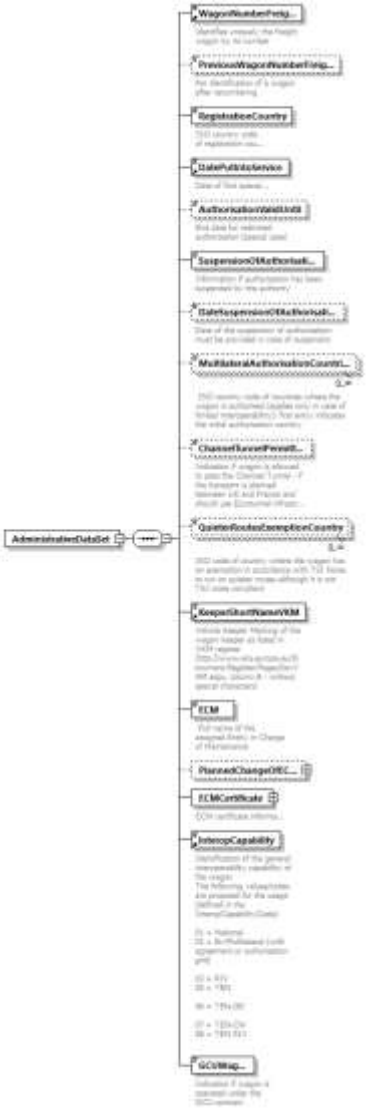
```
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="RouteClassPayloads"
maxOccurs="unbounded">
                    <xs:complexType>
                      <xs:sequence>
                        <xs:element ref="RouteClass"/>
                        <xs:element name="MaxPayload" maxOccurs="unbounded">
                          <xs:annotation>
                            <xs:documentation>Maximum payload in tonns of
line category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
                          </xs:annotation>
                          <xs:simpleType>
                            <xs:restriction base="xs:decimal">
                              <xs:totalDigits value="4"/>
                              <xs:fractionDigits value="1"/>
                            </xs:restriction>
                          </xs:simpleType>
                        </xs:element>
                      </xs:sequence>
                    </xs:complexType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element ref="MaxDesignSpeed"/>
            <xs:element ref="AirBrake"/>
            <xs:element ref="HandBrake">
              <xs:annotation>
                <xs:documentation>Characteristics of hand
brake</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
            <xs:element name="BrakeBlock" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Characteristics of brake
blocks</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="BrakeBlockName" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Name of the brake block type,
including the length in mm</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                  <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation> Indication if composite brake
```

```
blocks are retrofitted or originally equipped</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
                    <xs:annotation>
                      <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
              <xs:annotation>
                <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="MaxLengthOfLoad" minOccurs="0">
              <xs:annotation>
                <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="LoadArea" minOccurs="0"/>
            <xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Height of the loading plane when wagon is
empty measured in mm</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
              <xs:complexType>
                <xs:sequence>
                  <xs:element ref="TypeOfRemovableAccessories">
                    <xs:annotation>
                      <xs:documentation>Specification of removable
accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
```

```
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
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>
            <xs:element ref="LoadingCapacity" minOccurs="0"/>
            <xs:element ref="MaxGrossWeight">
              <xs:annotation>
                <xs:documentation>Weight of max Gross Load Weight  plus the
tare weight of the equipment in kg</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="VapourReturnSystem" type="xs:boolean"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Indication if tank wagon is equipped with
a vapour return system</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="FerryPermittedFlag" minOccurs="0">
              <xs:annotation>
                <xs:documentation> Indication if wagon is permitted to be
used on ferries</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="FerryRampAngle" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Maximum allowed angle of the ferry ramp
(in grades: °)</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:totalDigits value="3"/>
```

```
                    <xs:fractionDigits value="2"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="TemperatureRange" minOccurs="0">
                <xs:complexType>
                  <xs:sequence>
                    <xs:annotation>
                      <xs:documentation>Temperature Range</xs:documentation>
                    </xs:annotation>
                    <xs:element ref="MaxTemp"/>
                    <xs:element ref="MinTemp"/>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0"
maxOccurs="unbounded">
                <xs:annotation>
                  <xs:documentation>Restrictions relevant to wagon operations
in train formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType,
according to 920-13: annotation will carry the information that only
thechnical parameters are allowed to be used here. Only the code numbers
should be in the annotation</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element ref="DateLastOverhaul">
                <xs:annotation>
                  <xs:documentation>Date of the last overhaul, if yet no
overhaul date of putting into service</xs:documentation>
                </xs:annotation>
              </xs:element>
              <xs:element ref="OverhaulValidityPeriod"/>
              <xs:element ref="PermittedTolerance"/>
              <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/>
              <xs:element name="DateOfNextTankInspection" type="xs:date"
minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Date of the next tank inspection, applies
only for tank wagons</xs:documentation>
                </xs:annotation>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
</xs:element>
```

element **RollingStockDataset/AdministrativeDataSet**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**WagonNumberFreight PreviousWagonNumberFreight RegistrationCountry DatePutIntoService AuthorisationValidUntil SuspensionOfAuthorisation DateSuspensionOfAuthorisation MultilateralAuthorisationCountries ChannelTunnelPermitted QuieterRoutesExemptionCountry KeeperShortNameVKM ECM PlannedChangeOfECM ECMCertificate InteropCapability GCUWagon**
source	<xs:element name="AdministrativeDataSet"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0"> <xs:annotation> <xs:documentation>For identification of a wagon after renumbering</xs:documentation> </xs:annotation> </xs:element> <xs:element name="RegistrationCountry" type="CountryIdentISO">

```
        <xs:annotation>
          <xs:documentation>ISO country code of registration
country</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DatePutIntoService">
        <xs:annotation>
          <xs:documentation>Date of first operation</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="AuthorisationValidUntil" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>End date for restricted authorisation (special
case)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SuspensionOfAuthorisation" type="xs:boolean">
        <xs:annotation>
          <xs:documentation>Information if authorisation has been suspended
by the authority</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="DateSuspensionOfAuthorisation" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date of the suspension of authorisation; must be
provided in case of suspension</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="MultilateralAuthorisationCountries"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation> ISO country code of countries where the wagon
is authorised (applies only in case of limited interoperability); first
entry indicates the initial authorisation country</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ChannelTunnelPermitted" type="xs:boolean"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Indication if wagon is allowed to pass the
Channel Tunnel - if the transport is planned between UK and France and
should use Eurotunnel infrastructure.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="QuieterRoutesExemptionCountry"
type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>ISO code of country where the wagon has an
exemption in accordance with TSI Noise to run on quieter routes although it
is not TSI noise compliant</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="KeeperShortNameVKM">
        <xs:annotation>
          <xs:documentation>Vehicle Keeper Marking of the wagon keeper as
listed in VKM register (http://www.era.europa.eu/Document-
```

```
Register/Pages/list-VKM.aspx, column B - without special
characters)</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ECM">
        <xs:annotation>
          <xs:documentation> Full name of the assigned Entity in Charge of
Maintenance</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="PlannedChangeOfECM" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="CurrentECMAssignedUntil" type="xs:date">
              <xs:annotation>
                <xs:documentation> Date until the current Entity in Charge
of Maintenance is assigned to the wagon</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="SubsequentECM">
              <xs:annotation>
                <xs:documentation> Full name of the following Entity in
Charge of Maintenance</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="ECMCertificate">
        <xs:annotation>
          <xs:documentation>ECM certificate information</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="EINNumber">
              <xs:annotation>
                <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element ref="CountryCodeISO"/>
                  <xs:element name="TypeDocumentEIN" type="Numeric2-2">
                    <xs:annotation>
                      <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
                    </xs:annotation>
```

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

```
        <xs:annotation>
          <xs:documentation>Identification of the general interoperability
capability of the wagon
The following values/codes are proposed for the usage (defined in the
InteropCapabilityCode):

01 = National
02 = Bi-/Multilateral (with agreement or authorisation grid)

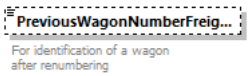
03 = RIV
05 = TEN

06 = TEN-GE

07 = TEN-CW

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

element **RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WagonIdent**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
annotation	documentation For identification of a wagon after renumbering

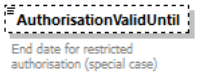
source	`<xs:element name="PreviousWagonNumberFreight" type="WagonIdent" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>For identification of a wagon after renumbering</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/AdministrativeDataSet/RegistrationCountry**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CountryIdentISO**
properties	content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO country code of registration country

source	`<xs:element name="RegistrationCountry" type="CountryIdentISO">`
	`  <xs:annotation>`
	`  <xs:documentation>ISO country code of registration country</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/AdministrativeDataSet/AuthorisationValidUntil**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation End date for restricted authorisation (special case)

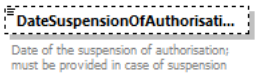
source	`<xs:element name="AuthorisationValidUntil" type="xs:date" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>End date for restricted authorisation (special case)</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/AdministrativeDataSet/SuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
annotation	documentation Information if authorisation has been suspended by the authority
source	`<xs:element name="SuspensionOfAuthorisation" type="xs:boolean">`

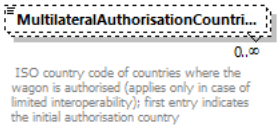
```
  <xs:annotation>
    <xs:documentation>Information if authorisation has been suspended by the
authority</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **RollingStockDataset/AdministrativeDataSet/DateSuspensionOfAuthorisation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **RollingStockDataset/AdministrativeDataSet/MultilateralAuthorisationCountries**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

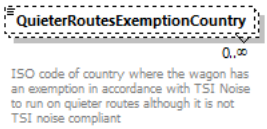
source	`<xs:element name="MultilateralAuthorisationCountries" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">`
	`  <xs:annotation>`
	`  <xs:documentation> ISO country code of countries where the wagon is authorised (applies only in case of limited interoperability); first entry indicates the initial authorisation country</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/AdministrativeDataSet/ChannelTunnelPermitted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **RollingStockDataset/AdministrativeDataSet/QuieterRoutesExemptionCountry**

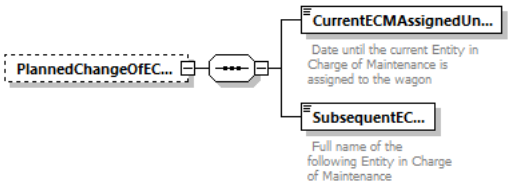
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CountryIdentISO**
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation ISO code of country where the wagon has an exemption in accordance with TSI Noise to run on quieter routes although it is not TSI noise compliant

source	`<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>`

element **RollingStockDataset/AdministrativeDataSet/ECM**

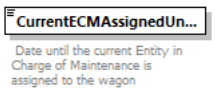
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Full name of the assigned Entity in Charge of Maintenance
source	<xs:element name="ECM"> <xs:annotation> <xs:documentation> Full name of the assigned Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element>

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**CurrentECMAssignedUntil** **SubsequentECM**
source	<xs:element name="PlannedChangeOfECM" minOccurs="0"> <xs:complexType> <xs:sequence> <xs:element name="CurrentECMAssignedUntil" type="xs:date"> <xs:annotation> <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation> </xs:annotation> </xs:element> <xs:element name="SubsequentECM"> <xs:annotation> <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string">

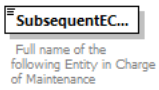
```
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/CurrentECMAssignedUntil**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
annotation	documentation Date until the current Entity in Charge of Maintenance is assigned to the wagon

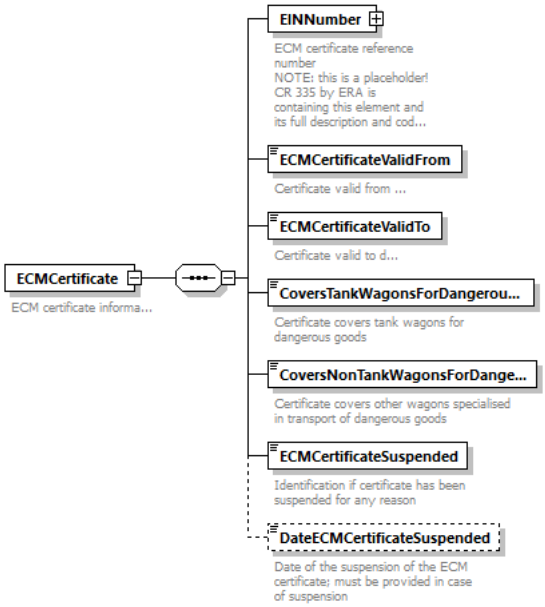
source	`<xs:element name="CurrentECMAssignedUntil" type="xs:date">`
	`  <xs:annotation>`
	`  <xs:documentation> Date until the current Entity in Charge of Maintenance is assigned to the wagon</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/AdministrativeDataSet/PlannedChangeOfECM/SubsequentECM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="SubsequentECM">`
	`  <xs:annotation>`
	`  <xs:documentation> Full name of the following Entity in Charge of Maintenance</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:maxLength value="256"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate**

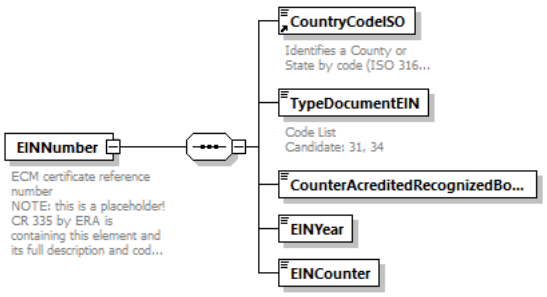
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	EINNumber ECMCertificateValidFrom ECMCertificateValidTo CoversTankWagonsForDangerousGoods CoversNonTankWagonsForDangerousGoods ECMCertificateSuspended DateECMCertificateSuspended
annotation	documentation ECM certificate information

source

```
<xs:element name="ECMCertificate">
  <xs:annotation>
    <xs:documentation>ECM certificate information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="EINNumber">
        <xs:annotation>
          <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="CountryCodeISO"/>
            <xs:element name="TypeDocumentEIN" type="Numeric2-2">
              <xs:annotation>
                <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CounterAcreditedRecognizedBody"
type="Numeric2-2"/>
            <xs:element name="EINYear" type="Numeric2-2"/>
            <xs:element name="EINCounter">
              <xs:simpleType>
                <xs:restriction base="xs:integer">
                  <xs:minInclusive value="0"/>
```

```
                    <xs:maxInclusive value="9999"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="ECMCertificateValidFrom" type="xs:date">
          <xs:annotation>
            <xs:documentation>Certificate valid from date</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="ECMCertificateValidTo" type="xs:date">
          <xs:annotation>
            <xs:documentation>Certificate valid to date</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CoversTankWagonsForDangerousGoods"
type="xs:boolean">
          <xs:annotation>
            <xs:documentation>Certificate covers tank wagons for dangerous
goods</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="CoversNonTankWagonsForDangerousGoods"
type="xs:boolean">
          <xs:annotation>
            <xs:documentation>Certificate covers other wagons specialised in
transport of dangerous goods</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="ECMCertificateSuspended" type="xs:boolean">
          <xs:annotation>
            <xs:documentation>Identification if certificate has been suspended
for any reason</xs:documentation>
          </xs:annotation>
        </xs:element>
        <xs:element name="DateECMCertificateSuspended" type="xs:date"
minOccurs="0">
          <xs:annotation>
            <xs:documentation>Date of the suspension of the ECM certificate;
must be provided in case of suspension</xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
</xs:element>
```

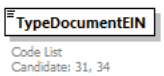
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**CountryCodeISO TypeDocumentEIN CounterAcreditedRecognizedBody EINYear EINCounter**
annotation	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.

source

```
<xs:element name="EINNumber">
  <xs:annotation>
    <xs:documentation>ECM certificate reference number
NOTE: this is a placeholder! CR 335 by ERA is containing this element and
its full description and code lists.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CountryCodeISO"/>
      <xs:element name="TypeDocumentEIN" type="Numeric2-2">
        <xs:annotation>
          <xs:documentation>Code List Candidate:
31, 34</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/>
      <xs:element name="EINYear" type="Numeric2-2"/>
      <xs:element name="EINCounter">
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="9999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric2-2**

properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Code List Candidate: 31, 34
source	<xs:element name="TypeDocumentEIN" type="Numeric2-2"> <xs:annotation> <xs:documentation>Code List Candidate: 31, 34</xs:documentation> </xs:annotation> </xs:element>

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

diagram	CounterAcreditedRecognizedBo...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric2-2**
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<xs:element name="CounterAcreditedRecognizedBody" type="Numeric2-2"/>

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

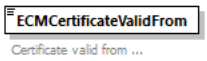
diagram	EINYear
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric2-2**
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<xs:element name="EINYear" type="Numeric2-2"/>

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

diagram	EINCounter
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**

properties	content simple
facets	Kind Value Annotation minInclusive 0 maxInclusive 9999
source	<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>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
annotation	documentation Certificate valid from date
source	<xs:element name="ECMCertificateValidFrom" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid from date</xs:documentation> </xs:annotation> </xs:element>

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
annotation	documentation Certificate valid to date
source	<xs:element name="ECMCertificateValidTo" type="xs:date"> <xs:annotation> <xs:documentation>Certificate valid to date</xs:documentation> </xs:annotation> </xs:element>

element

RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversTankWagonsForDangerousGoods

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
annotation	documentation Certificate covers tank wagons for dangerous goods

source	`<xs:element name="CoversTankWagonsForDangerousGoods" type="xs:boolean">`
	`  <xs:annotation>`
	`  <xs:documentation>Certificate covers tank wagons for dangerous goods</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/CoversNonTankWagonsForDangerousGoods**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
annotation	documentation Certificate covers other wagons specialised in transport of dangerous goods

source	`<xs:element name="CoversNonTankWagonsForDangerousGoods" type="xs:boolean">`
	`  <xs:annotation>`
	`  <xs:documentation>Certificate covers other wagons specialised in transport of dangerous goods</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

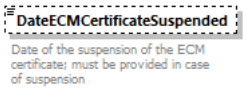
element **RollingStockDataset/AdministrativeDataSet/ECMCertificate/ECMCertificateSuspended**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
annotation	documentation Identification if certificate has been suspended for any reason

source	`<xs:element name="ECMCertificateSuspended" type="xs:boolean">`
	`  <xs:annotation>`
	`  <xs:documentation>Identification if certificate has been suspended for any reason</xs:documentation>`

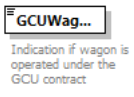
```
  </xs:annotation>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **RollingStockDataset/AdministrativeDataSet/GCUWagon**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
annotation	documentation Indication if wagon is operated under the GCU contract

source	`<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>`

element **RollingStockDataset/DesignDataSet**

diagram

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LetterMarking TankCode WagonNumberOfAxles WheelSetType WheelDiameter WheelsetGauge WheelSetTransformationMethod NumberOfBogies BogiePitch BogiePivotPitch InnerWheelbase CouplingType BufferType NormalLoadingGauge MinCurveRadius MinVerticalRadiusYardHump WagonWeightEmpty LengthOverBuffers MaxAxleWeight LoadTable MaxDesignSpeed AirBrake HandBrake DerailmentDetectionDevice BrakeBlock WagonTelematics MaxLengthOfLoad LoadArea HeightOfLoadingPlaneUnladen RemovableAccessories LoadingCapacity MaxGrossWeight VapourReturnSystem FerryPermittedFlag FerryRampAngle TemperatureRange TechnicalForwardingRestrictions DateLastOverhaul OverhaulValidityPeriod PermittedTolerance PlannedDateNextOverhaul DateOfNextTankInspection**
source	<xs:element name="DesignDataSet"> <xs:complexType> <xs:sequence> <xs:element name="LetterMarking"> <xs:annotation> <xs:documentation>Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="TankCode" minOccurs="0"> <xs:annotation> <xs:documentation>Tank code (applies only for tank wagons). The codes are defined in the RID regulation, chapter 4.3.3 and 4.3.4.1.1</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="20"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WagonNumberOfAxles"/> <xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element ref="WheelDiameter" minOccurs="0"/> <xs:element ref="WheelsetGauge" minOccurs="0" maxOccurs="unbounded"/> <xs:element ref="WheelSetTransformationMethod" minOccurs="0"/> <xs:element ref="NumberOfBogies" minOccurs="0"> <xs:annotation> <xs:documentation>Number of bogies for a wagon (applies for bogie wagons only)</xs:documentation>

```
        </xs:annotation>
      </xs:element>
      <xs:element ref="BogiePitch" minOccurs="0"/>
      <xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Largest distance between two adjacent bogie
pitches in mm</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="InnerWheelbase" type="Numeric1-5">
        <xs:annotation>
          <xs:documentation>Maximum distance between two adjacent  axles in
mm</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="CouplingType" minOccurs="0"/>
      <xs:element name="BufferType" minOccurs="0">
        <xs:annotation>
          <xs:documentation> Classification of buffer. The following values
are mostly used in the sector.: A, AX, B, C, CX, L0 (130), L0 (150), L2
(130), L2 (150), L4 (130), L4 (150)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="NormalLoadingGauge" minOccurs="0"/>
      <xs:element ref="MinCurveRadius">
        <xs:annotation>
          <xs:documentation> Minimum allowed curve radius due to design
characteristics, measured in meters</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="MinVerticalRadiusYardHump" minOccurs="0"/>
      <xs:element ref="WagonWeightEmpty">
        <xs:annotation>
          <xs:documentation>Weight of the empty wagon (tara weight) in
kg</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="LengthOverBuffers"/>
      <xs:element ref="MaxAxleWeight"/>
      <xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Indicates the load tables marked on the wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons  and
additional/country specific) can be specified by providing the element
several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no
load table need to be provided.
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
        </xs:annotation>
        <xs:complexType>
```

```
          <xs:sequence>
            <xs:element name="LoadTableProduct" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Product description, only applies for
product-specific load tables</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="ProductUNCode" type="Numeric4-4">
                    <xs:annotation>
                      <xs:documentation>UN code of product if product
specific load table</xs:documentation>
                    </xs:annotation>
                  </xs:element>
                  <xs:element name="ProductRIDName">
                    <xs:annotation>
                      <xs:documentation> RID product name as written on the
folding panel</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:maxLength value="256"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>ISO country code of countries for
additional load tables</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>Numeric speed in load table, without speed
empty in km/h</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="LoadTableStars" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Number of load table stars. Currently
recognized values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
 </xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="RouteClassPayloads" maxOccurs="unbounded">
              <xs:complexType>
```

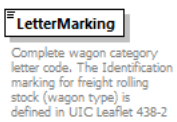
```
                <xs:sequence>
                  <xs:element ref="RouteClass"/>
                  <xs:element name="MaxPayload" maxOccurs="unbounded">
                    <xs:annotation>
                      <xs:documentation>Maximum payload in tonns of line
category; number of entries must fit to number of entries in
SpeedCategory</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:decimal">
                        <xs:totalDigits value="4"/>
                        <xs:fractionDigits value="1"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="MaxDesignSpeed"/>
      <xs:element ref="AirBrake"/>
      <xs:element ref="HandBrake">
        <xs:annotation>
          <xs:documentation>Characteristics of hand brake</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="DerailmentDetectionDevice"
type="DerailmentDetectionDevice" minOccurs="0"/>
      <xs:element name="BrakeBlock" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Characteristics of brake
blocks</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="BrakeBlockName" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Name of the brake block type, including
the length in mm</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="CompositeBrakeBlockRetrofitted"
type="xs:boolean" minOccurs="0">
              <xs:annotation>
                <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="CompositeBrakeBlockInstallationDate"
type="xs:date" minOccurs="0">
              <xs:annotation>
```

```
                <xs:documentation>Date of composite brake block
installation, for originally equipped wagon = date put into
service</xs:documentation>
              </xs:annotation>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="WagonTelematics" type="WagonTelematics"
minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="en">Information about telematics
devices mounted on the wagon.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="MaxLengthOfLoad" minOccurs="0">
        <xs:annotation>
          <xs:documentation> Maximum length of the load measured in mm
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="LoadArea" minOccurs="0"/>
      <xs:element name="HeightOfLoadingPlaneUnladen" type="Numeric1-5"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Height of the loading plane when wagon is empty
measured in mm</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="RemovableAccessories" minOccurs="0"
maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="TypeOfRemovableAccessories">
              <xs:annotation>
                <xs:documentation>Specification of removable accessory.
TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet
920-13:
01 = Removable stanchion
02 = Removable side flap of flat wagon
03 = Removable end flap of flat wagon
04 = Removable side rail
05 = Removable intermediate upright for securing the load
06 = Stanchion chain
07 = Removable handle and wheel for winch on car-carrying wagon
08 = Swivelling bolster (with stanchions)
09 = Coupling rod (rigid coupling)
10 = Ice bunker
11 = Ice bunker screen
12 = Ice bunker frame
13 = Trestle or bar with hooks for hanging meat
14 = Movable cross-member of wagon with low loading plane
15 = Removable support
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
```

```
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
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>
      <xs:element ref="LoadingCapacity" minOccurs="0"/>
      <xs:element ref="MaxGrossWeight">
        <xs:annotation>
          <xs:documentation>Weight of max Gross Load Weight  plus the tare
weight of the equipment in kg</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Indication if tank wagon is equipped with a
vapour return system</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="FerryPermittedFlag" minOccurs="0">
        <xs:annotation>
          <xs:documentation> Indication if wagon is permitted to be used on
ferries</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="FerryRampAngle" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Maximum allowed angle of the ferry ramp (in
grades: °)</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:decimal">
            <xs:totalDigits value="3"/>
            <xs:fractionDigits value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="TemperatureRange" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:annotation>
              <xs:documentation>Temperature Range</xs:documentation>
```

```
            </xs:annotation>
            <xs:element ref="MaxTemp"/>
            <xs:element ref="MinTemp"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="TechnicalForwardingRestrictions" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Restrictions relevant to wagon operations in
train formation, yards or in trains due to design characteristics.
Type will be the RestrictionCode instead of ForwardingRestrictionType,
according to 920-13: annotation will carry the information that only
thechnical parameters are allowed to be used here. Only the code numbers
should be in the annotation</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DateLastOverhaul">
        <xs:annotation>
          <xs:documentation>Date of the last overhaul, if yet no overhaul
date of putting into service</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="OverhaulValidityPeriod"/>
      <xs:element ref="PermittedTolerance"/>
      <xs:element ref="PlannedDateNextOverhaul" minOccurs="0"/>
      <xs:element name="DateOfNextTankInspection" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date of the next tank inspection, applies only
for tank wagons</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

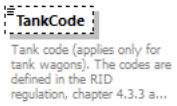
element **RollingStockDataset/DesignDataSet/LetterMarking**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation maxLength 20
annotation	documentation Complete wagon category letter code. The Identification marking for freight rolling stock (wagon type) is defined in UIC Leaflet 438-2

source	`<xs:element name="LetterMarking">`
	`  <xs:annotation>`
	`  <xs:documentation>Complete wagon category letter code. The`

```
Identification marking for freight rolling stock (wagon type) is defined in
UIC Leaflet 438-2</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="20"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

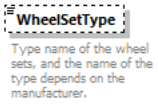
element **RollingStockDataset/DesignDataSet/TankCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<xs:element name="TankCode" minOccurs="0">
  <xs:annotation>
    <xs:documentation>Tank code (applies only for tank wagons). The codes
are defined in the RID regulation, chapter 4.3.3 and
4.3.4.1.1</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="20"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **RollingStockDataset/DesignDataSet/WheelSetType**

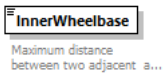
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Type name of the wheel sets, and the name of the type depends on the manufacturer.

source	<xs:element name="WheelSetType" minOccurs="0"> <xs:annotation> <xs:documentation>Type name of the wheel sets, and the name of the type depends on the manufacturer.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="256"/> </xs:restriction> </xs:simpleType> </xs:element>

element **RollingStockDataset/DesignDataSet/BogiePivotPitch**

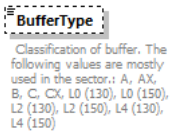
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric1-5**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Largest distance between two adjacent bogie pitches in mm
source	<xs:element name="BogiePivotPitch" type="Numeric1-5" minOccurs="0"> <xs:annotation> <xs:documentation>Largest distance between two adjacent bogie pitches in mm</xs:documentation> </xs:annotation> </xs:element>

element **RollingStockDataset/DesignDataSet/InnerWheelbase**

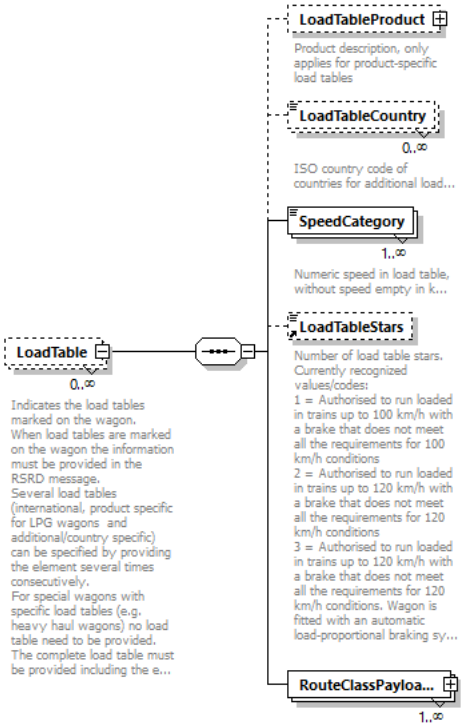
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric1-5**
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation Maximum distance between two adjacent axles in mm
source	<xs:element name="InnerWheelbase" type="Numeric1-5"> <xs:annotation> <xs:documentation>Maximum distance between two adjacent axles in mm</xs:documentation>

```
  </xs:annotation>
</xs:element>
```

element **RollingStockDataset/DesignDataSet/BufferType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **RollingStockDataset/DesignDataSet/LoadTable**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc unbounded content complex
children	**LoadTableProduct LoadTableCountry SpeedCategory LoadTableStars RouteClassPayloads**
annotation	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).

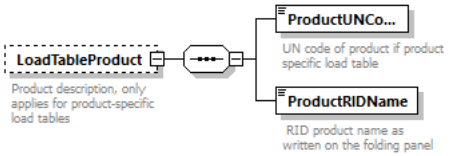
source

```
<xs:element name="LoadTable" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Indicates the load tables marked on the wagon.
When load tables are marked on the wagon the information must be provided in
the RSRD message.
Several load tables (international, product specific for LPG wagons  and
additional/country specific) can be specified by providing the element
several times consecutively.
For special wagons with specific load tables (e.g. heavy haul wagons) no
load table need to be provided.
The complete load table must be provided including the empty load row (if
existent).</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="LoadTableProduct" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Product description, only applies for product-
specific load tables</xs:documentation>
        </xs:annotation>
```

```
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ProductUNCode" type="Numeric4-4">
              <xs:annotation>
                <xs:documentation>UN code of product if product specific
load table</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element name="ProductRIDName">
              <xs:annotation>
                <xs:documentation> RID product name as written on the
folding panel</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="256"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="LoadTableCountry" type="CountryIdentISO"
minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>ISO country code of countries for additional
load tables</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SpeedCategory" type="Numeric1-5"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Numeric speed in load table, without speed empty
in km/h</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="LoadTableStars" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Number of load table stars. Currently recognized
values/codes:
1 = Authorised to run loaded in trains up to 100 km/h with a brake that does
not meet all the requirements for 100 km/h conditions
2 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions
3 = Authorised to run loaded in trains up to 120 km/h with a brake that does
not meet all the requirements for 120 km/h conditions. Wagon is fitted with
an automatic load-proportional braking system.
 </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="RouteClassPayloads" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="RouteClass"/>
            <xs:element name="MaxPayload" maxOccurs="unbounded">
              <xs:annotation>
                <xs:documentation>Maximum payload in tonns of line category;
number of entries must fit to number of entries in
```

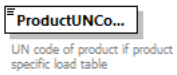
```
SpeedCategory</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:decimal">
                  <xs:totalDigits value="4"/>
                  <xs:fractionDigits value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**ProductUNCode** **ProductRIDName**
annotation	documentation Product description, only applies for product-specific load tables
source	<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>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric4-4**
properties	content simple
facets	Kind Value Annotation minInclusive 0001 maxInclusive 9999
annotation	documentation UN code of product if product specific load table

source	`<xs:element name="ProductUNCode" type="Numeric4-4">`
	`  <xs:annotation>`
	`  <xs:documentation>UN code of product if product specific load table</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation RID product name as written on the folding panel

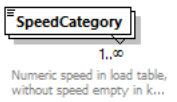
source	`<xs:element name="ProductRIDName">`
	`  <xs:annotation>`
	`  <xs:documentation> RID product name as written on the folding panel</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:maxLength value="256"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

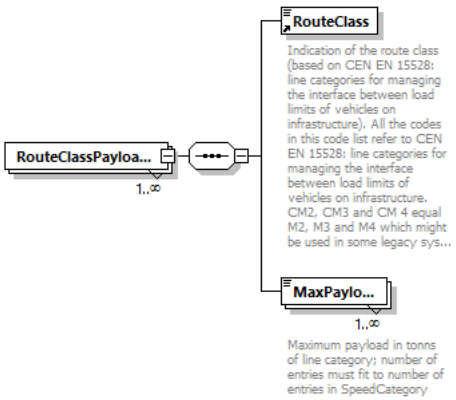
source	`<xs:element name="LoadTableCountry" type="CountryIdentISO" minOccurs="0" maxOccurs="unbounded">`
	`  <xs:annotation>`
	`  <xs:documentation>ISO country code of countries for additional load tables</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

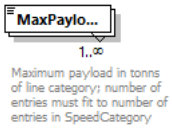
source	`<xs:element name="SpeedCategory" type="Numeric1-5" maxOccurs="unbounded">`
	`  <xs:annotation>`
	`  <xs:documentation>Numeric speed in load table, without speed empty in km/h</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 1 maxOcc unbounded content complex
children	**RouteClass** **MaxPayload**

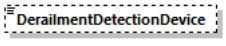
source	`<xs:element name="RouteClassPayloads" maxOccurs="unbounded">`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="RouteClass"/>`
	`<xs:element name="MaxPayload" maxOccurs="unbounded">`
	`<xs:annotation>`
	`<xs:documentation>`Maximum payload in tonns of line category; number of entries must 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>`

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

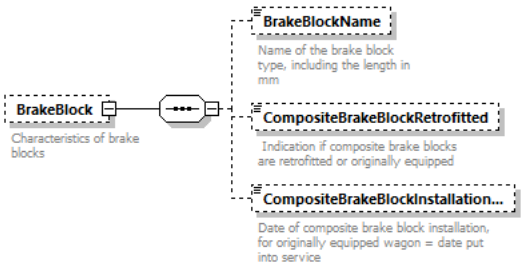
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	minOcc 1 maxOcc unbounded content simple
facets	Kind Value Annotation totalDigits 4

	fractionDigits 1
annotation	documentation Maximum payload in tonns of line category; number of entries must fit to number of entries in SpeedCategory
source	<xs:element name="MaxPayload" maxOccurs="unbounded"> <xs:annotation> <xs:documentation>Maximum payload in tonns 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>

element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**

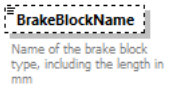
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**DerailmentDetectionDevice**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
source	<xs:element name="DerailmentDetectionDevice" type="DerailmentDetectionDevice" minOccurs="0"/>

element **RollingStockDataset/DesignDataSet/BrakeBlock**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**BrakeBlockName CompositeBrakeBlockRetrofitted CompositeBrakeBlockInstallationDate**
annotation	documentation Characteristics of brake blocks
source	<xs:element name="BrakeBlock" minOccurs="0"> <xs:annotation>

```
    <xs:documentation>Characteristics of brake blocks</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="BrakeBlockName" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Name of the brake block type, including the
length in mm</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean"
minOccurs="0">
        <xs:annotation>
          <xs:documentation> Indication if composite brake blocks are
retrofitted or originally equipped</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date"
minOccurs="0">
        <xs:annotation>
          <xs:documentation>Date of composite brake block installation, for
originally equipped wagon = date put into service</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

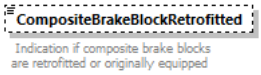
element **RollingStockDataset/DesignDataSet/BrakeBlock/BrakeBlockName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 256
annotation	documentation Name of the brake block type, including the length in mm

source	`<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>
```

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if composite brake blocks are retrofitted or originally equipped

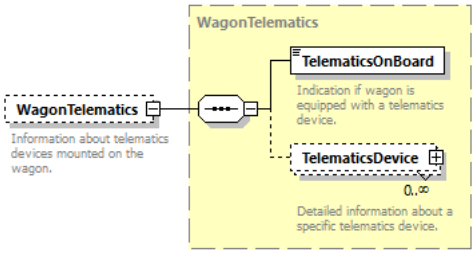
source	`<xs:element name="CompositeBrakeBlockRetrofitted" type="xs:boolean" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation> Indication if composite brake blocks are retrofitted or originally equipped</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

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

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

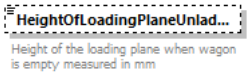
source	`<xs:element name="CompositeBrakeBlockInstallationDate" type="xs:date" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Date of composite brake block installation, for originally equipped wagon = date put into service</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/DesignDataSet/WagonTelematics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WagonTelematics**
properties	minOcc 0 maxOcc 1 content complex
children	**TelematicsOnBoard** **TelematicsDevice**
annotation	documentation Information about telematics devices mounted on the wagon.

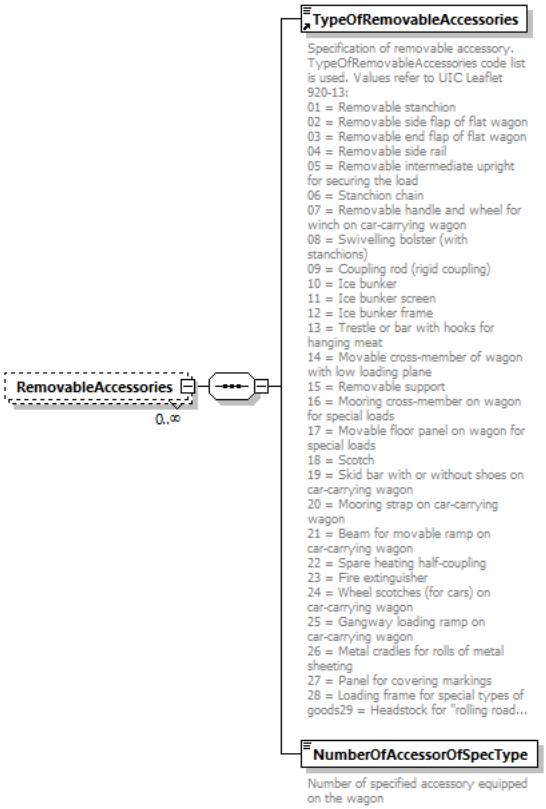
source	`<xs:element name="WagonTelematics" type="WagonTelematics" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation xml:lang="en">Information about telematics devices mounted on the wagon.</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric1-5**
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	`<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>`

element **RollingStockDataset/DesignDataSet/RemovableAccessories**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc unbounded content complex
children	**TypeOfRemovableAccessories** **NumberOfAccessorOfSpecType**
source	<xs:element name="RemovableAccessories" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="TypeOfRemovableAccessories"> <xs:annotation> <xs:documentation>Specification of removable accessory. TypeOfRemovableAccessories code list is used. Values refer to UIC Leaflet 920-13: 01 = Removable stanchion 02 = Removable side flap of flat wagon 03 = Removable end flap of flat wagon 04 = Removable side rail 05 = Removable intermediate upright for securing the load 06 = Stanchion chain 07 = Removable handle and wheel for winch on car-carrying wagon 08 = Swivelling bolster (with stanchions) 09 = Coupling rod (rigid coupling) 10 = Ice bunker 11 = Ice bunker screen 12 = Ice bunker frame 13 = Trestle or bar with hooks for hanging meat 14 = Movable cross-member of wagon with low loading plane 15 = Removable support

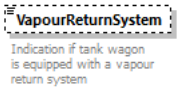
```
16 = Mooring cross-member on wagon for special loads
17 = Movable floor panel on wagon for special loads
18 = Scotch
19 = Skid bar with or without shoes on car-carrying wagon
20 = Mooring strap on car-carrying wagon
21 = Beam for movable ramp on car-carrying wagon
22 = Spare heating half-coupling
23 = Fire extinguisher
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>
```

element **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric2-2**
properties	content simple
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Number of specified accessory equipped on the wagon

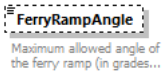
source	`<xs:element name="NumberOfAccessorOfSpecType" type="Numeric2-2">`
	`  <xs:annotation>`
	`  <xs:documentation>Number of specified accessory equipped on the wagon</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/DesignDataSet/VapourReturnSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if tank wagon is equipped with a vapour return system

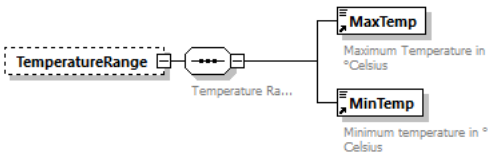
source	`<xs:element name="VapourReturnSystem" type="xs:boolean" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Indication if tank wagon is equipped with a vapour return system</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDataset/DesignDataSet/FerryRampAngle**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="FerryRampAngle" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Maximum allowed angle of the ferry ramp (in grades: °)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:decimal">`
	`  <xs:totalDigits value="3"/>`
	`  <xs:fractionDigits value="2"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **RollingStockDataset/DesignDataSet/TemperatureRange**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**MaxTemp** **MinTemp**

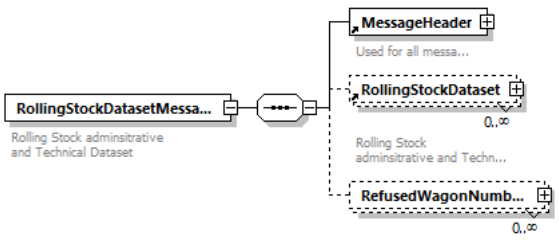
source	`<xs:element name="TemperatureRange" minOccurs="0">`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:annotation>`
	`  <xs:documentation>Temperature Range</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:element ref="MaxTemp"/>`
	`  <xs:element ref="MinTemp"/>`
	`  </xs:sequence>`
	`  </xs:complexType>`
	`</xs:element>`

element **RollingStockDataset/DesignDataSet/DateOfNextTankInspection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Date of the next tank inspection, applies only for tank wagons

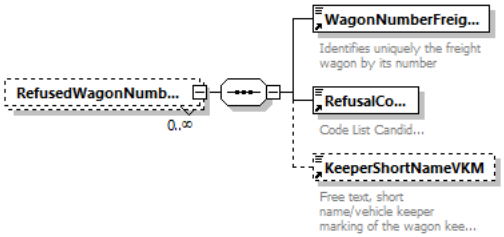
source	`<xs:element name="DateOfNextTankInspection" type="xs:date" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Date of the next tank inspection, applies only for tank wagons</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **RollingStockDatasetMessage**

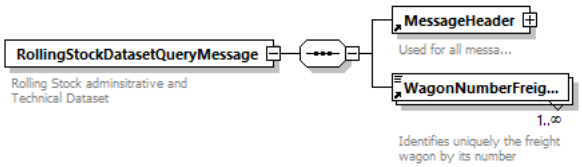
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **RollingStockDataset** **RefusedWagonNumbers**
annotation	documentation Rolling Stock adminsitrative and Technical Dataset
source	<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" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element>

element **RollingStockDatasetMessage/RefusedWagonNumbers**

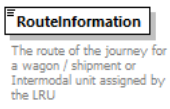
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc unbounded content complex
children	**WagonNumberFreight** **RefusalCode** **KeeperShortNameVKM**
source	<xs:element name="RefusedWagonNumbers" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element ref="WagonNumberFreight"/> <xs:element ref="RefusalCode"/> <xs:element ref="KeeperShortNameVKM" minOccurs="0"/> </xs:sequence> </xs:complexType> </xs:element>

element **RollingStockDatasetQueryMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **WagonNumberFreight**
annotation	documentation Rolling Stock adminsitrative and Technical Dataset

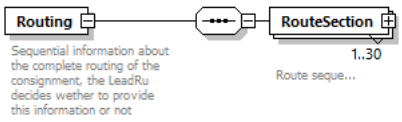
source	`<xs:element name="RollingStockDatasetQueryMessage">`
	`<xs:annotation>`
	`<xs:documentation>Rolling Stock adminsitrative and Technical Dataset</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="MessageHeader"/>`
	`<xs:element ref="WagonNumberFreight" maxOccurs="unbounded"/>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

element **RouteInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

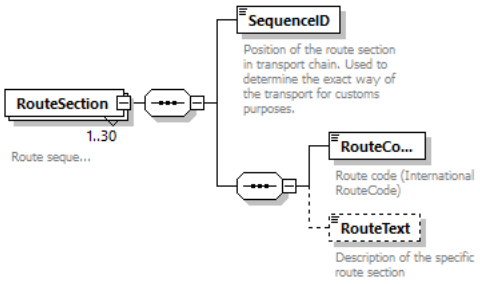
element **Routing**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**RouteSection**
annotation	documentation Sequential information about the complete routing of the consignment, the LeadRu decides wether to provide this information or not
source	

```
<xs:element name="Routing">
  <xs:annotation>
    <xs:documentation>Sequential information about the complete routing of
the consignment, the LeadRu  decides wether 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:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="5"/>
                    <xs:pattern value="\d*[1-9]\d*0"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="RouteText" minOccurs="0">
                <xs:annotation>
                  <xs:documentation>Description of the specific route
section</xs:documentation>
                </xs:annotation>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="80"/>
                  </xs:restriction>
```

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

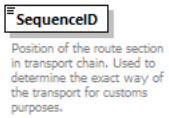
element **Routing/RouteSection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 1 maxOcc 30 content complex
children	**SequenceID RouteCode RouteText**
annotation	documentation Route sequence
source	

```
<xs:element name="RouteSection" maxOccurs="30">
  <xs:annotation>
    <xs:documentation>Route sequence</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="SequenceID" type="xs:int">
        <xs:annotation>
          <xs:documentation>Position of the route section in transport
chain. Used to determine the exact way of the transport for customs
purposes.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:sequence>
        <xs:element name="RouteCode">
          <xs:annotation>
            <xs:documentation>Route code (International
RouteCode)</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="5"/>
              <xs:pattern value="\d*[1-9]\d*0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="RouteText" minOccurs="0">
```

```
          <xs:annotation>
            <xs:documentation>Description of the specific route
section</xs:documentation>
          </xs:annotation>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="80"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Routing/RouteSection/SequenceID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **Routing/RouteSection/RouteCode**

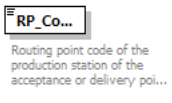
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation length 5 pattern \d*[1-9]\d*0
annotation	documentation Route code (International RouteCode)
source	`<xs:element name="RouteCode">` `  <xs:annotation>`

```
    <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>
```

element **Routing/RouteSection/RouteText**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **RP_Code**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	elements **ConsignmentOrderMessage/COMS/COM/AcceptancePoint** **ConsignmentOrderMessage/COMS/COM/DeliveryPoint** **ProductionStation**
facets	Kind Value Annotation length 5

annotation	documentation Routing point code of the production station of the acceptance or delivery point.
source	<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>

element **RU_Partner**

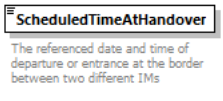
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompanyCode**
properties	content simple
used by	elements **ConsignmentOrderMessage/COMS/COM/CustomsProcedures SpecialTreatments**
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
annotation	documentation Railway Undertaking
source	<xs:element name="RU_Partner" type="CompanyCode"> <xs:annotation> <xs:documentation>Railway Undertaking</xs:documentation> </xs:annotation> </xs:element>

element **ScheduledDateTimeAtTransfer**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

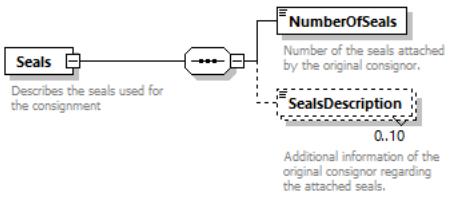
element **ScheduledTimeAtHandover**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **ScheduledTimeAtLocation**

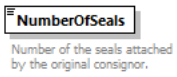
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **ExceptionPoint**
annotation	documentation Scheduled Date and Time at a location related to the status of the train or wagon at the given location
source	<xs:element name="ScheduledTimeAtLocation" 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>

element **Seals**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**NumberOfSeals** **SealsDescription**
used by	elements **ITU_Details** **Wagons/WagonDetails**
annotation	documentation Describes the seals used for the consignment

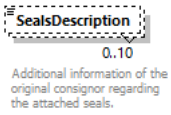
source	`<xs:element name="Seals">`
	`<xs:annotation>`
	`<xs:documentation>Describes the seals used for the consignment</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element name="NumberOfSeals">`
	`<xs:annotation>`
	`<xs:documentation>Number of the seals attached by the original consignor.</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:int">`
	`<xs:minInclusive value="0"/>`
	`<xs:totalDigits value="2"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`<xs:element name="SealsDescription" minOccurs="0" maxOccurs="10">`
	`<xs:annotation>`
	`<xs:documentation>Additional information of the original consignor regarding the attached seals.</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:maxLength value="10"/>`
	`<xs:minLength value="1"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

element **Seals/NumberOfSeals**

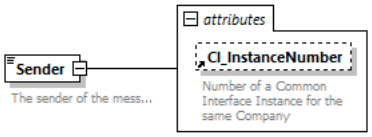
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
facets	Kind Value Annotation minInclusive 0 totalDigits 2
annotation	documentation Number of the seals attached by the original consignor.
source	<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>

element **Seals/SealsDescription**

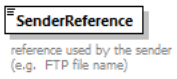
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 10 content simple
facets	Kind Value Annotation minLength 1 maxLength 10
annotation	documentation Additional information of the original consignor regarding the attached seals.
source	<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>

element **Sender**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **CompanyCode**
properties	content complex
used by	element **MessageHeader**
facets	Kind Value Annotation minLength 4 maxLength 4 pattern [0-9A-Z]{4}
attributes	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

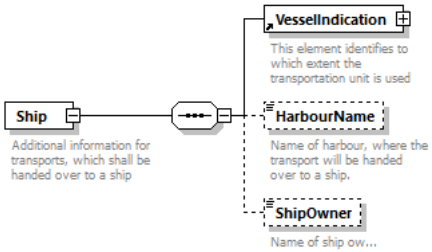
source	`<xs:element name="Sender">`
	`<xs:annotation>`
	`<xs:documentation>The sender of the message</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:simpleContent>`
	`<xs:extension base="CompanyCode">`
	`<xs:attribute ref="CI_InstanceNumber"/>`
	`</xs:extension>`
	`</xs:simpleContent>`
	`</xs:complexType>`
	`</xs:element>`

element **SenderReference**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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)

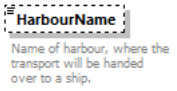
source	<xs:element name="SenderReference" type="FreeText"> <xs:annotation> <xs:documentation>reference used by the sender (e.g. FTP file name)</xs:documentation> </xs:annotation> </xs:element>

element **Ship**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**VesselIndication HarbourName ShipOwner**
used by	elements **ITU_Details Wagons/WagonDetails**
annotation	documentation Additional information for transports, which shall be handed over to a ship
source	<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:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="ShipOwner" minOccurs="0"> <xs:annotation> <xs:documentation>Name of ship owner.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="35"/> </xs:restriction> </xs:simpleType>

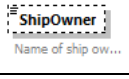
```
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Ship/HarbourName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of harbour, where the transport will be handed over to a ship.

source	`<xs:element name="HarbourName" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Name of harbour, where the transport will be handed over to a ship.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="35"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **Ship/ShipOwner**

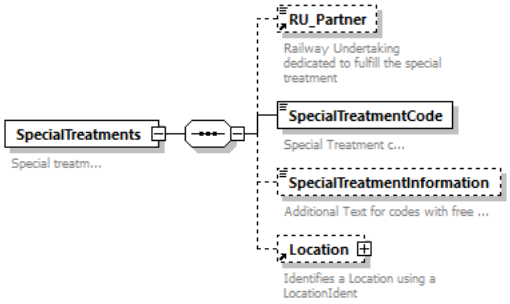
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 35
annotation	documentation Name of ship owner.

source	`<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>
```

element **SpecialTreatments**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

children: RU_Partner SpecialTreatmentCode SpecialTreatmentInformation Location

used by: elements ConsignmentOrderMessage/COMS/COM WIMO_Dataset/ConsignmentLevelData

annotation: documentation
Special treatment

source

```
<xs:element name="SpecialTreatments">
  <xs:annotation>
    <xs:documentation>Special treatment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RU_Partner" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Railway Undertaking dedicated to fulfill the
special treatment</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="SpecialTreatmentCode">
        <xs:annotation>
          <xs:documentation>Special Treatment code</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="SpecialTreatmentInformation" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional Text for codes with free
text</xs:documentation>
        </xs:annotation>
```

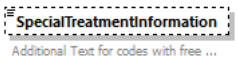
```
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Location" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **SpecialTreatments/SpecialTreatmentCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation length 2
annotation	documentation Special Treatment code

source	`<xs:element name="SpecialTreatmentCode">`
	`  <xs:annotation>`
	`  <xs:documentation>Special Treatment code</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:length value="2"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

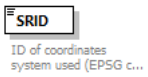
element **SpecialTreatments/SpecialTreatmentInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="SpecialTreatmentInformation" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Additional Text for codes with free`

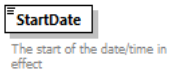
```
text</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="40"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **SRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="SRID">`
	`  <xs:annotation>`
	`  <xs:documentation>ID of coordinates system used (EPSG code)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:pattern value="[0-9]{4}"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **StartDate**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:date**
properties	content simple
used by	complexTypes **CompositIdentifierOperationalType** **CompositIdentifierPlannedType**
annotation	documentation The start of the date/time in effect

source	`<xs:element name="StartDate" type="xs:date">`
	`  <xs:annotation>`
	`  <xs:documentation>The start of the date/time in effect</xs:documentation>`

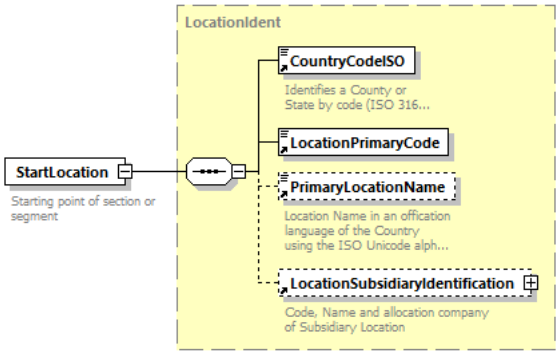
```
  </xs:annotation>
</xs:element>
```

element **StartDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	elements **RequestedPeriod** **RequestedTimeframe** **ValidityPeriod**
annotation	documentation The start of the date/time in effect

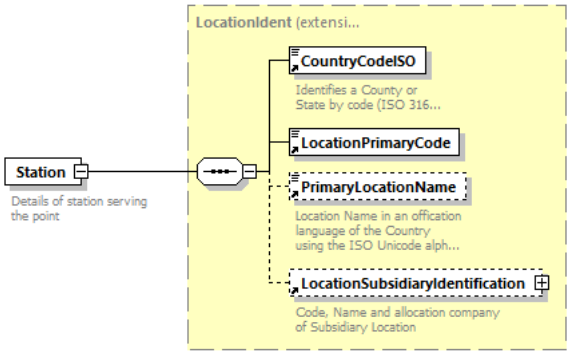
source	`<xs:element name="StartDateTime" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>The start of the date/time in effect</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **StartLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
annotation	documentation Starting point of section or segment

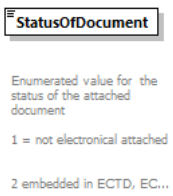
source	`<xs:element name="StartLocation" type="LocationIdent">`
	`  <xs:annotation>`
	`  <xs:documentation>Starting point of section or segment</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **Station**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

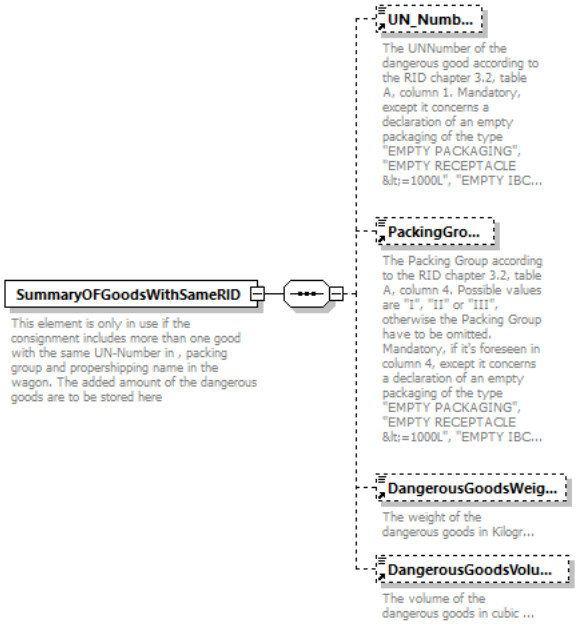
source	`<xs:element name="Station">`
	`  <xs:annotation>`
	`  <xs:documentation>Details of station serving the point</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:complexContent>`
	`  <xs:extension base="LocationIdent"/>`
	`  </xs:complexContent>`
	`  </xs:complexType>`
	`</xs:element>`

element **StatusOfDocument**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
used by	element **ConsignmentOrderMessage/COMS/COM/AttachedDocuments**
facets	Kind Value Annotation enumeration 2 enumeration 1
annotation	documentation

	Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN
source	<xs:element name="StatusOfDocument"> <xs:annotation> <xs:documentation> Enumerated value for the status of the attached document 1 = not electronical attached 2 embedded in ECTD, ECN or PCN </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="2"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

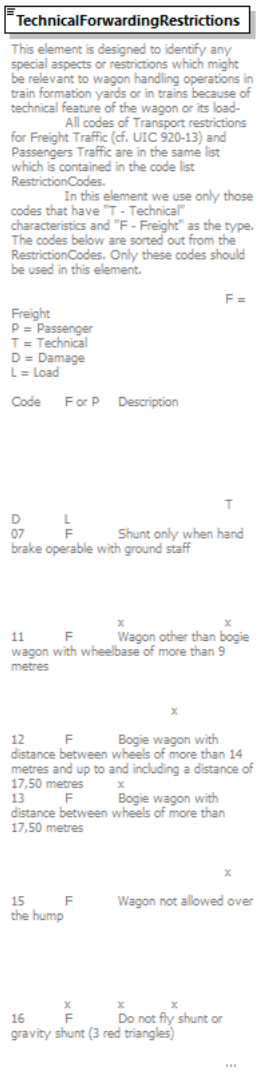
element **SummaryOFGoodsWithSameRID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**UN_Number PackingGroup DangerousGoodsWeight DangerousGoodsVolume**
used by	elements **ITU RollingRoadUnit Wagons**
annotation	documentation This element is only in use if the consignment includes more than one good with the same UN-Number in , packing group and propershipping name in the wagon. The added amount of the dangerous goods are to be stored here
source	<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
propershipping name in the wagon. The added amount of the dangerous goods
are to be stored here</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="UN_Number" minOccurs="0"/>
      <xs:element ref="PackingGroup" minOccurs="0"/>
      <xs:element ref="DangerousGoodsWeight" minOccurs="0">
        <xs:annotation>
          <xs:documentation>The weight of the dangerous goods in
Kilograms</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DangerousGoodsVolume" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TechnicalForwardingRestrictions**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**RestrictionCodes**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**

facets

Kind	Value	Annotation
enumeration	07	documentation F - Shunt only when hand brake operable with ground staff
enumeration	08	documentation F - Tank wagon loaded with liquid
enumeration	09	documentation F - Wagon loaded with people
enumeration	11	documentation F - Wagon other than bogie wagon with wheelbase of more than 9 metres
enumeration	12	documentation F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres
enumeration	13	documentation F - Bogie wagon with distance between wheels of more than 17,50 metres
enumeration	15	documentation F - Wagon not allowed over the hump
enumeration	16	documentation F - Do not fly shunt or gravity shunt (3 red triangles)
enumeration	18	documentation F - Must not use active braking equipment
enumeration	25	documentation F - Gas carrying tank wagon with orange side stripe
enumeration	30	documentation P (+F) - CCS fault (see CCS coding list)
enumeration	31	documentation P (+F) - Braking system fault
enumeration	32	documentation P (+F) - Wheelset, bogie fault
enumeration	33	documentation P (+F) - Headlighting or back lighting fault
enumeration	34	documentation P (+F) - Front glass broken
enumeration	35	documentation P (+F) - Horn fault
enumeration	36	documentation P (+F) - Radio fault
enumeration	37	documentation P (+F) - Energy supply fault
enumeration	38	documentation P (+F) - Traction or motor fault
enumeration	39	documentation P - Access door fault
enumeration	41	documentation F - Place this wagon at the front of the train
enumeration	42	documentation F - Place this wagon at the rear of the train
enumeration	50	documentation P (+F) - Speed restriction
enumeration	52	documentation P (+F) - Diesel locomotive instead of electric locomotive
enumeration	61	documentation F - Wagon forming part of a consignment of several wagons
enumeration	62	documentation F - Wagon forming part of a group of wagons from which it must not be separated
enumeration	63	documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger

	than the planned one enumeration 68 documentation F - First or last wagon of a wagon group from which it must not be separated enumeration 70 documentation F - Shunt with care (1 red triangle) enumeration 71 documentation F - Shunt with special care (2 red triangle) enumeration 90 documentation P - Train planned with passengers operated without passengers enumeration 91 documentation P - Train planned without passengers operated with passengers enumeration 92 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine) enumeration 94 documentation F - Gas carrying wagon without orange side stripe enumeration 99 documentation P - Other
annotation	documentation This element is designed to identify any special aspects or restrictions which might be relevant to wagon handling operations in train formation yards or in trains because of technical feature of the wagon or its load- All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list which is contained in the code list RestrictionCodes. In this element we use only those codes that have "T - Technical" characteristics and "F - Freight" as the type. The codes below are sorted out from the RestrictionCodes. Only these codes should be used in this element. F = Freight P = Passenger T = Technical D = Damage L = Load Code F or P Description T D L 07 F Shunt only when hand brake operable with ground staff x x 11 F Wagon other than bogie wagon with wheelbase of more than 9 metres x 12 F Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres x 13 F Bogie wagon with distance between wheels of more than 17,50 metres x 15 F Wagon not allowed over the hump x x x 16 F Do not fly shunt or gravity shunt (3 red triangles) x x x 18 F Must not use active braking equipment x 25 F Gas carrying tank wagon with orange side stripe x 41 F Place this wagon at the front of the train

x x x
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)

x x x
71 F Shunt with special care (2 red triangle)

x x x
94 F Gas carrying wagon without orange side stripe

x

source

```
<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


                                          T     D     L
07     F      Shunt only when hand brake operable with ground staff


       x            x
11     F      Wagon other than bogie wagon with wheelbase of more than 9
metres
                                                 x
12     F      Bogie wagon with distance between wheels of more than 14 metres
and up to and including a distance of 17,50 metres   x
13     F      Bogie wagon with distance between wheels of more than 17,50
metres
                                                 x
15     F      Wagon not allowed over the hump
```

```
                                x      x      x
16      F       Do not fly shunt or gravity shunt (3 red triangles)


                x      x      x
18      F       Must not use active braking equipment


                       x
25      F       Gas carrying tank wagon with orange side stripe


                x
41      F       Place this wagon at the front of the train


                                x      x      x
42      F       Place this wagon at the rear of the train

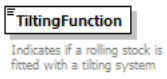

                                x      x      x
63      F (+P) Special consignment or (for Passengers trains)
loading/cinematic gauge larger than the planned one
        x       x
70      F       Shunt with care (1 red triangle)


                                       x      x      x
71      F       Shunt with special care (2 red triangle)


                                x      x      x
94      F       Gas carrying wagon without orange side stripe


                x
</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **TiltingFunction**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
used by	element **PlannedTrainTechnicalData**
annotation	documentation Indicates if a rolling stock is fitted with a tilting system

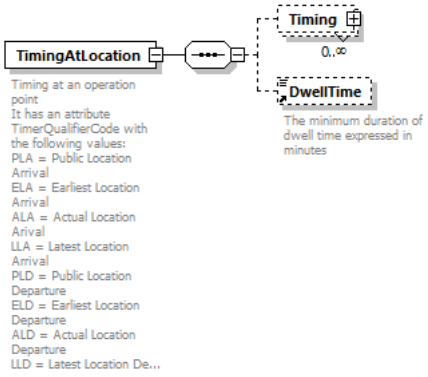
source	`<xs:element name="TiltingFunction" type="xs:boolean">`
	`  <xs:annotation>`
	`  <xs:documentation>Indicates if a rolling stock is fitted with a tilting`

```
system</xs:documentation>
  </xs:annotation>
</xs:element>
```

element **TimetableYear**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="TimetableYear"> <xs:annotation> <xs:documentation>Refers to the timetable period in which the business will be carried out</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="2012"/> <xs:maxInclusive value="2097"/> </xs:restriction> </xs:simpleType> </xs:element>

element **TimingAtLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Timing** **DwellTime**
used by	elements **AssociatedAttachedTimingAtLocation** **PlannedJourneyLocation**

annotation

documentation
Timing at an operation point
It has an attribute TimerQualifierCode with the following values:
PLA = Public Location Arrival
ELA = Earliest Location Arrival
ALA = Actual Location Arival
LLA = Latest Location Arrival
PLD = Public Location Departure
ELD = Earliest Location Departure
ALD = Actual Location Departure
LLD = Latest Location Departure
ERT = Earliest Run Through
ART = Actual Run Through
LRT = Latest Run Through

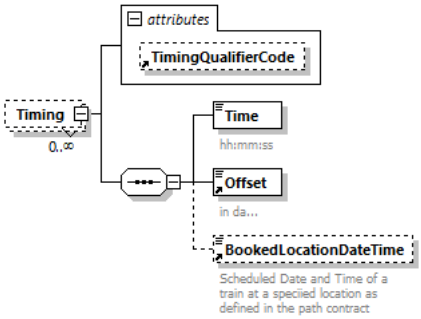
source

```
<xs:element name="TimingAtLocation">
  <xs:annotation>
    <xs:documentation>Timing at an operation point
It has an attribute TimerQualifierCode with the following values:
PLA = Public Location Arrival
ELA = Earliest Location Arrival
ALA = Actual Location Arival
LLA = Latest Location Arrival
PLD = Public Location Departure
ELD = Earliest Location Departure
ALD = Actual Location Departure
LLD = Latest Location Departure
ERT = Earliest Run Through
ART = Actual Run Through
LRT = Latest Run Through
                    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Timing" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Time">
              <xs:annotation>
                <xs:documentation>hh:mm:ss</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:simpleContent>
                  <xs:extension base="xs:time"/>
                </xs:simpleContent>
              </xs:complexType>
            </xs:element>
            <xs:element ref="Offset">
              <xs:annotation>
                <xs:documentation>in days</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
          </xs:sequence>
          <xs:attribute ref="TimingQualifierCode"/>
        </xs:complexType>
      </xs:element>
      <xs:element ref="DwellTime" minOccurs="0"/>
```

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

element **TimingAtLocation/Timing**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties:

minOcc	0
maxOcc	unbounded
content	complex

children: **Time** **Offset** **BookedLocationDateTime**

attributes:

Name	Type	Use	Default	Fixed	Annotation
TimingQualifierCode	**derived by: xs:token**				

source

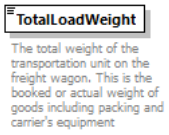
```
<xs:element name="Timing" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Time">
        <xs:annotation>
          <xs:documentation>hh:mm:ss</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:simpleContent>
            <xs:extension base="xs:time"/>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element ref="Offset">
        <xs:annotation>
          <xs:documentation>in days</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="BookedLocationDateTime" minOccurs="0"/>
    </xs:sequence>
    <xs:attribute ref="TimingQualifierCode"/>
  </xs:complexType>
</xs:element>
```

element **TimingAtLocation/Timing/Time**

diagram

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **xs:time**
properties	content complex
annotation	documentation hh:mm:ss
source	<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>

element **TotalLoadWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueKilo**
properties	content simple
used by	element **WagonOperationalData**
facets	Kind / Value / Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation The total weight of the transportation unit on the freight wagon. This is the booked or actual weight of goods including packing and carrier's equipment
source	<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>

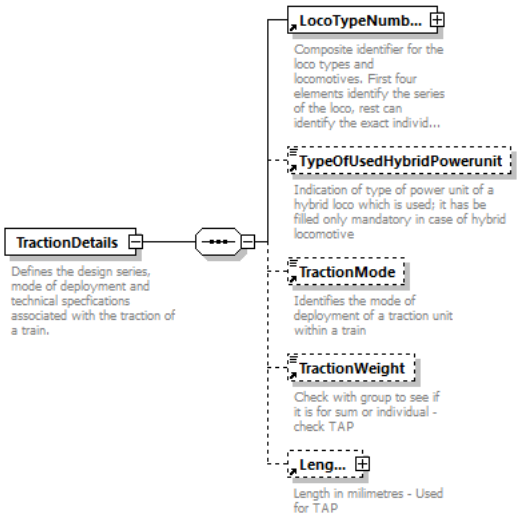
element **TotalWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="TotalWeight" type="WeightValueKilo">`
	`  <xs:annotation>`
	`  <xs:documentation>Total weight of the loaded wagon [kg].`
	`</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

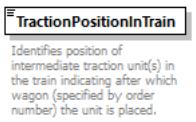
element **TractionDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LocoTypeNumber** **TypeOfUsedHybridPowerunit** **TractionMode** **TractionWeight** **Length**
used by	element **PlannedTrainTechnicalData**
annotation	documentation Defines the design series, mode of deployment and technical specfications associated with the traction of a train.

source	`<xs:element name="TractionDetails">`
	`  <xs:annotation>`
	`  <xs:documentation>Defines the design series, mode of deployment and technical specfications associated with the traction of a train.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="LocoTypeNumber"/>`
	`  <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Indication of type of power unit of a hybrid`

```
loco which is used; it has 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>
```

element **TractionPositionInTrain**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **TrainCompositionJourneySection/LocoIdent**
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
annotation	documentation Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.

source	`<xs:element name="TractionPositionInTrain">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies position of intermediate traction unit(s) in the train indicating after which wagon (specified by order number) the unit is placed.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="01"/>`
	`  <xs:maxInclusive value="99"/>`
	`  </xs:restriction>`

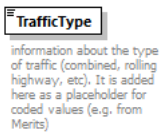
```
  </xs:simpleType>
</xs:element>
```

element **TractionWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueTonne**
properties	content simple
used by	element **TractionDetails**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation The weight of the traction unit

source	`<xs:element name="TractionWeight" type="WeightValueTonne">`
	`  <xs:annotation>`
	`  <xs:documentation>The weight of the traction unit</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **TrafficType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	element **PlannedTrainData**
facets	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	`<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:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="2"/>`

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

element **TrainActivity**

diagram

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **TrainActivityType**

diagram

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	complexType **TrainActivityType**
facets	Kind Value Annotation minLength 4 maxLength 4
annotation	documentation Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99. 0001 Commercial stop RU Board/disembark passenger train, load/unload freight train 0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver) 0007 Stops for locomotive to run round train RU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train) 0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load 0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change engine RU 0013 attach coach/wagon RU 0014 detach coach/wagon RU 0015 attach and detach coach/wagon RU 0016 attach train Operational Train (in service) 0017 split train Operational Train (in service) 0018 Parking of vehicle RU e.g. need to park the train/composition midway for several hours 0019 Mail/parcel services RU 0020 shunting RU actual activity of shunting 0021 shunting service RU Request for shunting service (if offered by the IM or a third party) 0022 Terminal service (terminal in the meaning of final destination) RU Request for services at the end of a train run (if offered by the IM or a third party) 0023 Loco driver change RU 0024 Loco driver break RU legal issue, e.g. to respect working law 0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed 0026 Custom and passport facilities RU 0027 Other stop reason (miscellaneous) RU/IM 0028 Boarding only RU 0029 Disembarking only RU 0030 Stop on request RU 0031 Departure equals to arrival time RU If in some stations only arrival times are published, this activity code may 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

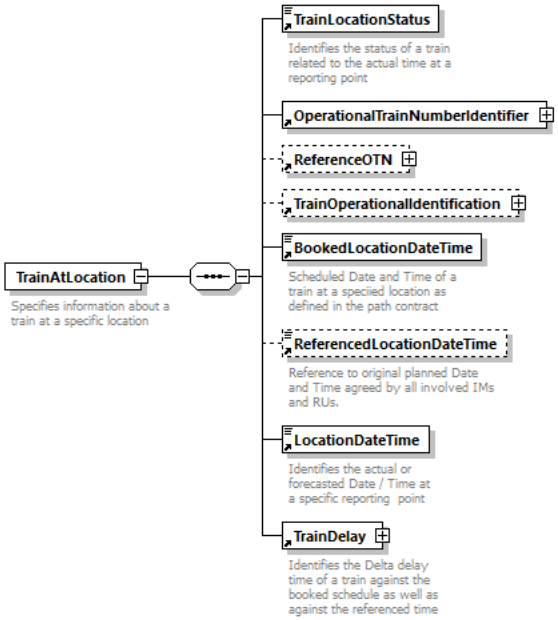
	the proper functioning of the mechanical refrigeration equipment, Refuelling machinery, Switching machinery on or off 0039 Administrative operations RU Weighing, Re-forwarding, Submission to phytosanitary inspections 0040 Run Through (Passing Time) IM 0041 Photo run-by / Photo-stop 0042 Train Waiting 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
source	<xs:element name="TrainActivityType"> <xs:annotation> <xs:documentation>Indicates certain treatments or operations required for a train. If national codes are used, the first 2 position will be the ISO country code, followed by 00-99. 0001 Commercial stop RU Board/disembark passenger train, load/unload freight train 0002 Operational stop IM Stops needed by the IM (e.g. overpassing by another train) 0003 Service stop RU/IM Stops which are used for non-commercial activities (e.g. boarding of staff) 0004 System stop RU/IM allowing the RU to change a system (e.g. signalling system, safety system) 0005 Reversing stop RU/IM stop to enable train unit to run in the opposite direction (without change of engine) 0006 Stops for reversing move or driver change ends RU stop to enable train unit to run in the opposite direction (with using another engine at the other end of the train and change of driver) 0007 Stops for locomotive to run round train RU stop to enable train unit to run in the opposite direction (with using the same engine at the other end of the train) 0008 Technical check/inspection coaches/wagons RU/IM e.g. at origin or intermediate station: brake test, checking load 0009 Change gauge RU/IM continuation on a network with a different gauge with change of bogies or adaptation of the axles (F->E, SVE->FI) 0010 attach engine/unit RU Unit not previously in service 0011 detach engine/unit RU Unit no longer in service 0012 change 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 midway for several hours 0019 Mail/parcel services RU 0020 shunting RU actual activity of shunting 0021 shunting service RU Request for shunting service (if offered by the IM or a third party) 0022 Terminal service (terminal in the meaning of final destination) RU Request for services at the end of a train run (if offered by the IM or a third party) 0023 Loco driver change RU 0024 Loco driver break RU legal issue, e.g. to respect working law 0025 Crew change RU different to loco driver change as for the change of the crew a platform will be needed 0026 Custom and passport facilities RU 0027 Other stop reason (miscellaneous) RU/IM 0028 Boarding onlyRU 0029 Disembarking only RU 0030 Stop on request RU 0031 Departure equals to arrival time RU If in some stations only arrival times are published, this activity code may 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
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="4"/>
      <xs:maxLength value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TrainAtLocation**

diagram



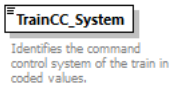
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TrainLocationStatus OperationalTrainNumberIdentifier ReferenceOTN TrainOperationalIdentification BookedLocationDateTime ReferencedLocationDateTime LocationDateTime TrainDelay**
used by	element **TrainForecastAtReportingLocationMessage**
annotation	documentation Specifies information about a train at a specific location

source

```
<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"/>
      <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>
```

element **TrainCC_System**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**TrainCC_SystemCode**
properties	content simple
used by	elements **PlannedTrainTechnicalData** **TrainRunningTechData**

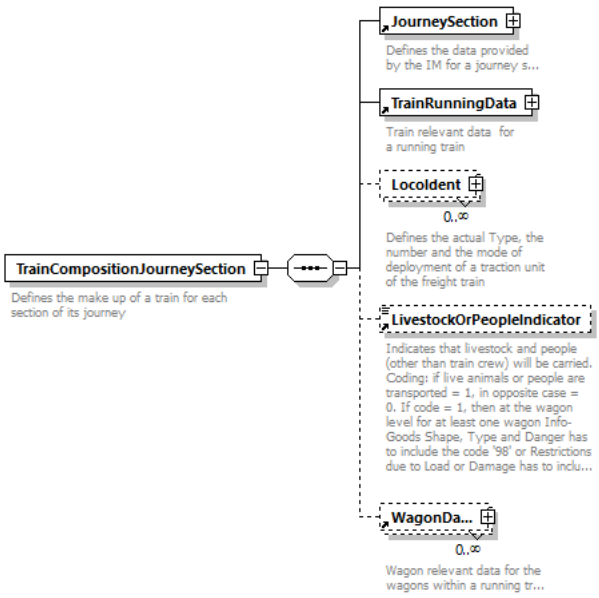
facets

Kind	Value	Annotation
enumeration	01	
enumeration	02	
enumeration	03	
enumeration	04	
enumeration	05	
enumeration	06	
enumeration	07	
enumeration	08	
enumeration	09	
enumeration	10	
enumeration	11	
enumeration	12	
enumeration	13	
enumeration	14	
enumeration	15	
enumeration	16	
enumeration	17	
enumeration	18	
enumeration	19	
enumeration	20	
enumeration	21	
enumeration	22	
enumeration	23	
enumeration	24	
enumeration	25	
enumeration	26	
enumeration	27	
enumeration	28	
enumeration	29	
enumeration	30	

	enumeration 31 enumeration 32 enumeration 33 enumeration 34 enumeration 35 enumeration 36 enumeration 37 enumeration 38 enumeration 39 enumeration 40 enumeration 41 enumeration 42 enumeration 43 enumeration 44 enumeration 45 enumeration 46 enumeration 47 enumeration 48 enumeration 49 enumeration 50 enumeration 51 enumeration 52 enumeration 53 enumeration 54
annotation	documentation Identifies the command control system of the train in coded values.

source	`<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>`

element **TrainCompositionJourneySection**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**JourneySection TrainRunningData LocoIdent LivestockOrPeopleIndicator WagonData**
used by	element **TrainCompositionMessage**
annotation	documentation Defines the make up of a train for each section of its journey

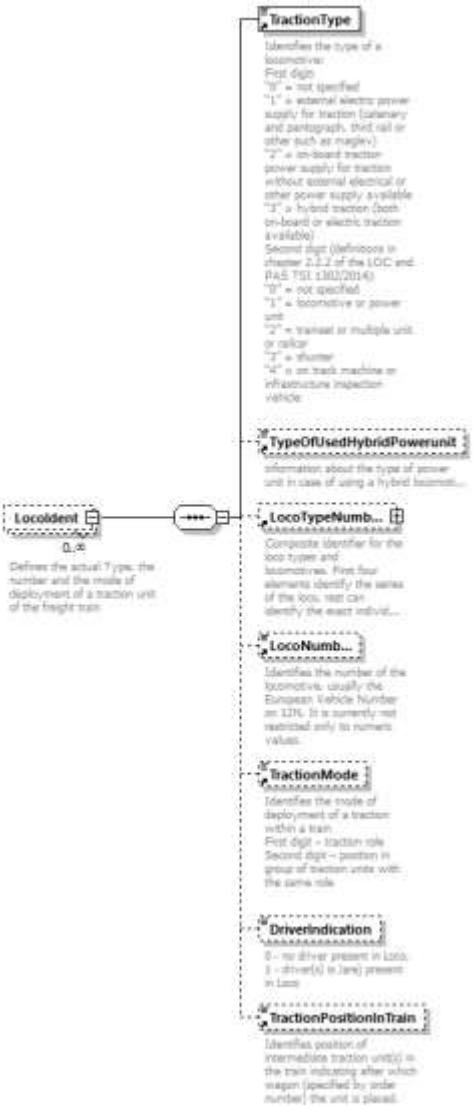
source

```
<xs:element name="TrainCompositionJourneySection">
  <xs:annotation>
    <xs:documentation>Defines the make up of a train for each section of its
journey</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="JourneySection"/>
      <xs:element ref="TrainRunningData"/>
      <xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>Defines the actual Type, the number and the mode
of deployment of a traction unit of the freight train</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="TractionType"/>
            <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/>
            <xs:element ref="LocoTypeNumber" minOccurs="0"/>
            <xs:element ref="LocoNumber" minOccurs="0"/>
            <xs:element ref="TractionMode" minOccurs="0"/>
            <xs:element name="DriverIndication" minOccurs="0">
              <xs:annotation>
                <xs:documentation>0 - no driver present in Loco, 1 -
driver(s) is /are) present in Loco</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:integer">
```

```
                    <xs:enumeration value="0"/>
                    <xs:enumeration value="1"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element ref="TractionPositionInTrain" minOccurs="0"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element ref="LivestockOrPeopleIndicator" minOccurs="0"
maxOccurs="1"/>
        <xs:element ref="WagonData" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
</xs:element>
```

element **TrainCompositionJourneySection/LocoIdent**

diagram



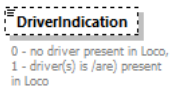
namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties	minOcc 0 maxOcc unbounded content complex
children	**TractionType TypeOfUsedHybridPowerunit LocoTypeNumber LocoNumber TractionMode DriverIndication TractionPositionInTrain**
annotation	documentation Defines the actual Type, the number and the mode of deployment of a traction unit of the freight train

source

```
<xs:element name="LocoIdent" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>Defines the actual Type, the number and the mode of
deployment of a traction unit of the freight train</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="TractionType"/>
      <xs:element ref="TypeOfUsedHybridPowerunit" minOccurs="0"/>
      <xs:element ref="LocoTypeNumber" minOccurs="0"/>
      <xs:element ref="LocoNumber" minOccurs="0"/>
      <xs:element ref="TractionMode" minOccurs="0"/>
      <xs:element name="DriverIndication" minOccurs="0">
        <xs:annotation>
          <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is
/are) present in Loco</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:enumeration value="0"/>
            <xs:enumeration value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="TractionPositionInTrain" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainCompositionJourneySection/LocoIdent/DriverIndication**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
annotation	documentation 0 - no driver present in Loco, 1 - driver(s) is /are) present in Loco

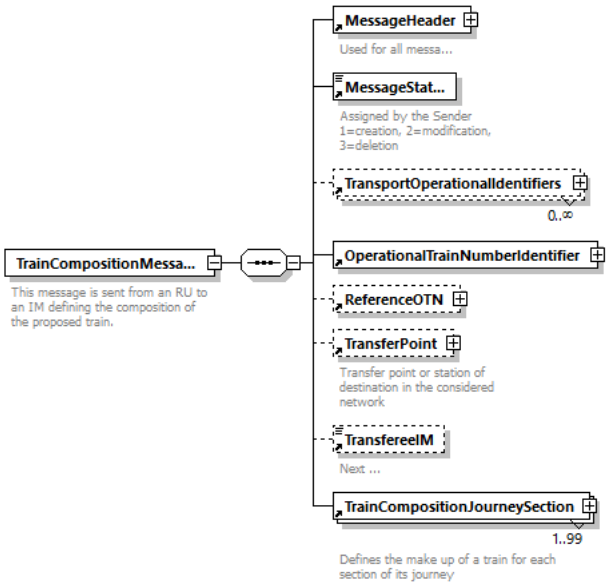
source

```
<xs:element name="DriverIndication" minOccurs="0">
  <xs:annotation>
    <xs:documentation>0 - no driver present in Loco, 1 - driver(s) is /are)
```

```
present in Loco</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0"/>
      <xs:enumeration value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TrainCompositionMessage**

diagram



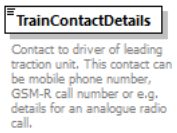
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **MessageStatus** **TransportOperationalIdentifiers** **OperationalTrainNumberIdentifier** **ReferenceOTN** **TransferPoint** **TransfereeIM** **TrainCompositionJourneySection**
annotation	documentation This message is sent from an RU to an IM defining the composition of the proposed train.

source

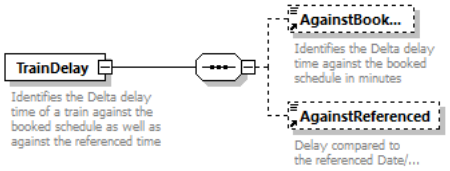
```
<xs:element name="TrainCompositionMessage">
  <xs:annotation>
    <xs:documentation>This message is sent from an RU to an IM defining the
composition of the proposed train.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element 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>
```

element **TrainContactDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CommunicationRefID**
properties	content simple
used by	element **TrainReadyMessage**
facets	Kind Value Annotation minLength 1 maxLength 70
annotation	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.
source	<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>

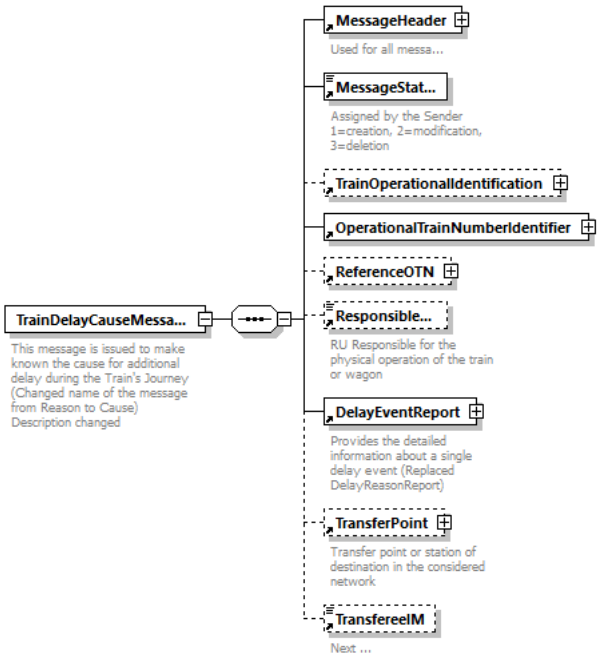
element **TrainDelay**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**AgainstBooked** **AgainstReferenced**
used by	elements **TrainAtLocation** **TrainLocationReport** **TrainReadyMessage/TrainReadyStatus** **TrainReadyStatus**
annotation	documentation Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time
source	<xs:element name="TrainDelay"> <xs:annotation> <xs:documentation>Identifies the Delta delay time of a train against the booked schedule as well as against the referenced time </xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="AgainstBooked" minOccurs="0"/>

```
      <xs:element ref="AgainstReferenced" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Delay compared to the referenced
Date/Time</xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainDelayCauseMessage**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **MessageStatus** **TrainOperationalIdentification** **OperationalTrainNumberIdentifier** **ReferenceOTN** **ResponsibleRU** **DelayEventReport** **TransferPoint** **TransfereeIM**
annotation	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

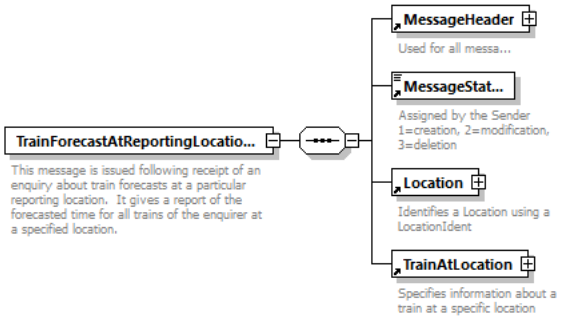
source

```
<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:element ref="ResponsibleRU" minOccurs="0"/>
```

```
      <xs:element ref="DelayEventReport"/>
      <xs:element ref="TransferPoint" minOccurs="0"/>
      <xs:element ref="TransfereeIM" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainForecastAtReportingLocationMessage**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

properties: content complex

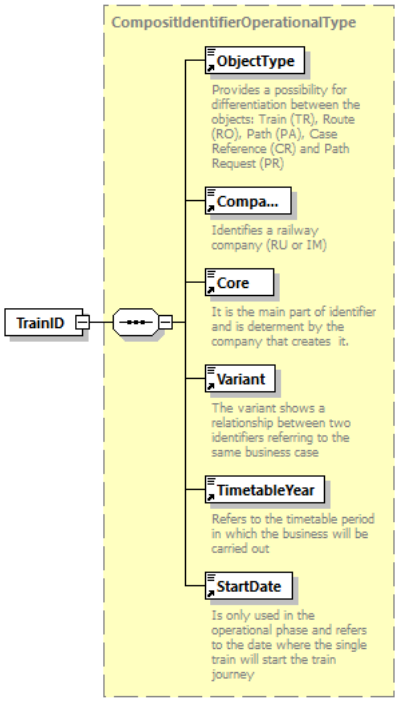
children: **MessageHeader MessageStatus Location TrainAtLocation**

annotation:
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.

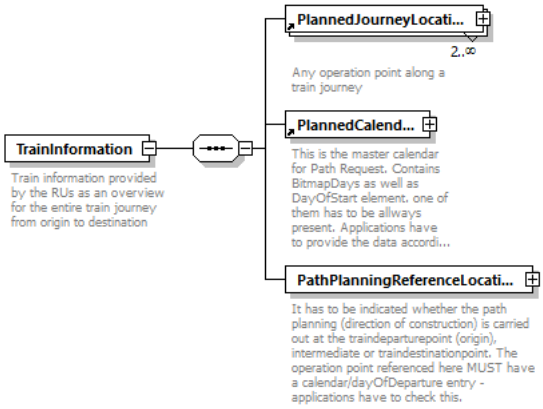
source

```
<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>
```

element **TrainID**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CompositIdentifierOperationalType**
properties	content complex
children	**ObjectType Company Core Variant TimetableYear StartDate**
used by	elements **ArrivalInterchangeReport DepartureInterchangeReport**
source	`<xs:element name="TrainID" type="CompositIdentifierOperationalType"/>`

element **TrainInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**PlannedJourneyLocation PlannedCalendar PathPlanningReferenceLocation**
used by	element **PathRequestMessage**

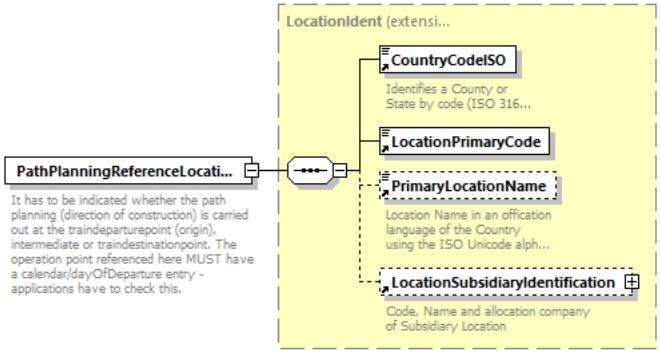
annotation	documentation Train information provided by the RUs as an overview for the entire train journey from origin to destination

source

```
<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
allways 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:complexType>
          <xs:complexContent>
            <xs:extension base="LocationIdent"/>
          </xs:complexContent>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

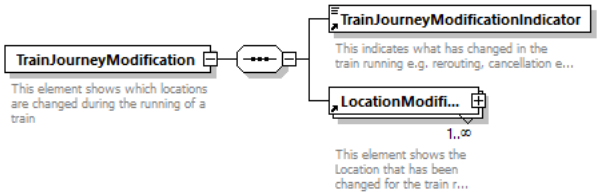
element **TrainInformation/PathPlanningReferenceLocation**

diagram

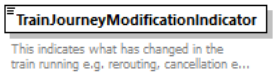


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
annotation	documentation It has to be indicated whether the path planning (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.
source	<xs:element name="PathPlanningReferenceLocation"> <xs:annotation> <xs:documentation>It has to be indicated whether the path planning (direction of construction) is carried out at the traindeparturepoint (origin), intermediate or traindestinationpoint. The operation point referenced here MUST have a calendar/dayOfDeparture entry - applications have to check this.</xs:documentation> </xs:annotation> <xs:complexType> <xs:complexContent> <xs:extension base="LocationIdent"/> </xs:complexContent> </xs:complexType> </xs:element>

element **TrainJourneyModification**

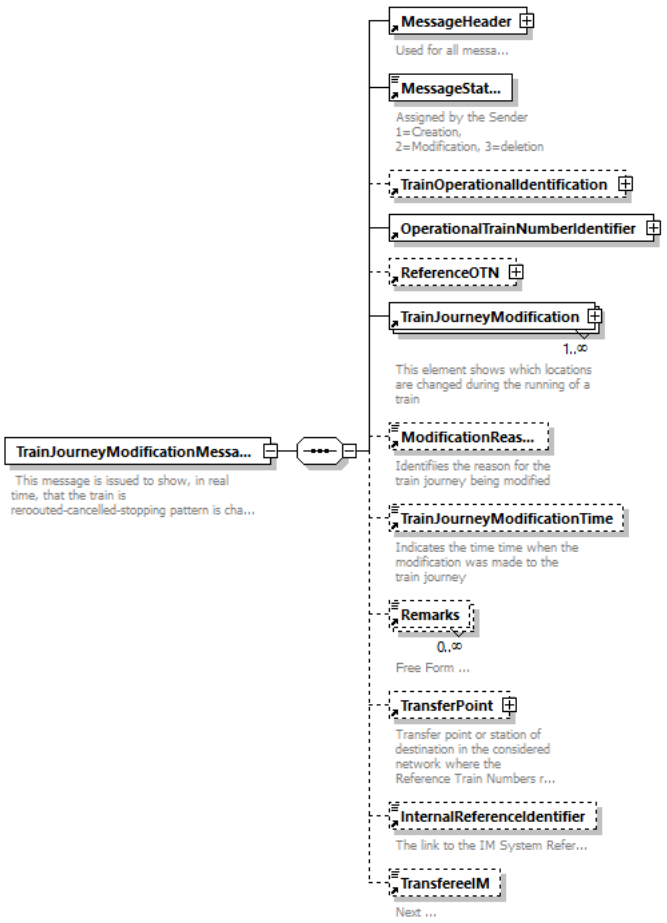
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TrainJourneyModificationIndicator** **LocationModified**
used by	element **TrainJourneyModificationMessage**
annotation	documentation This element shows which locations are changed during the running of a train
source	<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>

element **TrainJourneyModificationIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **TrainJourneyModification**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99
annotation	documentation This indicates what has changed in the train running e.g. rerouting, cancellation etc..

source	`<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:maxInclusive value="99"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

element **TrainJourneyModificationMessage**

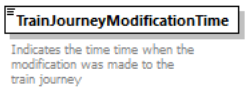
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **MessageStatus** **TrainOperationalIdentification** **OperationalTrainNumberIdentifier** **ReferenceOTN** **TrainJourneyModification** **ModificationReason** **TrainJourneyModificationTime** **Remarks** **TransferPoint** **InternalReferenceIdentifier** **TransfereeIM**
annotation	documentation This message is issued to show, in real time, that the train is reroouted-cancelled-stopping pattern is changed

source

```
<xs:element name="TrainJourneyModificationMessage">
  <xs:annotation>
    <xs:documentation> This message is issued to show, in real time, that
the train is reroouted-cancelled-stopping pattern is
changed</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="MessageStatus">
        <xs:annotation>
          <xs:documentation>Assigned by the Sender 1=Creation,
2=Modification, 3=deletion </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="TrainOperationalIdentification" minOccurs="0"/>
      <xs:element ref="OperationalTrainNumberIdentifier"/>
```

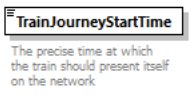
```
      <xs:element ref="ReferenceOTN" minOccurs="0"/>
      <xs:element ref="TrainJourneyModification" maxOccurs="unbounded"/>
      <xs:element ref="ModificationReason" minOccurs="0"/>
      <xs:element ref="TrainJourneyModificationTime" minOccurs="0"/>
      <xs:element ref="Remarks" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="TransferPoint" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Transfer point or station of destination in the
considered network where the Reference Train Numbers refers to
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="InternalReferenceIdentifier" minOccurs="0"/>
      <xs:element ref="TransfereeIM" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainJourneyModificationTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **TrainJourneyStartTime**

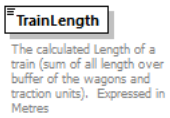
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
annotation	documentation The precise time at which the train should present itself on the network

source	`<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>
```

element **TrainLength**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: **Numeric4-4**

properties: content simple

used by: elements **PlannedTrainTechnicalData** **TrainRunningTechData**

facets

Kind	Value	Annotation
minInclusive	0001	
maxInclusive	9999	

annotation

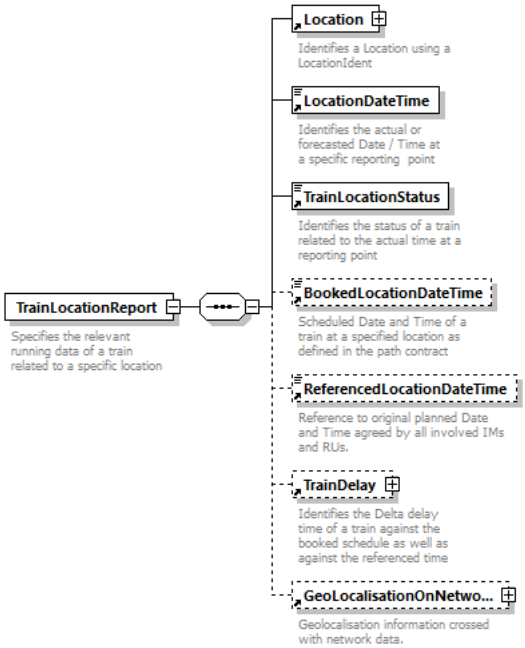
documentation
The calculated Length of a train (sum of all length over buffer of the wagons and traction units). Expressed in Metres

source

```
<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>
```

element **TrainLocationReport**

diagram



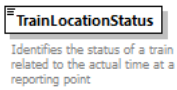
namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

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

```
<xs:element name="TrainLocationReport">
  <xs:annotation>
    <xs:documentation>Specifies the relevant running data of a train related
to a specific location</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Location"/>
      <xs:element ref="LocationDateTime"/>
      <xs:element ref="TrainLocationStatus"/>
      <xs:element ref="BookedLocationDateTime" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Scheduled Date and Time of a train at a
specified location as defined in the path contract</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="ReferencedLocationDateTime" minOccurs="0"/>
      <xs:element ref="TrainDelay" minOccurs="0"/>
      <xs:element ref="GeoLocalisationOnNetwork" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainLocationStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**RunningStatus**
properties	content simple
used by	elements **ChangeofTrackMessage** **DelayEventReport** **LocationModified** **TrainAtLocation** **TrainLocationReport**

facets

Kind	Value	Annotation
enumeration	00	documentation Not specified
enumeration	01	documentation Arrival at destination
enumeration	02	documentation Departure at origin
enumeration	03	documentation Intermediate arrival
enumeration	04	documentation Intermediate departure
enumeration	05	documentation Pass through
enumeration	06	documentation NEW CODES: Some IMs are transmitting these codes (6 - 9)

	enumeration 07 enumeration 08 enumeration 09 enumeration 10 documentation: Not specified for wagon enumeration 11 documentation: Wagon arrival at its destination by train enumeration 12 documentation: Wagon departure from its station of origin by train enumeration 13 documentation: Wagon arrival at reporting point by train enumeration 14 documentation: Wagon departure from reporting point by train enumeration 15 documentation: Wagon run-through at reporting point by train enumeration 16 documentation: Wagon parked at reporting point enumeration 17 documentation: Wagon shunted at reporting point enumeration 18 documentation: Wagon arrived at reporting point enumeration 19 documentation: Wagon departure from reporting point
annotation	documentation Identifies the status of a train related to the actual time at a reporting point

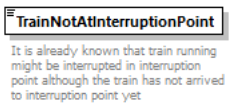
source	`<xs:element name="TrainLocationStatus" type="RunningStatus">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies the status of a train related to the actual time at a reporting point</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **TrainMaxSpeed**

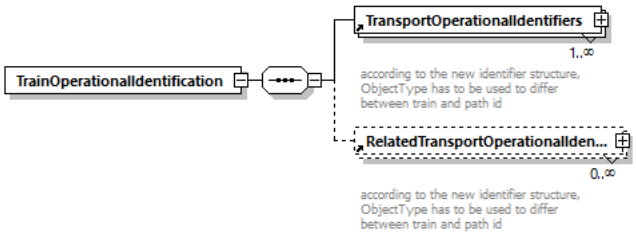
diagram	TrainMaxSpeed The max. possible speed of a train in km/h
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Speed**
properties	content simple
used by	elements **PlannedTrainTechnicalData** **TrainRunningTechData**
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation The max. possible speed of a train in km/h

source	`<xs:element name="TrainMaxSpeed" type="Speed">`
	`  <xs:annotation>`
	`  <xs:documentation>The max. possible speed of a train in km/h</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **TrainNotAtInterruptionPoint**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind Value Annotation minInclusive 1 maxInclusive 1
annotation	documentation It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet
source	<xs:element name="TrainNotAtInterruptionPoint"> <xs:annotation> <xs:documentation>It is already known that train running might be interrupted in interruption point although the train has not arrived to interruption point yet</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

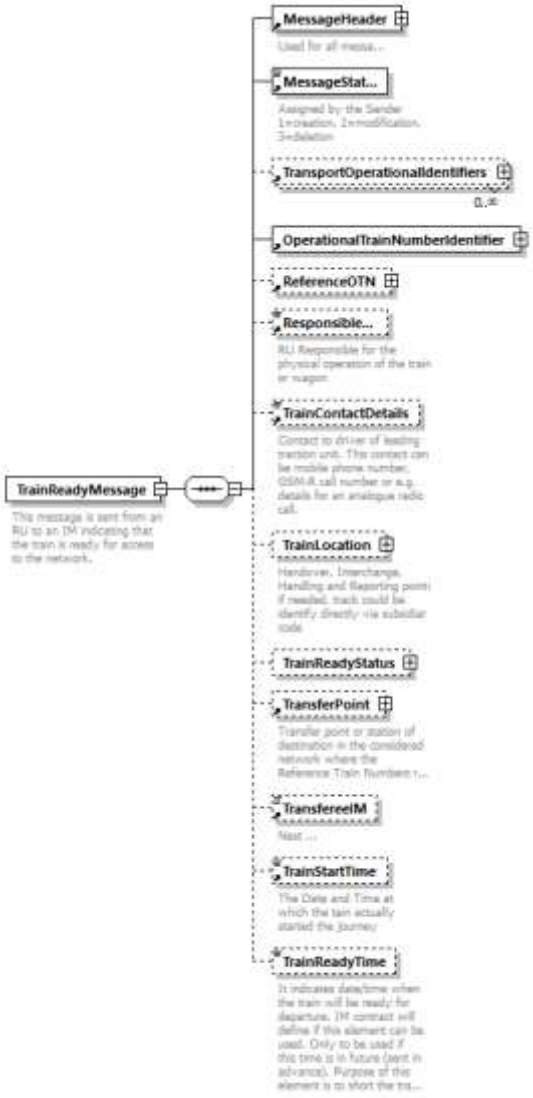
element **TrainOperationalIdentification**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TransportOperationalIdentifiers** **RelatedTransportOperationalIdentifiers**
used by	elements **ChangeofTrackMessage** **TrainAtLocation** **TrainDelayCauseMessage** **TrainJourneyModificationMessage** **TrainRunningForecastMessage** **TrainRunningInformationMessage** **TrainRunningInterruptionMessage**
source	<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>
```

element **TrainReadyMessage**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex

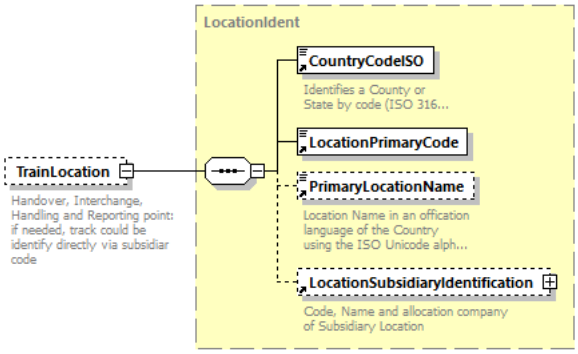
children	MessageHeader **MessageStatus** TransportOperationalIdentifiers OperationalTrainNumberIdentifier ReferenceOTN ResponsibleRU TrainContactDetails TrainLocation TrainReadyStatus TransferPoint TransfereeIM TrainStartTime TrainReadyTime
annotation	documentation This message is sent from an RU to an IM indicating that the train is ready for access to the network.

source

```
<xs:element name="TrainReadyMessage">
  <xs:annotation>
    <xs:documentation>This message is sent from an RU to an IM indicating
that the train is ready for access to the network.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="MessageStatus"/>
      <xs:element ref="TransportOperationalIdentifiers" minOccurs="0"
maxOccurs="unbounded"/>
      <xs:element ref="OperationalTrainNumberIdentifier"/>
      <xs:element ref="ReferenceOTN" minOccurs="0"/>
      <xs:element ref="ResponsibleRU" minOccurs="0"/>
      <xs:element ref="TrainContactDetails" minOccurs="0"/>
      <xs:element name="TrainLocation" type="LocationIdent" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Handover, Interchange, Handling and Reporting
point: if needed, track could be identify directly via subsidiar code
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="TrainReadyStatus" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="TrainReady">
              <xs:annotation>
                <xs:documentation>0=Not Ready 1=Ready</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:integer">
                  <xs:enumeration value="0"/>
                  <xs:enumeration value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="TrainDelay" minOccurs="0"/>
            <xs:element name="TrainNotReadyDescription" type="FreeText"
minOccurs="0">
              <xs:annotation>
                <xs:documentation>Description of the reason why the train is
not ready.</xs:documentation>
              </xs:annotation>
            </xs:element>
            <xs:element ref="DelayCause" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="TransferPoint" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Transfer point or station of destination in the
considered network where the Reference Train Numbers refers to
```

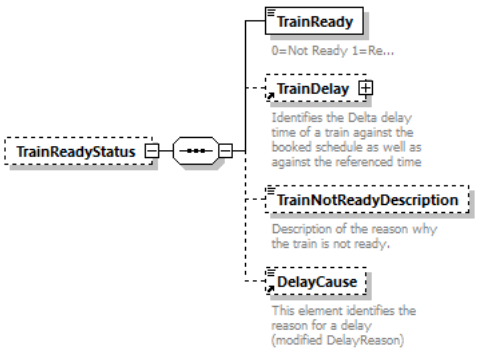
```
</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="TransfereeIM" minOccurs="0"/>
      <xs:element ref="TrainStartTime" minOccurs="0"/>
      <xs:element name="TrainReadyTime" type="xs:dateTime" minOccurs="0">
        <xs:annotation>
          <xs:documentation>It indicates date/time when the train will be
ready for departure. IM contract will define if this element can be used.
Only to be used if this time is in future (sent in advance). Purpose of this
element is to short the train stay. </xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainReadyMessage/TrainLocation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

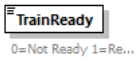
source	`<xs:element name="TrainLocation" type="LocationIdent" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Handover, Interchange, Handling and Reporting point: if needed, track could be identify directly via subsidiar code`
	`</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **TrainReadyMessage/TrainReadyStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 1 content complex
children	**TrainReady** **TrainDelay** **TrainNotReadyDescription** **DelayCause**

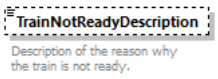
source	`<xs:element name="TrainReadyStatus" minOccurs="0">`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element name="TrainReady">`
	`<xs:annotation>`
	`<xs:documentation>0=Not Ready 1=Ready</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:integer">`
	`<xs:enumeration value="0"/>`
	`<xs:enumeration value="1"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`<xs:element ref="TrainDelay" minOccurs="0"/>`
	`<xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Description of the reason why the train is not ready.</xs:documentation>`
	`</xs:annotation>`
	`</xs:element>`
	`<xs:element ref="DelayCause" minOccurs="0"/>`
	`</xs:sequence>`
	`</xs:complexType>`
	`</xs:element>`

element **TrainReadyMessage/TrainReadyStatus/TrainReady**

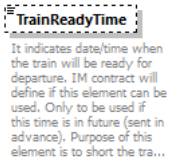
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple

facets	Kind Value Annotation enumeration 0 enumeration 1
annotation	documentation 0=Not Ready 1=Ready
source	<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>

element **TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription**

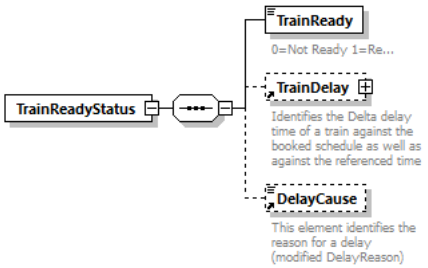
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Description of the reason why the train is not ready.
source	<xs:element name="TrainNotReadyDescription" type="FreeText" minOccurs="0"> <xs:annotation> <xs:documentation>Description of the reason why the train is not ready.</xs:documentation> </xs:annotation> </xs:element>

element **TrainReadyMessage/TrainReadyTime**

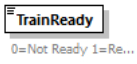
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	minOcc 0 maxOcc 1 content simple

annotation	documentation It indicates date/time when the train will be ready for departure. IM contract will define if this element can be used. Only to be used if this time is in future (sent in advance). Purpose of this element is to short the train stay.
source	<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>

element **TrainReadyStatus**

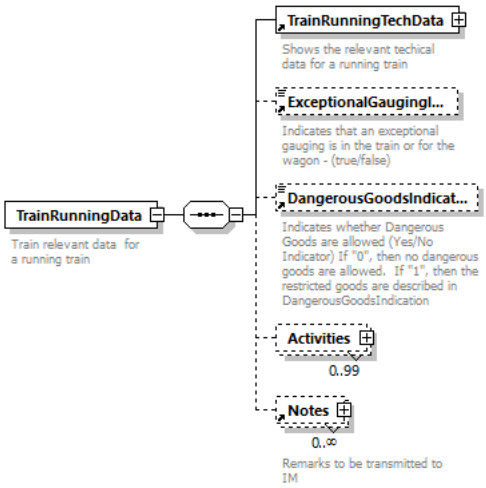
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TrainReady TrainDelay DelayCause**
source	<xs:element name="TrainReadyStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </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>

element **TrainReadyStatus/TrainReady**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

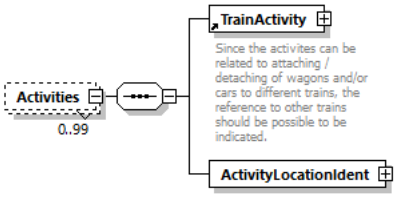
type	restriction of **xs:integer**
properties	content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
annotation	documentation 0=Not Ready 1=Ready
source	<xs:element name="TrainReady"> <xs:annotation> <xs:documentation>0=Not Ready 1=Ready</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **TrainRunningData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TrainRunningTechData** **ExceptionalGaugingInd** **DangerousGoodsIndicator** **Activities** **Notes**
used by	element **TrainCompositionJourneySection**
annotation	documentation Train relevant data for a running train
source	<xs:element name="TrainRunningData"> <xs:annotation> <xs:documentation>Train relevant data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainRunningTechData"/> <xs:element ref="ExceptionalGaugingInd" minOccurs="0"/>

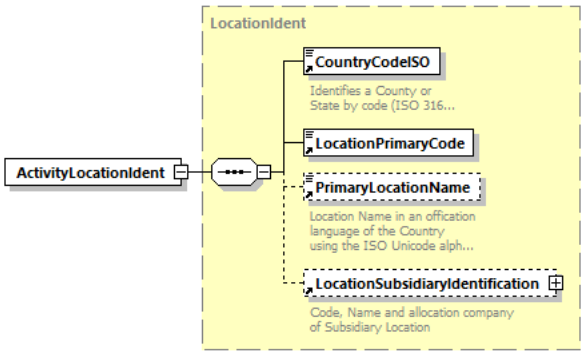
```
      <xs:element ref="DangerousGoodsIndicator" minOccurs="0"/>
      <xs:element name="Activities" minOccurs="0" maxOccurs="99">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="TrainActivity"/>
            <xs:element name="ActivityLocationIdent" type="LocationIdent"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="Notes" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainRunningData/Activities**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 99 content complex
children	**TrainActivity** **ActivityLocationIdent**

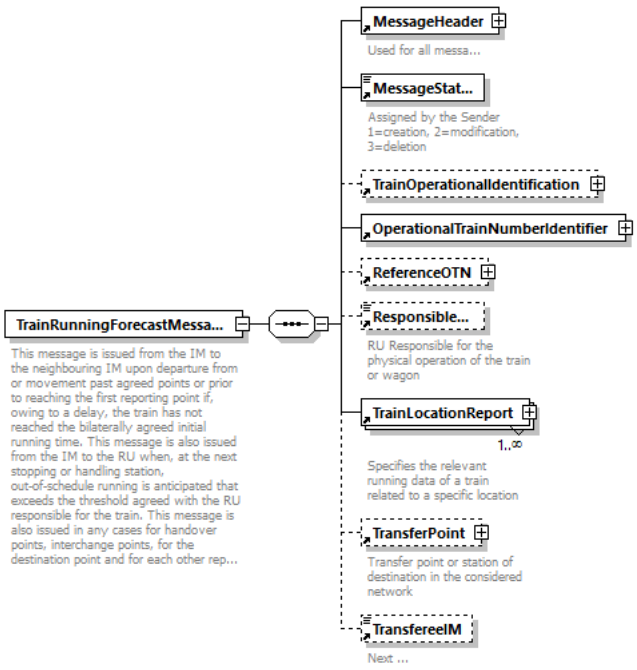
source	`<xs:element name="Activities" minOccurs="0" maxOccurs="99">`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="TrainActivity"/>`
	`  <xs:element name="ActivityLocationIdent" type="LocationIdent"/>`
	`  </xs:sequence>`
	`  </xs:complexType>`
	`</xs:element>`

element **TrainRunningData/Activities/ActivityLocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**

properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
source	`<xs:element name="ActivityLocationIdent" type="LocationIdent"/>`

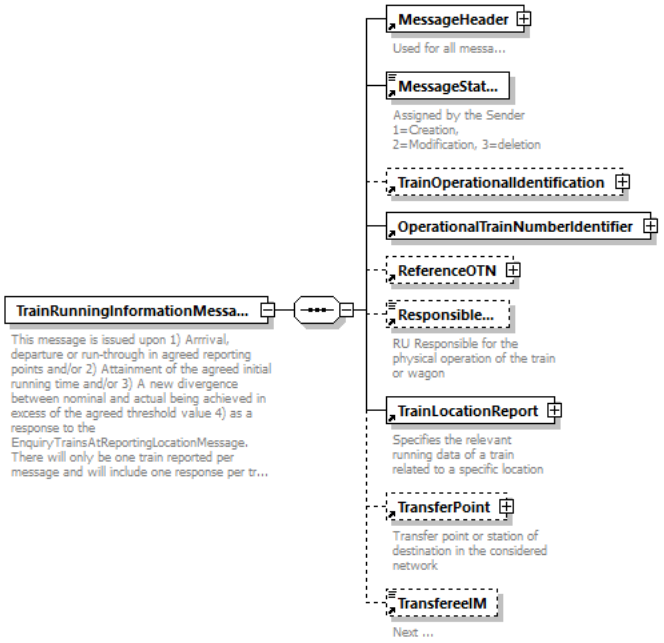
element **TrainRunningForecastMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **MessageStatus** **TrainOperationalIdentification** **OperationalTrainNumberIdentifier** **ReferenceOTN** **ResponsibleRU** **TrainLocationReport** **TransferPoint** **TransfereeIM**
annotation	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
source	`<xs:element name="TrainRunningForecastMessage">` `<xs:annotation>` `<xs: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</xs:documentation>` `</xs:annotation>` `<xs:complexType>` `<xs:sequence>`

```
      <xs:element ref="MessageHeader"/>
      <xs:element ref="MessageStatus"/>
      <xs:element ref="TrainOperationalIdentification" minOccurs="0"/>
      <xs:element ref="OperationalTrainNumberIdentifier"/>
      <xs:element ref="ReferenceOTN" minOccurs="0"/>
      <xs:element ref="ResponsibleRU" minOccurs="0"/>
      <xs:element ref="TrainLocationReport" maxOccurs="unbounded"/>
      <xs:element ref="TransferPoint" minOccurs="0"/>
      <xs:element ref="TransfereeIM" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainRunningInformationMessage**

diagram



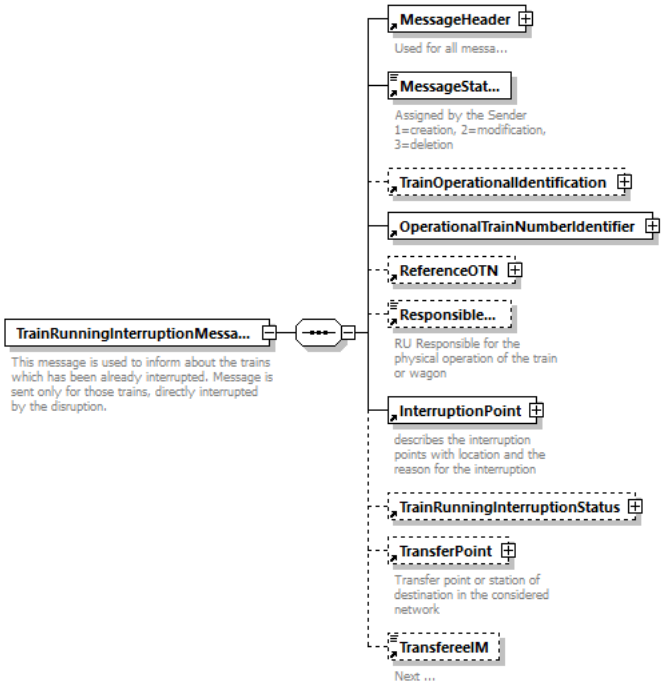
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **MessageStatus** **TrainOperationalIdentification** **OperationalTrainNumberIdentifier** **ReferenceOTN** **ResponsibleRU** **TrainLocationReport** **TransferPoint** **TransfereeIM**
annotation	documentation This message is issued upon 1) Arrrival, 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.

source

```
<xs:element name="TrainRunningInformationMessage">
  <xs:annotation>
    <xs:documentation>This message is issued upon 1) Arrrival, departure or
run-through in agreed reporting points and/or 2) Attainment of the agreed
initial running time and/or 3) A new divergence between nominal and actual
being achieved in excess of the agreed threshold value 4) as a response to
the EnquiryTrainsAtReportingLocationMessage.  There will only be one train
reported per message and will include one response per train at a
location.</xs:documentation>
  </xs:annotation>
```

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

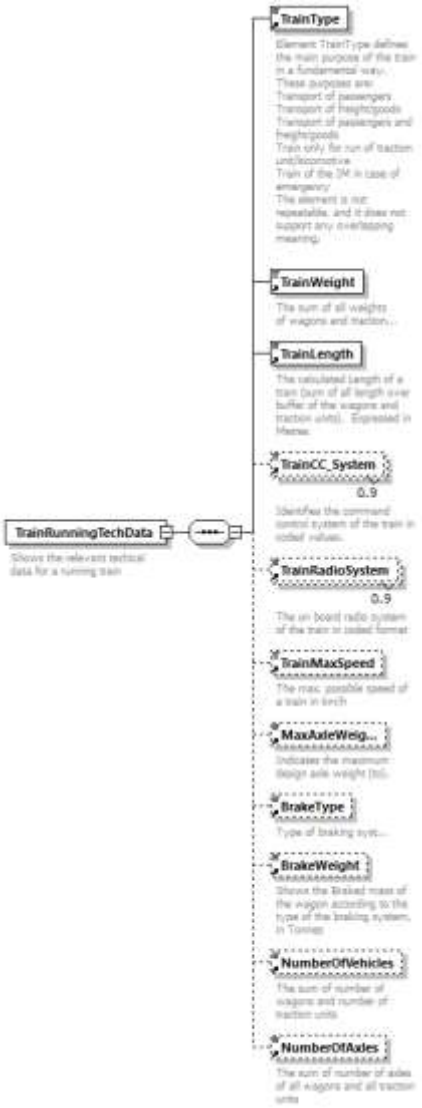
element **TrainRunningInterruptionMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **MessageStatus** **TrainOperationalIdentification** **OperationalTrainNumberIdentifier** **ReferenceOTN** **ResponsibleRU** **InterruptionPoint** **TrainRunningInterruptionStatus** **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	`<xs:element name="TrainRunningInterruptionMessage">`
	`  <xs:annotation>`
	`  <xs:documentation>This message is used to inform about the trains which`

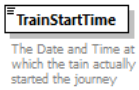
```
has been already interrupted. Message is sent only for those trains,
directly interrupted by the disruption. </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="MessageStatus"/>
      <xs:element ref="TrainOperationalIdentification" 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="TrainRunningInterruptionStatus" minOccurs="0"/>
      <xs:element ref="TransferPoint" minOccurs="0"/>
      <xs:element ref="TransfereeIM" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainRunningTechData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TrainType** **TrainWeight** **TrainLength** **TrainCC_System** **TrainRadioSystem** **TrainMaxSpeed** **MaxAxleWeight** **BrakeType** **BrakeWeight** **NumberOfVehicles** **NumberOfAxles**
used by	element **TrainRunningData**
annotation	documentation Shows the relevant techical data for a running train
source	<xs:element name="TrainRunningTechData"> <xs:annotation> <xs:documentation>Shows the relevant techical data for a running train</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="TrainType"/> <xs:element ref="TrainWeight"/> <xs:element ref="TrainLength"/> <xs:element ref="TrainCC_System" minOccurs="0" maxOccurs="9"/>

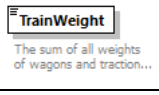
```
      <xs:element ref="TrainRadioSystem" minOccurs="0" maxOccurs="9"/>
      <xs:element ref="TrainMaxSpeed" minOccurs="0"/>
      <xs:element ref="MaxAxleWeight" minOccurs="0"/>
      <xs:element ref="BrakeType" minOccurs="0"/>
      <xs:element ref="BrakeWeight" minOccurs="0"/>
      <xs:element ref="NumberOfVehicles" minOccurs="0"/>
      <xs:element ref="NumberOfAxles" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainStartTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
used by	element **TrainReadyMessage**
annotation	documentation The Date and Time at which the tain actually started the journey

source	`<xs:element name="TrainStartTime" type="xs:dateTime">`
	`  <xs:annotation>`
	`  <xs:documentation>The Date and Time at which the tain actually started the journey</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **TrainWeight**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **WeightValueTonne**
properties	content simple
used by	elements **PlannedTrainTechnicalData** **TrainRunningTechData**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation The sum of all weights of wagons and traction units

source	`<xs:element name="TrainWeight">`
	`  <xs:annotation>`
	`  <xs:documentation>The sum of all weights of wagons and traction units</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`

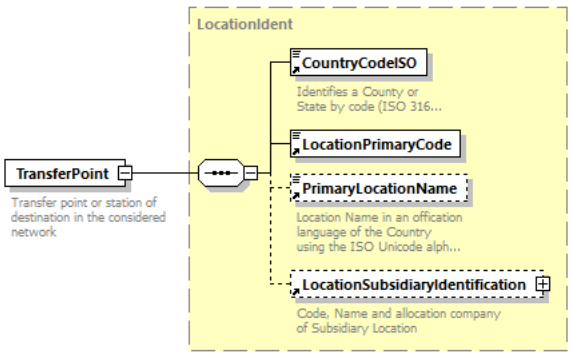
```
    <xs:restriction base="WeightValueTonne">
      <xs:maxInclusive value="99999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TransfereeIM**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="TransfereeIM" type="CompanyCode">`
	`  <xs:annotation>`
	`  <xs:documentation>Next IM</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **TransferPoint**

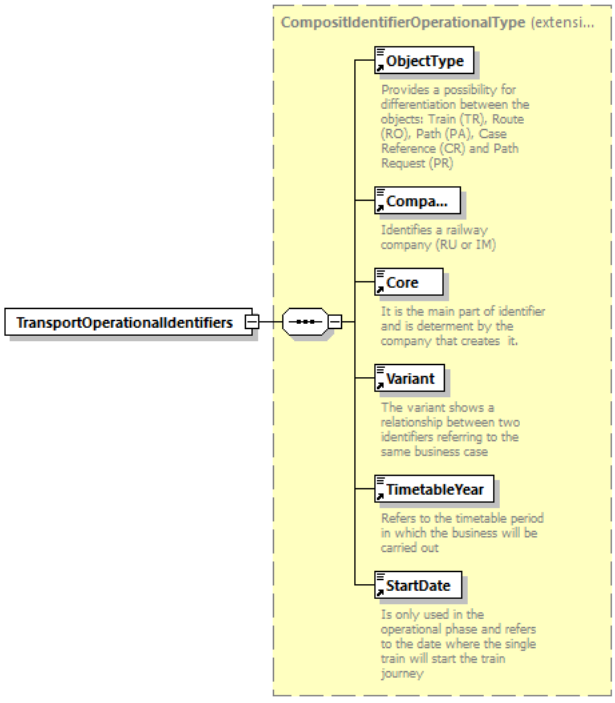
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**LocationIdent**
properties	content complex
children	**CountryCodeISO** **LocationPrimaryCode** **PrimaryLocationName** **LocationSubsidiaryIdentification**
used by	elements **ChangeofTrackMessage** **TrainCompositionMessage** **TrainDelayCauseMessage** **TrainJourneyModificationMessage** **TrainReadyMessage** **TrainRunningForecastMessage** **TrainRunningInformationMessage** **TrainRunningInterruptionMessage**
annotation	documentation Transfer point or station of destination in the considered network

source	<xs:element name="TransferPoint" type="LocationIdent"> <xs:annotation> <xs:documentation>Transfer point or station of destination in the considered network</xs:documentation> </xs:annotation> </xs:element>

element **TransportInstruction**

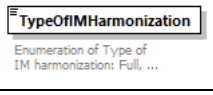
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**FreeText**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Special instructions regarding the transportation of the wagon or shipment in free text
source	<xs:element name="TransportInstruction" 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>

element **TransportOperationalIdentifiers**

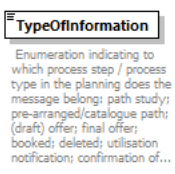
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **CompositIdentifierOperationalType**
properties	content complex
children	**ObjectType Company Core Variant TimetableYear StartDate**
used by	elements **ErrorMessage TrainCompositionMessage TrainOperationalIdentification TrainReadyMessage**
source	`<xs:element name="TransportOperationalIdentifiers"> <xs:complexType> <xs:complexContent> <xs:extension base="CompositIdentifierOperationalType"/> </xs:complexContent> </xs:complexType> </xs:element>`

element **TypeOfIMHarmonization**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**TypeOfIMHarmonizationCode**
properties	content simple
used by	elements **PathDetailsMessage PathRequestMessage**
facets	Kind Value Annotation enumeration Full enumeration Part
annotation	documentation Enumeration of Type of IM harmonization: Full, Part
source	`<xs:element name="TypeOfIMHarmonization" type="TypeOfIMHarmonizationCode"> <xs:annotation> <xs:documentation>Enumeration of Type of IM harmonization: Full, Part </xs:documentation> </xs:annotation> </xs:element>`

element **TypeOfInformation**

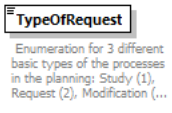
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**TypeOfInformationCode**
properties	content simple
used by	elements **PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage**

facets	Kind	Value	Annotation
	minInclusive	0	
	maxInclusive	99	
	enumeration	1	documentation harmonisation - in process
	enumeration	2	documentation harmonisation - accepted
	enumeration	3	documentation harmonisation - rejected
	enumeration	4	documentation Request ready
	enumeration	5	documentation path study request
	enumeration	6	documentation pre-arranged path/reserve capacity
	enumeration	7	documentation create offer
	enumeration	8	documentation coordination update
	enumeration	9	documentation draft offer
	enumeration	10	documentation draft alternative offer
	enumeration	11	documentation observation - in process
	enumeration	12	documentation observation - complete
	enumeration	13	documentation preparation of final offer - in process
	enumeration	14	documentation preparation of final offer - accepted
	enumeration	15	documentation preparation of final offer - rejected
	enumeration	16	documentation final offer
	enumeration	17	documentation final offer - accepted
	enumeration	18	documentation alternative offer accepted
	enumeration	19	documentation pre-accepted offer
	enumeration	20	documentation Final Offer rejected
	enumeration	21	documentation no alternative available
	enumeration	22	documentation booked
	enumeration	23	documentation preparation of draft alternative offer is in progress
	enumeration	24	documentation alternative offer triggered by IM
	enumeration	25	documentation offer/final offer rejected (without revision)
	enumeration	26	documentation alternative offer rejected (without revision)
	enumeration	27	documentation offer/final offer rejected (revision required)
	enumeration	28	documentation alternative offer rejected (revision required)
	enumeration	29	documentation withdrawal
	enumeration	30	documentation Create Dossier

	enumeration 31 documentation Close Dossier enumeration 32 documentation Path canceled full enumeration 33 documentation Path canceled partial enumeration 40 documentation Fully Assembled Path (FAP, constructed path) enumeration 42 documentation Preparation of draft offer – accepted enumeration 43 documentation Preparation of draft offer – rejected enumeration 44 documentation Draft offer rejected enumeration 45 documentation Draft no alternative available enumeration 50 documentation activate path (utilisation notification) enumeration 51 documentation deactivate path (utilisation notification) enumeration 52 documentation confirmation of utilisation notification enumeration 53 documentation Path and train cancelled enumeration 65 documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) enumeration 66 documentation Booked after route update (used in PathDetailsMessage)
annotation	documentation Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation

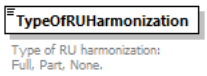
source	`<xs:element name="TypeOfInformation" type="TypeOfInformationCode">`
	`  <xs:annotation>`
	`  <xs:documentation> Enumeration indicating to which process step / process type in the planning does the message belong: path study; pre-arranged/catalogue path; (draft) offer; final offer; booked; deleted; utilisation notification; confirmation of utilisation confirmation</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **TypeOfRequest**

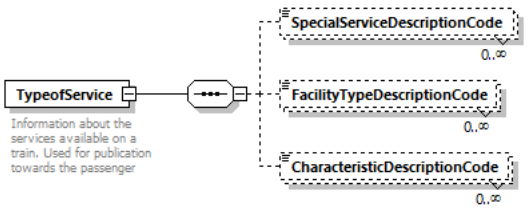
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**TypeOfRequestCode**
properties	content simple
used by	elements **PathCanceledMessage PathConfirmedMessage PathDetailsMessage PathDetailsRefusedMessage PathNotAvailableMessage PathRequestMessage ReceiptConfirmationMessage**
facets	Kind Value Annotation minInclusive 1 enumeration 1 documentation

	Study enumeration 2 documentation Request enumeration 3 documentation Modification
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)
source	<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>

element **TypeOfRUHarmonization**

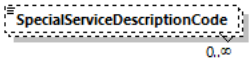
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**TypeOfRUHarmonizationCode**
properties	content simple
used by	elements **PathDetailsMessage** **PathRequestMessage**
facets	Kind Value Annotation enumeration Full enumeration Part enumeration None
annotation	documentation Type of RU harmonization: Full, Part, None.
source	<xs:element name="TypeOfRUHarmonization" type="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> </xs:element>

element **TypeofService**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**SpecialServiceDescriptionCode** **FacilityTypeDescriptionCode** **CharacteristicDescriptionCode**
used by	element **PlannedTrainData**

annotation	documentation Information about the services available on a train. Used for publication towards the passenger
source	<xs:element name="TypeofService"> <xs:annotation> <xs:documentation>Information about the services available on a train. Used for publication towards the passenger</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element>

element **TypeofService/SpecialServiceDescriptionCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**type7161CodeList**
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation maxLength 3 enumeration 00 documentation Alternative service documentation The journey planner algorithm should look for an alternative Service documentation 0 enumeration 3 documentation Additional loading documentation Additional loading of vehicles on a train of accompanied motorcars documentation 0 enumeration 4 documentation Additional unloading documentation Additional unloading of vehicles from a train of accompanied motorcars documentation 0 enumeration 5 documentation Breakfast documentation Breakfast documentation 0 enumeration 6 documentation Dinner documentation

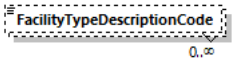
			Dinner documentation 0
	enumeration	7	documentation Loading documentation Loading of vehicles on a train of accompanied motorcars documentation 0
	enumeration	8	documentation Lunch documentation Lunch documentation 0
	enumeration	9	documentation Unloading documentation Unloading of vehicles from a train of accompanied motorcars documentation 0
	enumeration	11	documentation Child documentation Services for children documentation 0
	enumeration	21	documentation Cold buffet documentation Cold buffet service documentation 0
	enumeration	22	documentation Restaurant in 1st class only documentation Restaurant service in 1st class only documentation 0
	enumeration	23	documentation Hot buffet documentation Hot buffet service documentation 0
	enumeration	24	documentation Meal included for 1st class passengers documentation Meal service included for 1st class passengers documentation 0
	enumeration	25	documentation Trolley documentation Trolley service (beverage and food cart) documentation 0
	enumeration	26	documentation Snack documentation Snack documentation 0

	enumeration	27	documentation Disabled documentation Services for disabled persons documentation 0
	enumeration	28	documentation Movies documentation Movies documentation 0
	enumeration	29	documentation Business documentation Services for business people documentation 0
	enumeration	30	documentation Nursery documentation Nursery service documentation 0
	enumeration	31	documentation Buffet documentation Buffet documentation 0
	enumeration	32	documentation Special services for military documentation Special services for army families documentation 0
	enumeration	33	documentation Boarding possible 2 hours before departure documentation Boarding is possible 2 hours before departure documentation 0
	enumeration	34	documentation Alighting possible until 2 hours after arrival documentation Alighting is possible up to 2 hours after arrival documentation 0
	enumeration	35	documentation Boarding possible 30 minutes before departure documentation Boarding is possible 30 minutes before departure documentation 0
	enumeration	36	documentation Alighting possible until 30 minutes after arrival documentation Alighting is possible up to 30 minutes after arrival documentation 0
	enumeration	37	documentation Postal services documentation

			Postal services available documentation 0
	enumeration	38	documentation Meal at the seat documentation Meal is provided at the seat documentation 0
	enumeration	39	documentation Self service documentation Self service meals documentation 0
	enumeration	40	documentation Overnight stay documentation Overnight stay possible on board documentation 0
	enumeration	41	documentation Luggage transport documentation Luggage transport offered documentation 0
	enumeration	42	documentation Luggage transport excluded documentation Luggage transport is not offered documentation 0
	enumeration	43	documentation Music documentation Music documentation 0
	enumeration	44	documentation Check-in documentation Time at which the traveller checks in documentation 0
	enumeration	45	documentation Check-out documentation Time at which the traveller checks out documentation 0
	enumeration	46	documentation Free WiFi on board documentation Free WiFi service on board available documentation 0
	enumeration	47	documentation WiFi on board documentation WiFi service on board available documentation 0

	enumeration 48 documentation Warning! Service may be affected by strike action documentation Warning! Service may be affected by strike action documentation 0
source	`<xs:element name="SpecialServiceDescriptionCode" type="tap:type7161CodeList" minOccurs="0" maxOccurs="unbounded"/>`

element **TypeofService/FacilityTypeDescriptionCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**type9039CodeList**
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind Value Annotation maxLength 3 enumeration 2 documentation First-class sleepers documentation First-class sleepers documentation 0 enumeration 3 documentation Standard class sleepers documentation Standard class (second class) sleepers documentation 0 enumeration 4 documentation First-class seats documentation First-class seats documentation 0 enumeration 5 documentation Second-class seats documentation Second-class seats documentation Also: standard, etc. documentation 0 enumeration 6 documentation First-class couchettes documentation First-class couchettes documentation 0 enumeration 7 documentation Second-class couchettes documentation Second-class couchettes documentation 0

	enumeration	8	documentation Sleeperette documentation Sleeperette or reclining seat documentation 0
	enumeration	9	documentation Restaurant documentation Restaurant facility documentation 0
	enumeration	11	documentation First-class sleeper, single documentation First-class sleeper, single documentation 0
	enumeration	12	documentation First-class sleeper, special documentation First-class sleeper, special documentation 0
	enumeration	13	documentation First-class sleeper, double documentation First-class sleeper, double documentation 0
	enumeration	14	documentation Vehicle transport documentation Facilities for vehicle transport etc. Not bicycles. documentation Cars, boats, trailers, motorbikes, documentation 0
	enumeration	15	documentation Second-class, sleeper, T2 documentation Second-class sleeper, T2 (two-bed compartment) documentation 0
	enumeration	16	documentation Second-class sleeper, T3 documentation Second-class sleeper, T3 (three-bed compartment) documentation 0
	enumeration	17	documentation Second-class sleeper T4 documentation Second-class sleeper, T4 (four-bed compartment) documentation 0
	enumeration	18	documentation First-class sleeper, single, shower documentation First-class sleeper, single with shower documentation 0
	enumeration	19	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 0
	enumeration	33	documentation Video coach documentation Video coach available documentation 0
	enumeration	34	documentation Mini-bar documentation Mini-bar available documentation 0
	enumeration	36	documentation Panorama coach documentation Panorama coach available documentation 0
	enumeration	44	documentation Telephone documentation Telephone service is available documentation 0
	enumeration	45	documentation Power supply documentation Service provides power supply sockets

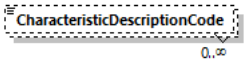
			documentation
			0
	enumeration	46	documentation
			Pullmann coach
			documentation
			Pullman car seats
			documentation
			0
	enumeration	47	documentation
			Bar
			documentation
			A bar is available
			documentation
			0
	enumeration	48	documentation
			Family compartment
			documentation
			Family compartment(s) available
			documentation
			0
	enumeration	50	documentation
			Buffet machine
			documentation
			Buffet machine available
			documentation
			0
	enumeration	54	documentation
			Premium class
			documentation
			A class with comfort level higher than first class Business, etc
			documentation
			Includes Comfort, Club, Pullman,
			documentation
			0
	enumeration	55	documentation
			Preferente
			documentation
			Spanish first class on long distance trains
			documentation
			RENFE
			documentation
			0
	enumeration	56	documentation
			Turista
			documentation
			Spanish second class on long distance trains
			documentation
			RENFE
			documentation
			0
	enumeration	57	documentation
			First-class sleeper, single, shower, WC
			documentation
			First-class sleeper, single with shower and WC
			documentation
			RENFE
			documentation
			0
	enumeration	58	documentation
			First-class sleeper, double shower, WC
			documentation
			First-class sleeper, double with shower and WC
			documentation

			RENFE
			documentation
			0
	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
			Second class compartment with 6 couchettes
			documentation
			0
	enumeration	65	documentation
			Second class couchette wheelchair
			documentation
			Second class couchette with wheelchair space
			documentation
			0
	enumeration	66	documentation
			Executive class
			documentation
			A class with comfort level higher than first class
			documentation
			Trenitalia
			documentation
			0
	enumeration	67	documentation
			Business class
			documentation
			First class
			documentation
			Trenitalia
			documentation
			0
	enumeration	68	documentation
			Premium class

			documentation
			A second class with comfort level higher than normal second class
			documentation
			Trenitalia
			documentation
			0
	enumeration	69	documentation
			Standard class
			documentation
			Trenitalia's normal second class
			documentation
			Trenitalia
			documentation
			0
	enumeration	70	documentation
			Unified class
			documentation
			For services with no class differentiation. A service with only one class
			documentation
			UIC
			documentation
			0
	enumeration	71	documentation
			Medical-grade masks
			documentation
			Medical-grade masks must be worn
			documentation
			0
	enumeration	72	documentation
			Mask obligation according to legal regulation
			documentation
			Mask obligation according to legal regulation
			documentation
			0
	enumeration	101	documentation
			Metro connection
			documentation
			Metro, subway, underground connection
			documentation
			Only used in TSDUPD
			documentation
			0
	enumeration	102	documentation
			Taxi connection
			documentation
			Taxi connection
			documentation
			Only used in TSDUPD
			documentation
			0
	enumeration	103	documentation
			Bus connection
			documentation
			Bus connections available
			documentation
			Used only in TSDUPD
			documentation
			0
	enumeration	104	documentation
			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 0
	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 0
source	<xs:element name="FacilityTypeDescriptionCode" type="tap:type9039CodeList" minOccurs="0" maxOccurs="unbounded"/>		

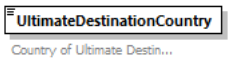
element **TypeofService/CharacteristicDescriptionCode**

diagram			
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3		
type	**type7037CodeList**		
properties	minOcc 0 maxOcc unbounded content simple		
facets	Kind	Value	Annotation
	maxLength	17	
	enumeration	6	documentation First class documentation First class accommodation documentation 0
	enumeration	7	documentation Second class documentation Second class accommodation documentation 0
	enumeration	11	documentation Reservation possible documentation Reservation is possible documentation

			0
	enumeration	12	documentation With supplement documentation A supplement is charged documentation 0
	enumeration	13	documentation Reservation compulsory documentation Reservation is compulsory documentation 0
	enumeration	14	documentation Reservation advised documentation Reservation is recommended documentation 0
	enumeration	15	documentation Reservation compulsory for parties documentation Reservation is compulsory for parties documentation 0
	enumeration	16	documentation Reservation compulsory in first-class documentation Reservation is compulsory in first-class documentation 0
	enumeration	17	documentation Group booking restricted documentation Booking by groups restricted documentation 0
	enumeration	18	documentation Groups not allowed documentation Groups of travellers are not allowed documentation 0
	enumeration	19	documentation No reservation documentation Reservation is not possible documentation 0
	enumeration	20	documentation Reservation in first class only documentation Reservation is only possible in first documentation 0
	enumeration	21	documentation Reservation compulsory from origin station documentation Reservation compulsory from origin station documentation 0
	enumeration	22	documentation Reservation allowed for certain classes/products

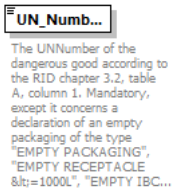
			documentation Reservation possible for some booking classes/products documentation 0
	enumeration	23	documentation Reservation in second class only documentation Reservation is only possible in second class. documentation 0
	enumeration	24	documentation Not available documentation The product is not available documentation 0
	enumeration	25	documentation Non-bookable documentation The product is not bookable documentation 0
	enumeration	26	documentation Bookable through an international reservation system documentation Bookable through an international reservation system documentation 0
	enumeration	27	documentation Bookable through a national reservation system documentation Bookable through a national reservation system documentation 0
	enumeration	28	documentation Bookable manually on the RU selling point documentation Bookable manually on the RU selling point documentation 0
source	<xs:element name="CharacteristicDescriptionCode" type="tap:type7037CodeList" minOccurs="0" maxOccurs="unbounded"/>		

element **UltimateDestinationCountry**

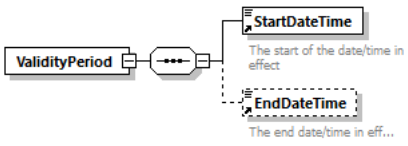
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**CountryIdentISO**
properties	content simple
used by	element **ITU_Details**
facets	Kind Value Annotation minLength 2 maxLength 2
annotation	documentation Country of Ultimate Destination

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	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType> </xs:element>

element **ValidityPeriod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex

children	**StartDateTime** **EndDateTime**
used by	elements **LocationPrimaryInformation** **LocationSubsidiaryInformation** **PlannedCalendar** **ReferenceTrainIDSubCalendar** **RequestedCalendar**

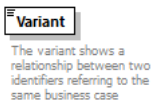
source	`<xs:element name="ValidityPeriod">`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="StartDateTime"/>`
	`  <xs:element ref="EndDateTime" minOccurs="0"/>`
	`  </xs:sequence>`
	`  </xs:complexType>`
	`</xs:element>`

element **Value**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	content simple
used by	elements **Height** **Length** **Width**
facets	Kind / Value / Annotation minInclusive 0 maxInclusive 9999999999 fractionDigits 1

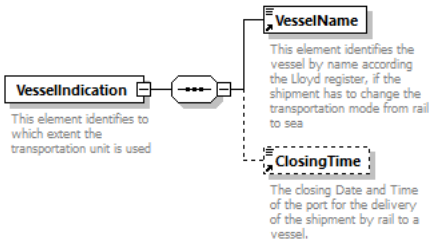
source	`<xs:element name="Value">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:decimal">`
	`  <xs:minInclusive value="0"/>`
	`  <xs:fractionDigits value="1"/>`
	`  <xs:maxInclusive value="9999999999"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **Variant**

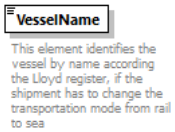
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
used by	complexTypes **CompositIdentifierOperationalType** **CompositIdentifierPlannedType**
facets	Kind / Value / Annotation minLength 2 maxLength 2 pattern [0-9A-Z]{2}

annotation	documentation The variant shows a relationship between two identifiers referring to the same business case
source	<xs:element name="Variant"> <xs:annotation> <xs:documentation>The variant shows a relationship between two identifiers referring to the same business case</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="2"/> <xs:pattern value="[0-9A-Z]{2}"/> </xs:restriction> </xs:simpleType> </xs:element>

element **VesselIndication**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>

element **VesselName**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

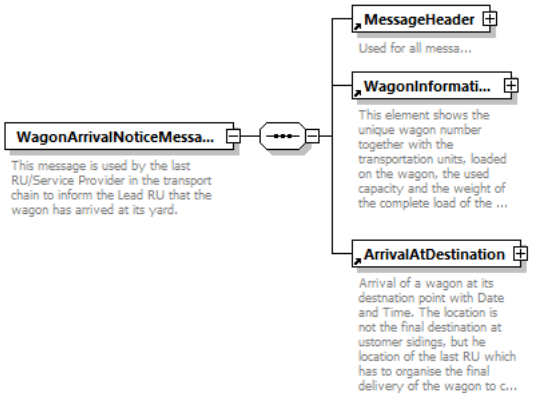
source	`<xs:element name="VesselName" type="Name">`
	`  <xs:annotation>`
	`  <xs:documentation>This element identifies the vessel by name according the Lloyd register, if the shipment has to change the transportation mode from rail to sea</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **Volume**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**VolumeValue**
properties	content simple
annotation	documentation Identifies the volume of a shipment, expressed in cubic metres

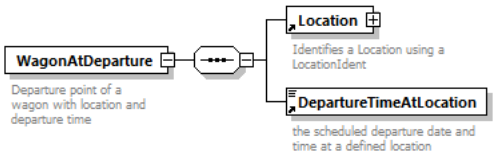
source	`<xs:element name="Volume" type="VolumeValue">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies the volume of a shipment, expressed in cubic metres</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **WagonArrivalNoticeMessage**

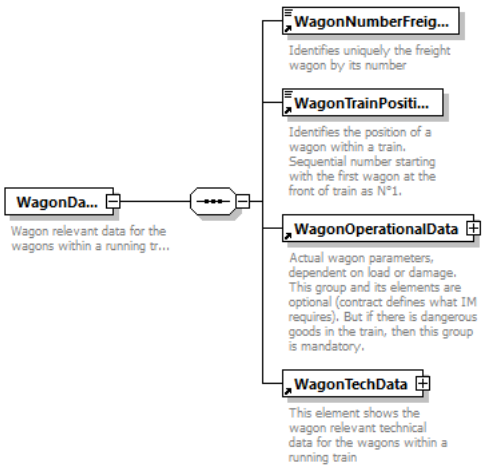
diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **WagonInformation** **ArrivalAtDestination**
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 arrived at its yard.
source	<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>

element **WagonAtDeparture**

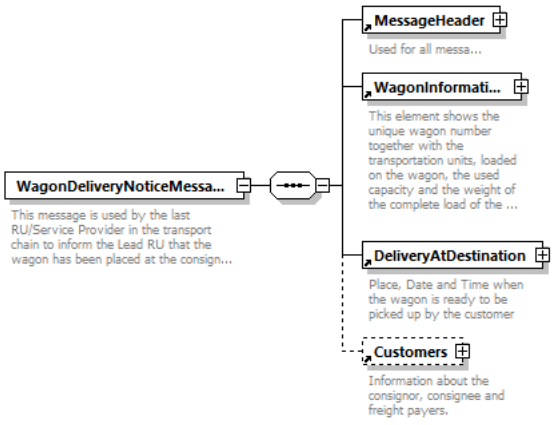
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **DepartureTimeAtLocation**
used by	element **WagonDepartureNoticeMessage**
annotation	documentation Departure point of a wagon with location and departure time
source	<xs:element name="WagonAtDeparture"> <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>

element **WagonData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **WagonDeliveryNoticeMessage**

diagram	

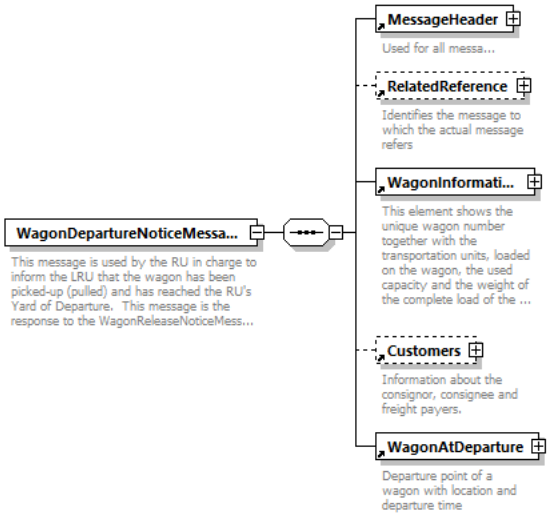
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **WagonInformation** **DeliveryAtDestination** **Customers**
annotation	documentation This message is used by the last RU/Service Provider in the transport chain to inform the Lead RU that the wagon has been placed at the consignee's siding.

source

```
<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>
```

element **WagonDepartureNoticeMessage**

diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **RelatedReference** **WagonInformation** **Customers** **WagonAtDeparture**
annotation	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.

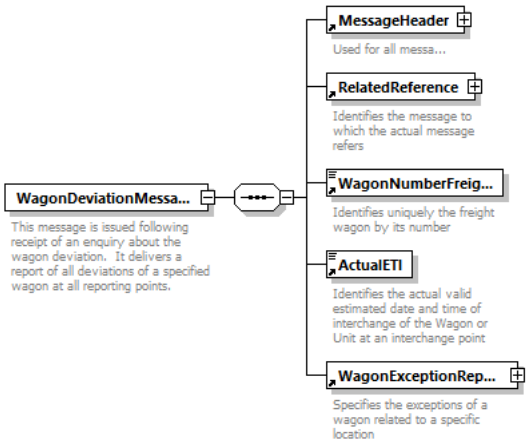
source

```
<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:element>
```

element **WagonDeviationMessage**

diagram

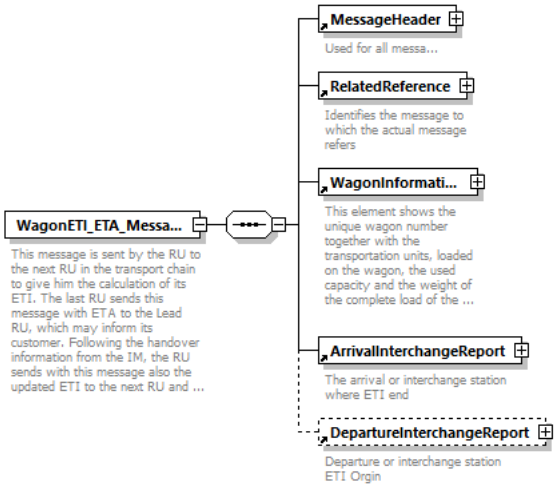


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader RelatedReference WagonNumberFreight ActualETI WagonExceptionReport**
annotation	documentation This message is issued following receipt of an enquiry about the wagon deviation. It delivers a report of all deviations of a specified wagon at all reporting points.

source

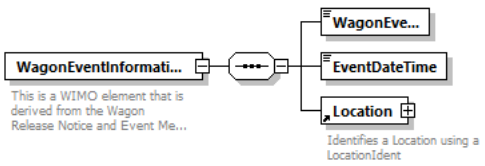
```
<xs:element name="WagonDeviationMessage">
  <xs:annotation>
    <xs:documentation>This message is issued following receipt of an enquiry
about the wagon deviation.  It delivers a report of all deviations of a
specified wagon at all reporting points.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <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>
```

element **WagonETI_ETA_Message**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader RelatedReference WagonInformation ArrivalInterchangeReport DepartureInterchangeReport**
annotation	documentation This message is sent by the RU to the next RU in the transport chain to give him the calculation of its ETI. The last RU sends this message with ETA to the Lead RU, which may inform its customer. Following the handover information from the IM, the RU sends with this message also the updated ETI to the next RU and the last RU sends the updated ETA to the LRU.

source	`<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>`

element **WagonEventInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

properties	content complex
children	**WagonEvent** **EventDateTime** **Location**
used by	element **WIMO_Dataset/EventLevelData**
annotation	documentation This is a WIMO element that is derived from the Wagon Release Notice and Event Messages

source

```
<xs:element name="WagonEventInformation">
  <xs:annotation>
    <xs:documentation>This is a WIMO element that is derived from the Wagon
Release Notice and Event Messages</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="WagonEvent">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="Release"/>
            <xs:enumeration value="Arrival"/>
            <xs:enumeration value="Departure"/>
            <xs:enumeration value="Exception"/>
            <xs:enumeration value="Delivery"/>
            <xs:enumeration value="InterchangeDelivery"/>
            <xs:enumeration value="InterchangeReceipt"/>
            <xs:enumeration value="YardDeparture"/>
            <xs:enumeration value="YardArrival"/>
            <xs:enumeration value="DeliveryConfirmation"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="EventDateTime" type="xs:dateTime"/>
      <xs:element ref="Location"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **WagonEventInformation/WagonEvent**

diagram	WagonEve...
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple

facets

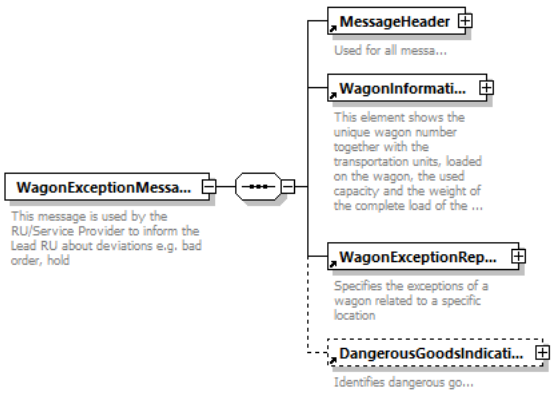
Kind	Value	Annotation
enumeration	Release	
enumeration	Arrival	
enumeration	Departure	
enumeration	Exception	
enumeration	Delivery	
enumeration	InterchangeDelivery	
enumeration	InterchangeReceipt	
enumeration	YardDeparture	
enumeration	YardArrival	

	enumeration DeliveryConfirmation
source	<xs:element name="WagonEvent"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="Release"/> <xs:enumeration value="Arrival"/> <xs:enumeration value="Departure"/> <xs:enumeration value="Exception"/> <xs:enumeration value="Delivery"/> <xs:enumeration value="InterchangeDelivery"/> <xs:enumeration value="InterchangeReceipt"/> <xs:enumeration value="YardDeparture"/> <xs:enumeration value="YardArrival"/> <xs:enumeration value="DeliveryConfirmation"/> </xs:restriction> </xs:simpleType> </xs:element>

element **WagonEventInformation/EventDateTime**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:dateTime**
properties	content simple
source	<xs:element name="EventDateTime" type="xs:dateTime"/>

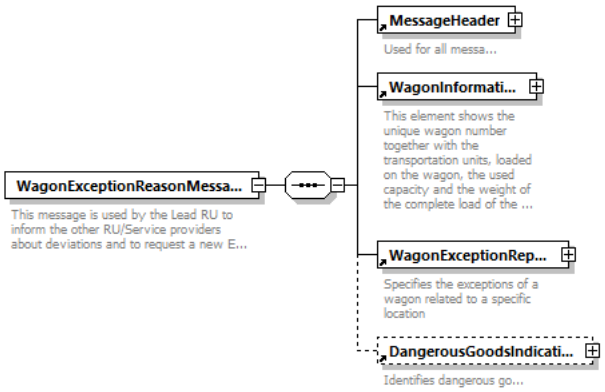
element **WagonExceptionMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **WagonInformation** **WagonExceptionReport** **DangerousGoodsIndication**
annotation	documentation This message is used by the RU/Service Provider to inform the Lead RU about deviations e.g. bad order, hold
source	<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>
```

element **WagonExceptionReasonMessage**

diagram

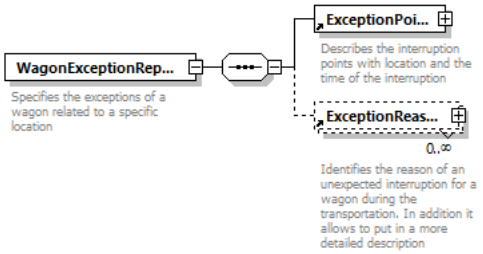


namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **WagonInformation** **WagonExceptionReport** **DangerousGoodsIndication**
annotation	documentation This message is used by the Lead RU to inform the other RU/Service providers about deviations and to request a new ETI/ETA.

source

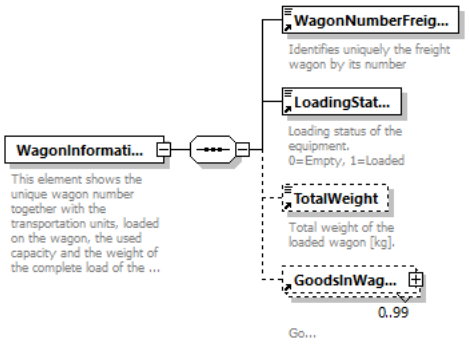
```
<xs:element name="WagonExceptionReasonMessage">
  <xs:annotation>
    <xs:documentation>This message is used by the Lead RU to inform the
other RU/Service providers about deviations and to request a new
ETI/ETA.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="WagonInformation"/>
      <xs:element ref="WagonExceptionReport"/>
      <xs:element ref="DangerousGoodsIndication" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **WagonExceptionReport**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**ExceptionPoint** **ExceptionReason**
used by	elements **WagonDeviationMessage** **WagonExceptionMessage** **WagonExceptionReasonMessage**
annotation	documentation Specifies the exceptions of a wagon related to a specific location

source	`<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>`

element **WagonInformation**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**WagonNumberFreight** **LoadingStatus** **TotalWeight** **GoodsInWagon**
used by	elements **WIMO_Dataset/ConsignmentLevelData** **WagonArrivalNoticeMessage** **WagonDeliveryNoticeMessage** **WagonDepartureNoticeMessage** **WagonETI_ETA_Message** **WagonExceptionMessage** **WagonExceptionReasonMessage** **WagonReleaseNoticeMessage**
annotation	documentation This element shows the unique wagon number together with the transportation units, loaded on the wagon, the used capacity and the weight of the complete load of the wagon

source

```
<xs:element name="WagonInformation">
  <xs:annotation>
    <xs:documentation>This element shows the unique wagon number together
with the transportation units, loaded on the wagon, the used capacity and
the weight of the complete load of the wagon</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="WagonNumberFreight"/>
      <xs:element ref="LoadingStatus"/>
      <xs:element ref="TotalWeight" minOccurs="0"/>
      <xs:element ref="GoodsInWagon" minOccurs="0" maxOccurs="99"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **WagonLength**

diagram

namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:int**

properties: content simple

used by: element **Wagons/WagonDetails/WagonTypeDetails**

facets

Kind	Value	Annotation
minInclusive	1	
maxInclusive	999999	

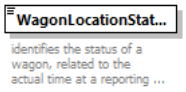
annotation: documentation
Length over buffers in cms

source

```
<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>
```

element **WagonLocationStatus**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

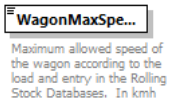
type: **RunningStatus**

properties: content simple

used by	element **ExceptionPoint**
facets	Kind Value Annotation enumeration 00 documentation Not specified enumeration 01 documentation Arrival at destination enumeration 02 documentation Departure at origin enumeration 03 documentation Intermediate arrival enumeration 04 documentation Intermediate departure enumeration 05 documentation Pass through enumeration 06 documentation NEW CODES: Some IMs are transmitting these codes (6 - 9) enumeration 07 enumeration 08 enumeration 09 enumeration 10 documentation Not specified for wagon enumeration 11 documentation Wagon arrival at its destination by train enumeration 12 documentation Wagon departure from its station of origin by train enumeration 13 documentation Wagon arrival at reporting point by train enumeration 14 documentation Wagon departure from reporting point by train enumeration 15 documentation Wagon run-through at reporting point by train enumeration 16 documentation Wagon parked at reporting point enumeration 17 documentation Wagon shunted at reporting point enumeration 18 documentation Wagon arrived at reporting point enumeration 19 documentation Wagon departure from reporting point
annotation	documentation identifies the status of a wagon, related to the actual time at a reporting point

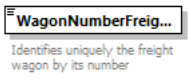
source	`<xs:element name="WagonLocationStatus" type="RunningStatus">`
	`  <xs:annotation>`
	`  <xs:documentation>identifies the status of a wagon, related to the actual time at a reporting point</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **WagonMaxSpeed**

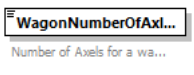
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**

properties	content simple
used by	element **WagonOperationalData**
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Maximum allowed speed of the wagon according to the load and entry in the Rolling Stock Databases. In kmh
source	<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>

element **WagonNumberFreight**

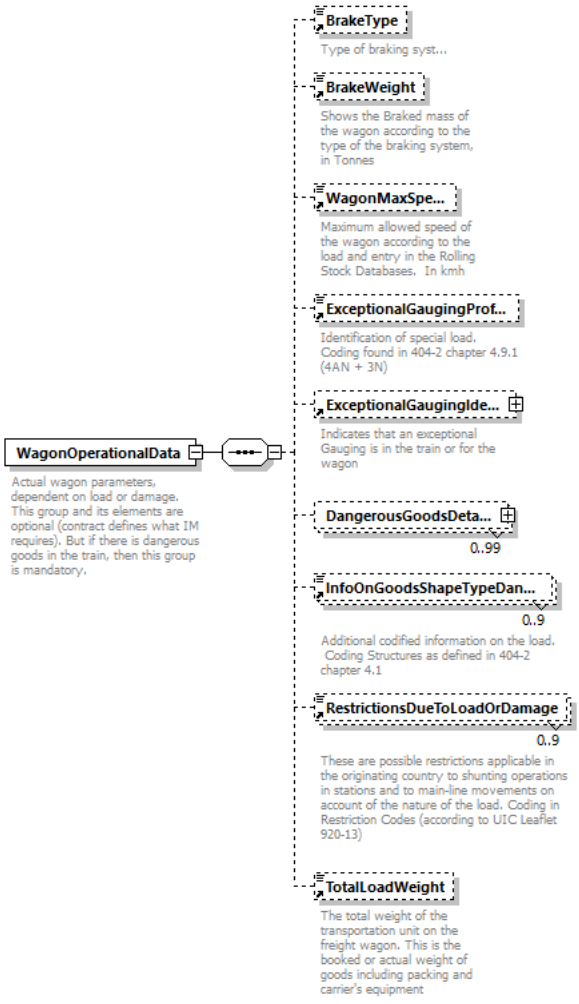
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WagonIdent**
properties	content simple
used by	elements **RollingStockDataset/AdministrativeDataSet** **AlertMessage** **RollingStockDatasetMessage/RefusedWagonNumbers** **RollingStockDatasetQueryMessage** **WagonData** **WagonDeviationMessage** **WagonInformation** **Wagons** **WagonYardArrivalMessage** **WagonYardDepartureMessage**
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
annotation	documentation Identifies uniquely the freight wagon by its number
source	<xs:element name="WagonNumberFreight" type="WagonIdent"> <xs:annotation> <xs:documentation>Identifies uniquely the freight wagon by its number</xs:documentation> </xs:annotation> </xs:element>

element **WagonNumberOfAxles**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="WagonNumberOfAxles"> <xs:annotation> <xs:documentation>Number of Axels for a wagon</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="2"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:element>

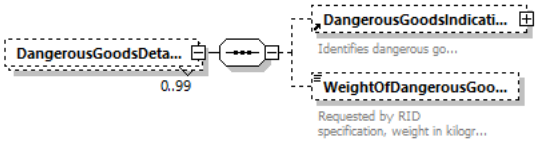
element **WagonOperationalData**

diagram	

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	

```
<xs:element name="WagonOperationalData">
  <xs:annotation>
    <xs:documentation>Actual wagon parameters, dependent on load or damage.
This group and its elements are optional (contract defines what IM
requires). But if there is dangerous goods in the train, then this group is
mandatory.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="BrakeType" minOccurs="0"/>
      <xs:element ref="BrakeWeight" minOccurs="0"/>
      <xs:element ref="WagonMaxSpeed" minOccurs="0"/>
      <xs:element ref="ExceptionalGaugingProfile" minOccurs="0"/>
      <xs:element ref="ExceptionalGaugingIdent" minOccurs="0"/>
      <xs:element 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>
```

element **WagonOperationalData/DangerousGoodsDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 99 content complex
children	**DangerousGoodsIndication** **WeightOfDangerousGoods**

source	`<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>`

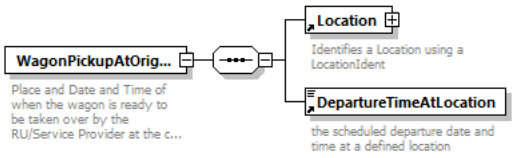
element **WagonOperationalData/DangerousGoodsDetails/WeightOfDangerousGoods**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind — Value — Annotation minInclusive 0 maxInclusive 999999 totalDigits 6
annotation	documentation Requested by RID specification, weight in kilograms

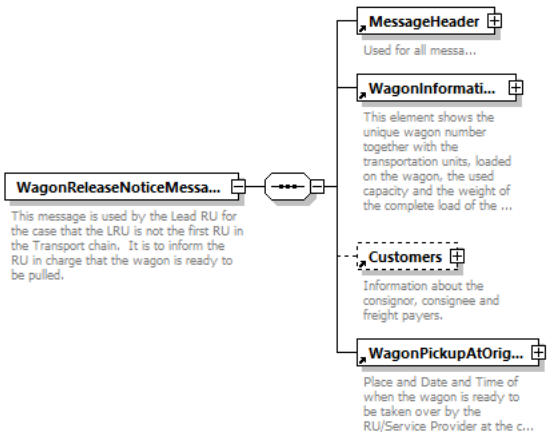
source	`<xs:element name="WeightOfDangerousGoods" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation>Requested by RID specification, weight in kilograms</xs:documentation>`
	`</xs:annotation>`

```
  <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>
```

element **WagonPickupAtOrigin**

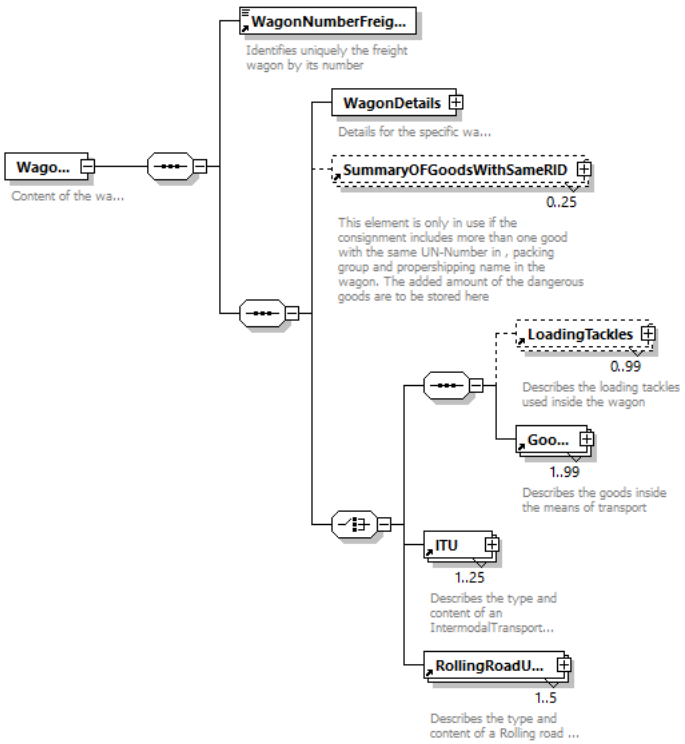
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **DepartureTimeAtLocation**
used by	element **WagonReleaseNoticeMessage**
annotation	documentation Place and Date and Time of when the wagon is ready to be taken over by the RU/Service Provider at the customer sidings
source	<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>

element **WagonReleaseNoticeMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

element **Wagons**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**WagonNumberFreight** **WagonDetails** **SummaryOFGoodsWithSameRID** **LoadingTackles** **Goods** **ITU** **RollingRoadUnit**
used by	element **ConsignmentOrderMessage/COMS/COM**
annotation	documentation Content of the wagon

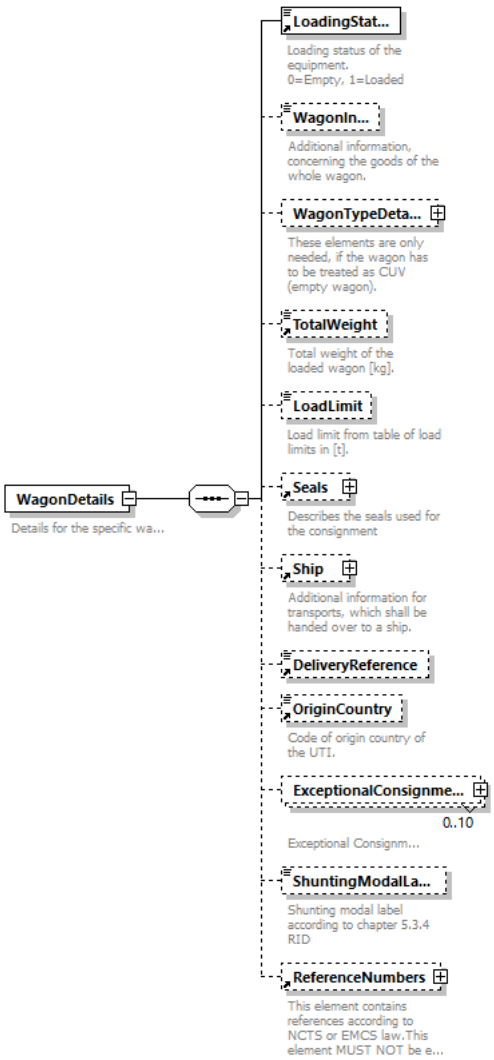
source

```
<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 base="xs:string">
                      <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 to be treated as CUV (empty wagon).</xs:documentation>
                  </xs:annotation>
                  <xs:complexType>
                    <xs:sequence>
                      <xs:element ref="WagonWeightEmpty"/>
                      <xs:element ref="WagonNumberOfAxles"/>
                      <xs:element ref="WagonLength"/>
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
                <xs:element ref="TotalWeight" minOccurs="0"/>
                <xs:element name="LoadLimit" minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>Load limit from table of load limits in
[t].</xs:documentation>
                  </xs:annotation>
                  <xs:simpleType>
                    <xs:restriction base="xs:decimal">
                      <xs:minInclusive value="0"/>
                      <xs:totalDigits value="4"/>
                    </xs:restriction>
                  </xs:simpleType>
                </xs:element>
                <xs:element ref="Seals" minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
                  </xs:annotation>
                </xs:element>
                <xs:element ref="Ship" minOccurs="0">
                  <xs:annotation>
                    <xs:documentation>Additional information for transports,
which shall be handed over to a ship.</xs:documentation>
                  </xs:annotation>
                </xs:element>
                <xs:element ref="DeliveryReference" minOccurs="0"/>
                <xs:element ref="OriginCountry" minOccurs="0"/>
                <xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">
                  <xs:annotation>
                    <xs:documentation>Exceptional
Consignment</xs:documentation>
                  </xs:annotation>
                  <xs:complexType>
                    <xs:sequence>
                      <xs:element ref="IM_Partner"/>
                      <xs:element name="PermissionNumber">
                        <xs:annotation>
                          <xs:documentation>Reference/permission number of the
```

```
exceptional consignment.</xs:documentation>
                    </xs:annotation>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:minLength value="1"/>
                        <xs:maxLength value="24"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="ShuntingModalLabel" minOccurs="0">
              <xs:annotation>
                <xs:documentation>Shunting modal label  according to
chapter 5.3.4 RID</xs:documentation>
              </xs:annotation>
              <xs:simpleType>
                <xs:restriction base="xs:token">
                  <xs:enumeration value="13"/>
                  <xs:enumeration value="15"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element ref="ReferenceNumbers" minOccurs="0"/>
          </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>
        <xs:element ref="ITU" maxOccurs="25"/>
        <xs:element ref="RollingRoadUnit" maxOccurs="5"/>
      </xs:choice>
    </xs:sequence>
  </xs:sequence>
</xs:complexType>
</xs:element>
```

element **Wagons/WagonDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LoadingStatus WagonInfo WagonTypeDetails TotalWeight LoadLimit Seals Ship DeliveryReference OriginCountry ExceptionalConsignment ShuntingModalLabel ReferenceNumbers**
annotation	documentation Details for the specific wagon

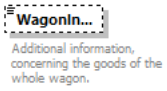
source

```
<xs:element name="WagonDetails">
  <xs:annotation>
    <xs:documentation>Details for the specific wagon</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="LoadingStatus"/>
      <xs:element name="WagonInfo" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information, concerning the goods of
the whole wagon. </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
```

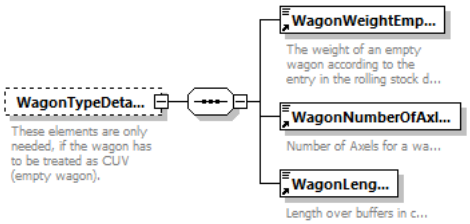
```
            <xs:maxLength value="500"/>
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="WagonTypeDetails" minOccurs="0">
        <xs:annotation>
          <xs:documentation>These elements are only needed, if the 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 base="xs:decimal">
            <xs:minInclusive value="0"/>
            <xs:totalDigits value="4"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="Seals" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Describes the seals used for the
consignment</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="Ship" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Additional information for transports, which
shall be handed over to a ship.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element ref="DeliveryReference" minOccurs="0"/>
      <xs:element ref="OriginCountry" minOccurs="0"/>
      <xs:element name="ExceptionalConsignment" minOccurs="0"
maxOccurs="10">
        <xs:annotation>
          <xs:documentation>Exceptional Consignment</xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="IM_Partner"/>
            <xs:element name="PermissionNumber">
              <xs:annotation>
                <xs:documentation>Reference/permission number of the
exceptional consignment.</xs:documentation>
              </xs:annotation>
```

```
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1"/>
                <xs:maxLength value="24"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="ShuntingModalLabel" minOccurs="0">
      <xs:annotation>
        <xs:documentation>Shunting modal label  according to chapter 5.3.4
RID</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="13"/>
          <xs:enumeration value="15"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="ReferenceNumbers" minOccurs="0"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
```

element **Wagons/WagonDetails/WagonInfo**

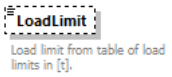
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 500
annotation	documentation Additional information, concerning the goods of the whole wagon.
source	<xs:element name="WagonInfo" minOccurs="0"> <xs:annotation> <xs:documentation>Additional information, concerning the goods of the whole wagon. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="500"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Wagons/WagonDetails/WagonTypeDetails**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

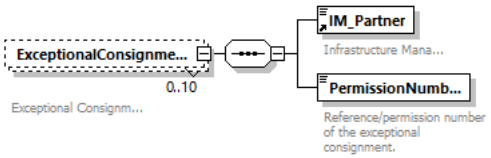
element **Wagons/WagonDetails/LoadLimit**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>
```

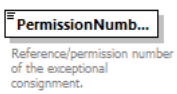
element **Wagons/WagonDetails/ExceptionalConsignment**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc 10 content complex
children	**IM_Partner PermissionNumber**
annotation	documentation Exceptional Consignment

source

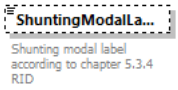
```
<xs:element name="ExceptionalConsignment" minOccurs="0" maxOccurs="10">
  <xs:annotation>
    <xs:documentation>Exceptional Consignment</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="IM_Partner"/>
      <xs:element name="PermissionNumber">
        <xs:annotation>
          <xs:documentation>Reference/permission number of the exceptional
consignment.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="24"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **Wagons/WagonDetails/ExceptionalConsignment/PermissionNumber**

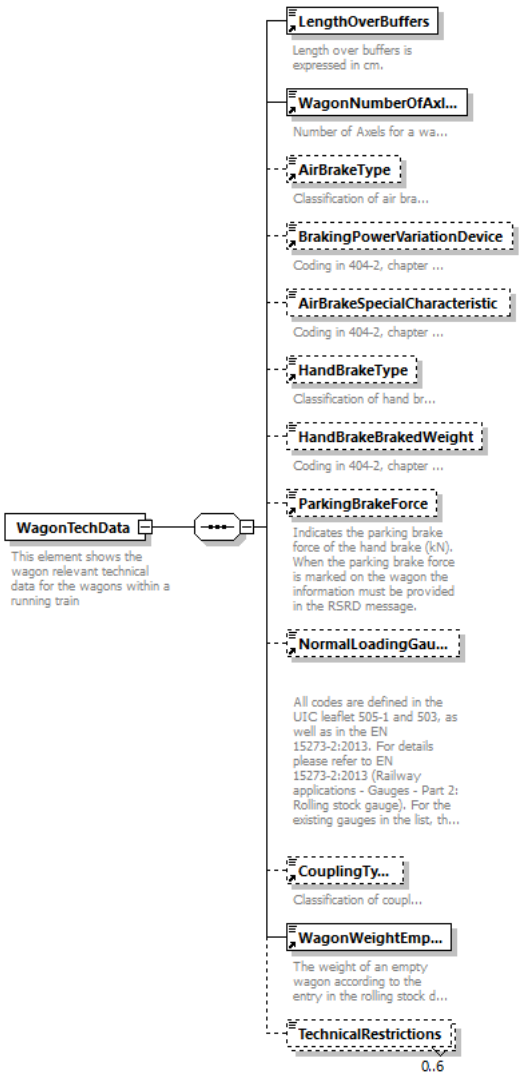
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**

properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 24
annotation	documentation Reference/permission number of the exceptional consignment.
source	<xs:element name="PermissionNumber"> <xs:annotation> <xs:documentation>Reference/permission number of the exceptional consignment.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="24"/> </xs:restriction> </xs:simpleType> </xs:element>

element **Wagons/WagonDetails/ShuntingModalLabel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ShuntingModalLabel" minOccurs="0"> <xs:annotation> <xs:documentation>Shunting modal label according to chapter 5.3.4 RID</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="13"/> <xs:enumeration value="15"/> </xs:restriction> </xs:simpleType> </xs:element>

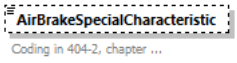
element **WagonTechData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**LengthOverBuffers WagonNumberOfAxles AirBrakeType BrakingPowerVariationDevice AirBrakeSpecialCharacteristic HandBrakeType HandBrakeBrakedWeight ParkingBrakeForce NormalLoadingGauge CouplingType WagonWeightEmpty TechnicalRestrictions**
used by	element **WagonData**
annotation	documentation This element shows the wagon relevant technical data for the wagons within a running train

source	`<xs:element name="WagonTechData">`
	`<xs:annotation>`
	`<xs:documentation>This element shows the wagon relevant technical data for the wagons within a running train</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="LengthOverBuffers"/>`
	`<xs:element ref="WagonNumberOfAxles"/>`
	`<xs:element ref="AirBrakeType" minOccurs="0"/>`
	`<xs:element ref="BrakingPowerVariationDevice" minOccurs="0"/>`

```
      <xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="9"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="HandBrakeType" minOccurs="0"/>
      <xs:element name="HandBrakeBrakedWeight" minOccurs="0">
        <xs:annotation>
          <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:integer">
            <xs:minInclusive value="000"/>
            <xs:maxInclusive value="999"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element ref="ParkingBrakeForce" minOccurs="0"/>
      <xs:element ref="NormalLoadingGauge" minOccurs="0"/>
      <xs:element ref="CouplingType" minOccurs="0"/>
      <xs:element ref="WagonWeightEmpty"/>
      <xs:element name="TechnicalRestrictions" type="Numeric2-2"
minOccurs="0" maxOccurs="6"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

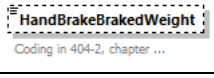
element **WagonTechData/AirBrakeSpecialCharacteristic**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="AirBrakeSpecialCharacteristic" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="0"/>`

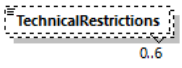
```
      <xs:maxInclusive value="9"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **WagonTechData/HandBrakeBrakedWeight**

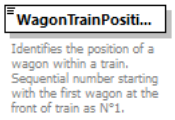
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minInclusive 000 maxInclusive 999
annotation	documentation Coding in 404-2, chapter 1.7

source	`<xs:element name="HandBrakeBrakedWeight" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Coding in 404-2, chapter 1.7 </xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:integer">`
	`  <xs:minInclusive value="000"/>`
	`  <xs:maxInclusive value="999"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

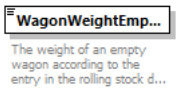
element **WagonTechData/TechnicalRestrictions**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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**

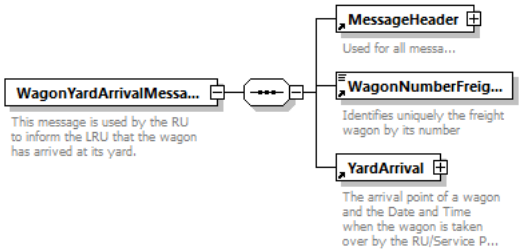
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:int**
properties	content simple
used by	element **WagonData**
facets	Kind Value Annotation minInclusive 1 maxInclusive 999
annotation	documentation Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.
source	<xs:element name="WagonTrainPosition"> <xs:annotation> <xs:documentation>Identifies the position of a wagon within a train. Sequential number starting with the first wagon at the front of train as N°1.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999"/> </xs:restriction> </xs:simpleType> </xs:element>

element **WagonWeightEmpty**

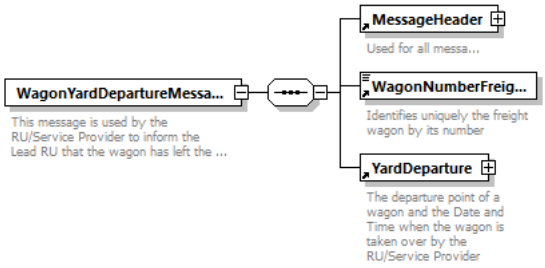
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueKilo**
properties	content simple
used by	elements **RollingStockDataset/DesignDataSet** **WagonTechData** **Wagons/WagonDetails/WagonTypeDetails**
facets	Kind Value Annotation minInclusive 0 maxInclusive 999999 whiteSpace collapse
annotation	documentation The weight of an empty wagon according to the entry in the rolling stock database
source	<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>

element **WagonYardArrivalMessage**

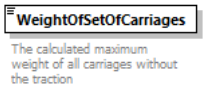
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**MessageHeader** **WagonNumberFreight** **YardArrival**
annotation	documentation This message is used by the RU to inform the LRU that the wagon has arrived at its yard.
source	<xs:element name="WagonYardArrivalMessage"> <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>

element **WagonYardDepartureMessage**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="WagonYardDepartureMessage"> <xs:annotation> <xs:documentation>This message is used by the RU/Service Provider to

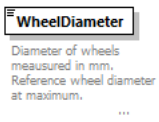
```
inform the Lead RU that the wagon has left the yard.</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="MessageHeader"/>
      <xs:element ref="WagonNumberFreight"/>
      <xs:element ref="YardDeparture"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **WeightOfSetOfCarriages**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WeightValueTonne**
properties	content simple
used by	element **PlannedTrainTechnicalData**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
annotation	documentation The calculated maximum weight of all carriages without the traction

source	`<xs:element name="WeightOfSetOfCarriages" type="WeightValueTonne">`
	`  <xs:annotation>`
	`  <xs:documentation>The calculated maximum weight of all carriages without the traction</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

element **WheelDiameter**

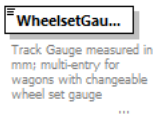
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	documentation Diameter of wheels meausured in mm. Reference wheel diameter at maximum.

source

```
<xs:element name="WheelDiameter">
  <xs:annotation>
    <xs:documentation>Diameter of wheels meausured in mm.
Reference wheel diameter at maximum.
                    </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **WheelsetGauge**

diagram



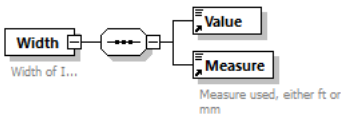
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
used by	element **RollingStockDataset/DesignDataSet**
facets	Kind Value Annotation minInclusive 1 maxInclusive 9999
annotation	documentation Track Gauge measured in mm; multi-entry for wagons with changeable wheel set gauge

source

```
<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 base="xs:integer">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="9999"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **Width**

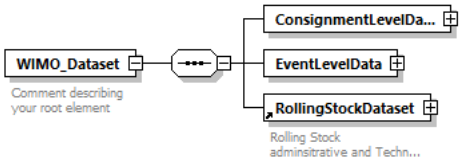
diagram



namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Value** **Measure**
used by	element **Dimensions** complexType **DimensionValue**
annotation	documentation Width of ITU

source	`<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>`

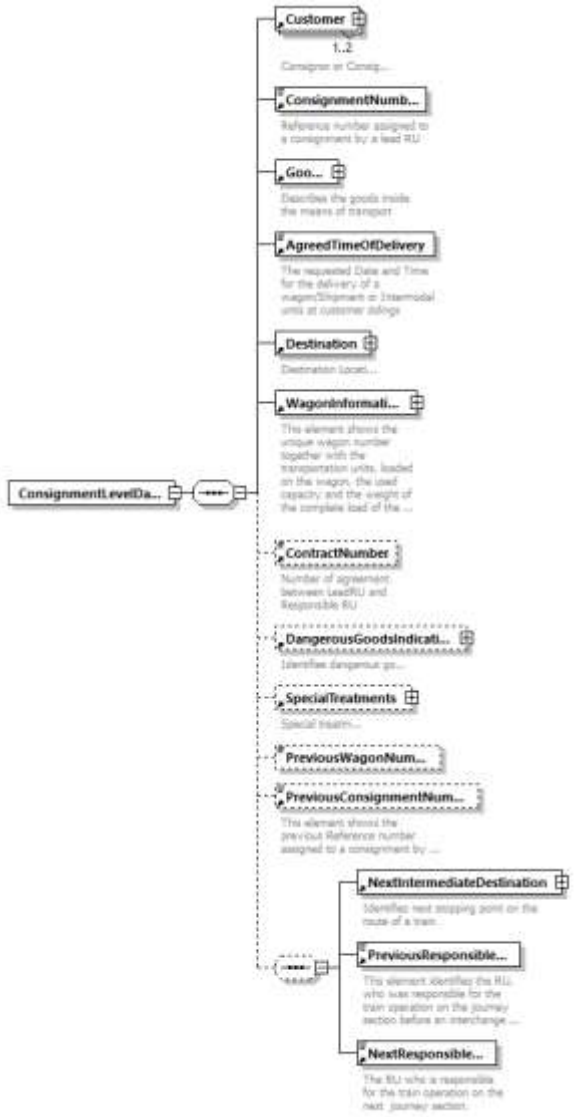
element **WIMO_Dataset**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**ConsignmentLevelData** **EventLevelData** **RollingStockDataset**
annotation	documentation Comment describing your root element

source	`<xs:element name="WIMO_Dataset">`
	`  <xs:annotation>`
	`  <xs:documentation>Comment describing your root element</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element name="ConsignmentLevelData">`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="Customer" maxOccurs="2"/>`
	`  <xs:element ref="ConsignmentNumber"/>`
	`  <xs:element ref="Goods"/>`
	`  <xs:element ref="AgreedTimeOfDelivery"/>`
	`  <xs:element ref="Destination"/>`
	`  <xs:element ref="WagonInformation"/>`
	`  <xs:element ref="ContractNumber" minOccurs="0"/>`
	`  <xs:element ref="DangerousGoodsIndication" minOccurs="0"/>`
	`  <xs:element ref="SpecialTreatments" minOccurs="0"/>`
	`  <xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/>`

```
            <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/>
            <xs:sequence minOccurs="0">
              <xs:element ref="NextIntermediateDestination"/>
              <xs:element ref="PreviousResponsibleRU"/>
              <xs:element ref="NextResponsibleRU"/>
            </xs:sequence>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="EventLevelData">
        <xs:complexType>
          <xs:sequence>
            <xs:element ref="WagonEventInformation"/>
            <xs:element ref="VesselIndication" minOccurs="0"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element ref="RollingStockDataset"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

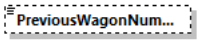
element **WIMO_Dataset/ConsignmentLevelData**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Customer ConsignmentNumber Goods AgreedTimeOfDelivery Destination WagonInformation ContractNumber DangerousGoodsIndication SpecialTreatments PreviousWagonNumber PreviousConsignmentNumber NextIntermediateDestination PreviousResponsibleRU NextResponsibleRU**

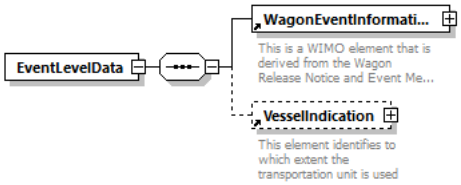
source	`<xs:element name="ConsignmentLevelData">`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element ref="Customer" maxOccurs="2"/>`
	`<xs:element ref="ConsignmentNumber"/>`
	`<xs:element ref="Goods"/>`
	`<xs:element ref="AgreedTimeOfDelivery"/>`
	`<xs:element ref="Destination"/>`
	`<xs:element ref="WagonInformation"/>`
	`<xs:element ref="ContractNumber" minOccurs="0"/>`
	`<xs:element ref="DangerousGoodsIndication" minOccurs="0"/>`
	`<xs:element ref="SpecialTreatments" minOccurs="0"/>`
	`<xs:element name="PreviousWagonNumber" type="WagonIdent"`

```
minOccurs="0"/>
      <xs:element ref="PreviousConsignmentNumber" minOccurs="0"/>
      <xs:sequence minOccurs="0">
        <xs:element ref="NextIntermediateDestination"/>
        <xs:element ref="PreviousResponsibleRU"/>
        <xs:element ref="NextResponsibleRU"/>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **WIMO_Dataset/ConsignmentLevelData/PreviousWagonNumber**

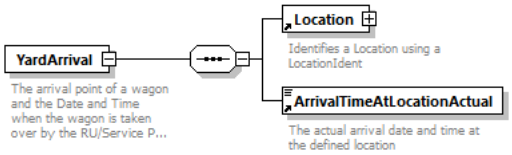
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**WagonIdent**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
source	`<xs:element name="PreviousWagonNumber" type="WagonIdent" minOccurs="0"/>`

element **WIMO_Dataset/EventLevelData**

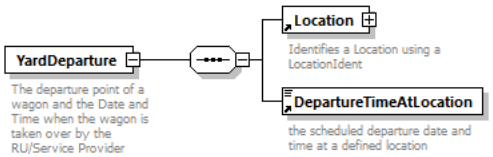
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**WagonEventInformation** **VesselIndication**

source	`<xs:element name="EventLevelData">`
	`  <xs:complexType>`
	`  <xs:sequence>`
	`  <xs:element ref="WagonEventInformation"/>`
	`  <xs:element ref="VesselIndication" minOccurs="0"/>`
	`  </xs:sequence>`
	`  </xs:complexType>`
	`</xs:element>`

element **YardArrival**

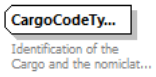
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **ArrivalTimeAtLocationActual**
used by	element **WagonYardArrivalMessage**
annotation	documentation The arrival point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<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>

element **YardDeparture**

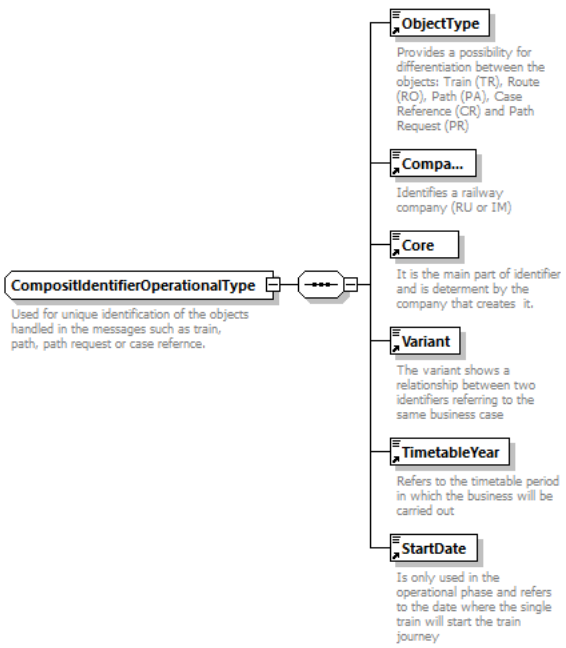
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**Location** **DepartureTimeAtLocation**
used by	element **WagonYardDepartureMessage**
annotation	documentation The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider
source	<xs:element name="YardDeparture"> <xs:annotation> <xs:documentation>The departure point of a wagon and the Date and Time when the wagon is taken over by the RU/Service Provider</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="Location"/> <xs:element ref="DepartureTimeAtLocation"/> </xs:sequence> </xs:complexType>

	</xs:element>

complexType **CargoCodeType**

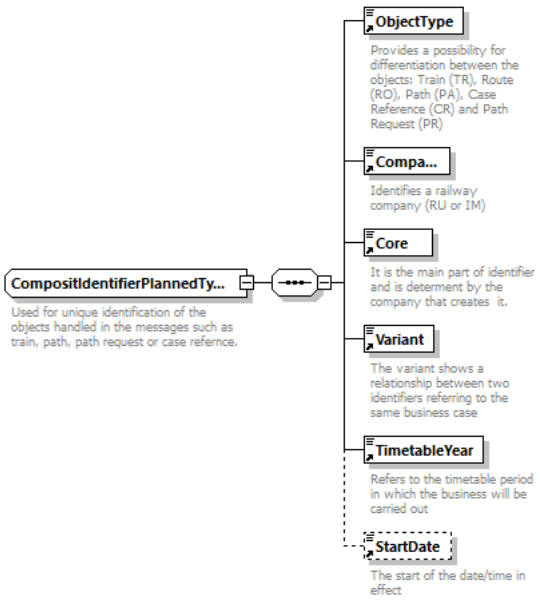
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	extension of **FreeText**
properties	base FreeText
facets	Kind Value Annotation minLength 1 maxLength 255
annotation	documentation Identification of the Cargo and the nomiclature used
source	<xs:complexType name="CargoCodeType"> <xs:annotation> <xs:documentation>Identification of the Cargo and the nomiclature used</xs:documentation> </xs:annotation> <xs:simpleContent> <xs:extension base="FreeText"/> </xs:simpleContent> </xs:complexType>

complexType **CompositIdentifierOperationalType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 refernce.
source	<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 refernce.</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:annotation> <xs:documentation>Is only used in the operational phase and refers to the date where the single train will start the train journey</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType>

complexType **CompositIdentifierPlannedType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
children	**ObjectType Company Core Variant TimetableYear StartDate**
used by	elements **AssociatedAttachedTrainID PlannedTransportIdentifiers RelatedPlannedTransportIdentifiers**
annotation	documentation Used for unique identification of the objects handled in the messages such as train, path, path request or case refernce.
source	<xs:complexType name="CompositIdentifierPlannedType"> <xs:annotation>

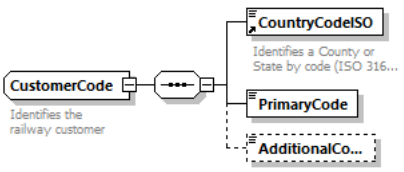
```
    <xs:documentation>Used for unique identification of the objects handled
in the messages such as train, path, path request or case
refernce.</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element ref="ObjectType"/>
    <xs:element ref="Company"/>
    <xs:element ref="Core"/>
    <xs:element ref="Variant"/>
    <xs:element ref="TimetableYear"/>
    <xs:element ref="StartDate" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

complexType **ConsignmentIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

complexType **CustomerCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
children	**CountryCodeISO** **PrimaryCode** **AdditionalCode**
used by	element **Customer**
annotation	documentation Identifies the railway customer

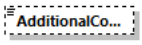
source	`<xs:complexType name="CustomerCode">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies the railway customer</xs:documentation>`

```
  </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>
```

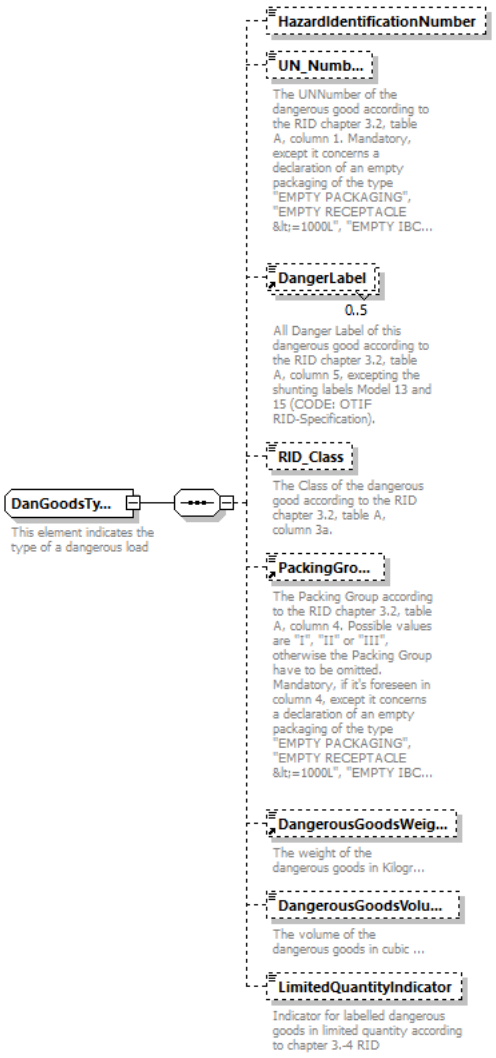
element **CustomerCode/PrimaryCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**String1-14**
properties	content simple
facets	Kind Value Annotation minLength 1 maxLength 14
source	`<xs:element name="PrimaryCode" type="String1-14"/>`

element **CustomerCode/AdditionalCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**String1-7**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 7
source	`<xs:element name="AdditionalCode" type="String1-7" minOccurs="0"/>`

complexType **DanGoodsType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:complexType name="DanGoodsType"> <xs:annotation> <xs:documentation>This element indicates the type of a dangerous load</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

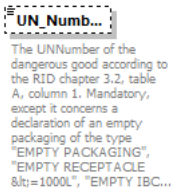
```
    <xs:element name="UN_Number" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The UNNumber of the dangerous good according to
the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a
declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY
RECEPTACLE &lt;=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING"
.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="4"/>
          <xs:pattern value="\d*[1-9]\d*"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="DangerLabel" minOccurs="0" maxOccurs="5"/>
    <xs:element name="RID_Class" minOccurs="0">
      <xs:annotation>
        <xs:documentation>The Class of the dangerous good according to the
RID chapter 3.2, table A, column 3a.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="4"/>
        </xs: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>
```

element **DanGoodsType/HazardIdentificationNumber**

diagram

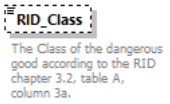
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 2 maxLength 4
source	<xs:element name="HazardIdentificationNumber" minOccurs="0"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="2"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

element **DanGoodsType/UN_Number**

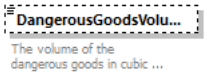
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
used by	element **SummaryOFGoodsWithSameRID**
facets	Kind Value Annotation length 4 pattern \d*[1-9]\d*
annotation	documentation The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .
source	<xs:element name="UN_Number" minOccurs="0"> <xs:annotation> <xs:documentation>The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. Mandatory, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING" .</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:length value="4"/> <xs:pattern value="\d*[1-9]\d*"/> </xs:restriction> </xs:simpleType>

	</xs:element>

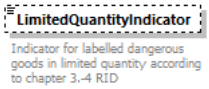
element **DanGoodsType/RID_Class**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation minLength 1 maxLength 4
annotation	documentation The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.
source	<xs:element name="RID_Class" minOccurs="0"> <xs:annotation> <xs:documentation>The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType> </xs:element>

element **DanGoodsType/DangerousGoodsVolume**

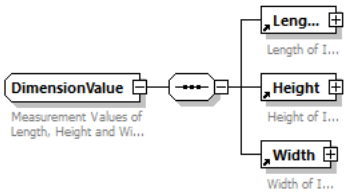
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**VolumeValue**
properties	minOcc 0 maxOcc 1 content simple
used by	element **SummaryOFGoodsWithSameRID**
annotation	documentation The volume of the dangerous goods in cubic meters
source	<xs:element name="DangerousGoodsVolume" type="VolumeValue" minOccurs="0"> <xs:annotation> <xs:documentation>The volume of the dangerous goods in cubic meters</xs:documentation> </xs:annotation> </xs:element>

element **DanGoodsType/LimitedQuantityIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

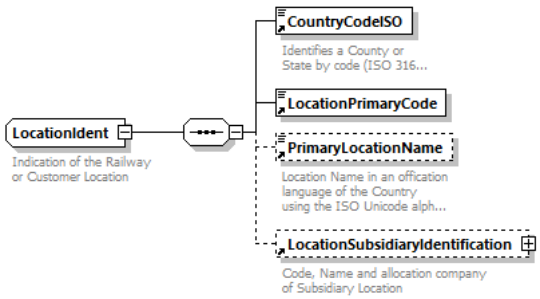
source	`<xs:element name="LimitedQuantityIndicator" type="xs:boolean" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID</xs:documentation>`
	`  </xs:annotation>`
	`</xs:element>`

complexType **DimensionValue**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
children	**Length Height Width**
annotation	documentation Measurement Values of Length, Height and Width

source	`<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>`

complexType **LocationIdent**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
children	CountryCodeISO LocationPrimaryCode PrimaryLocationName LocationSubsidiaryIdentification
used by	elements TrainRunningData/Activities/ActivityLocationIdent ArrivalTrackAtLocation DelayLocation DepartureJourneyTrack DepartureTrackAtLocation Destination ConsignmentOrderMessage/COMS/COM/RU_Declarations/DifferentAcceptance/DifferentAcceptancePoint ConsignmentOrderMessage/COMS/COM/ChargingSections/End EndLocation AffectedSection/EndOfSection IntermediateDestination JourneySectionDestination JourneySectionOrigin Location LocationActualTrack LocationPlannedTrack NetworkProjectedLocation/NextLocation Notes/NoteLocationIdent ConsignmentOrderMessage/COMS/COM/PrepaymentInstructions/PaidUpTo TrainInformation/PathPlanningReferenceLocation PlannedJourneyLocation ConsignmentOrderMessage/COMS/COM/Carriers/SectionFrom ConsignmentOrderMessage/COMS/COM/Carriers/SectionTo ConsignmentOrderMessage/COMS/COM/ChargingSections/Start StartLocation AffectedSection/StartOfSection Station TrainReadyMessage/TrainLocation TransferPoint
annotation	documentation Indication of the Railway or Customer Location

source

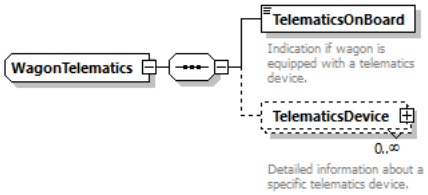
```
<xs:complexType name="LocationIdent">
  <xs:annotation>
    <xs:documentation>Indication of the Railway or Customer
Location</xs:documentation>
  </xs:annotation>
  <xs:sequence>
    <xs:element ref="CountryCodeISO"/>
    <xs:element ref="LocationPrimaryCode"/>
    <xs:element ref="PrimaryLocationName" minOccurs="0"/>
    <xs:element ref="LocationSubsidiaryIdentification" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

complexType **TrainActivityType**

diagram

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
children	**TrainActivityType** **AssociatedAttachedTrainID** **AssociatedAttachedOTN** **AssociatedAttachedTrainServiceNumber** **AssociatedAttachedTimingAtLocation** **FreeTextField**
used by	element **TrainActivity**
source	<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>

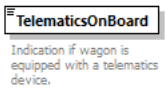
complexType **WagonTelematics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
children	**TelematicsOnBoard** **TelematicsDevice**
used by	element **RollingStockDataset/DesignDataSet/WagonTelematics**
source	<xs:complexType name="WagonTelematics"> <xs:sequence> <xs:element name="TelematicsOnBoard" type="xs:boolean"> <xs:annotation> <xs:documentation xml:lang="en">Indication if wagon is equipped with a telematics device.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded"> <xs:annotation> <xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="DeviceType"> <xs:annotation> <xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="Telematics Unit"/> <xs:enumeration value="Sensor"/> </xs:restriction>

```
            </xs:simpleType>
          </xs:element>
          <xs:element name="ComponentMounted" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">Indication of the component to
which the telematics unit is attached.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:enumeration value="Superstructure"/>
                <xs:enumeration value="Tank"/>
                <xs:enumeration value="End wall"/>
                <xs:enumeration value="Side wall"/>
                <xs:enumeration value="Marking plate"/>
                <xs:enumeration value="Frame"/>
                <xs:enumeration value="Headstock"/>
                <xs:enumeration value="Saddle plate"/>
                <xs:enumeration value="Longitudinal beam"/>
                <xs:enumeration value="Latitudinal beam"/>
                <xs:enumeration value="Hitch"/>
                <xs:enumeration value="Bogie"/>
                <xs:enumeration value="Axle"/>
                <xs:enumeration value="Axle box"/>
                <xs:enumeration value="Lift off protection"/>
                <xs:enumeration value="Brake system"/>
                <xs:enumeration value="Brake blocks"/>
                <xs:enumeration value="Air pipes"/>
                <xs:enumeration value="Brake valves"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
            <xs:annotation>
              <xs:documentation xml:lang="en">Indication of where the
telematics unit is located on the component.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:enumeration value="Side"/>
                <xs:enumeration value="Top"/>
                <xs:enumeration value="Bottom"/>
                <xs:enumeration value="Inside"/>
                <xs:enumeration value="Left"/>
                <xs:enumeration value="Right"/>
                <xs:enumeration value="Center"/>
                <xs:enumeration value="Below isolation"/>
                <xs:enumeration value="Hand brake end"/>
                <xs:enumeration value="Non brake end"/>
                <xs:enumeration value="1"/>
                <xs:enumeration value="2"/>
                <xs:enumeration value="3"/>
                <xs:enumeration value="4"/>
                <xs:enumeration value="5"/>
                <xs:enumeration value="6"/>
                <xs:enumeration value="7"/>
                <xs:enumeration value="8"/>
              </xs:restriction>
```

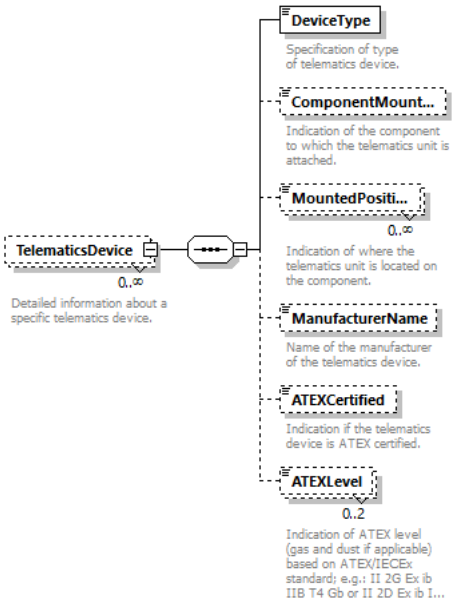
```
            </xs:simpleType>
          </xs:element>
          <xs:element name="ManufacturerName" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">Name of the manufacturer of
the telematics device.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="255"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
            <xs:annotation>
              <xs:documentation xml:lang="en">Indication if the telematics
device is ATEX certified.</xs:documentation>
            </xs:annotation>
          </xs:element>
          <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
            <xs:annotation>
              <xs:documentation xml:lang="en">Indication of ATEX level (gas
and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB
T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation>
            </xs:annotation>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="50"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

element **WagonTelematics/TelematicsOnBoard**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**
properties	content simple
annotation	documentation Indication if wagon is equipped with a telematics device.

source	`<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>`

element **WagonTelematics/TelematicsDevice**

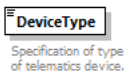
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	minOcc 0 maxOcc unbounded content complex
children	**DeviceType ComponentMounted MountedPosition ManufacturerName ATEXCertified ATEXLevel**
annotation	documentation Detailed information about a specific telematics device.

source	`<xs:element name="TelematicsDevice" minOccurs="0" maxOccurs="unbounded">`
	`<xs:annotation>`
	`<xs:documentation xml:lang="en">Detailed information about a specific telematics device.</xs:documentation>`
	`</xs:annotation>`
	`<xs:complexType>`
	`<xs:sequence>`
	`<xs:element name="DeviceType">`
	`<xs:annotation>`
	`<xs:documentation xml:lang="en">Specification of type of telematics device.</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`
	`<xs:enumeration value="Telematics Unit"/>`
	`<xs:enumeration value="Sensor"/>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`
	`<xs:element name="ComponentMounted" minOccurs="0">`
	`<xs:annotation>`
	`<xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:string">`

```
            <xs:enumeration value="Superstructure"/>
            <xs:enumeration value="Tank"/>
            <xs:enumeration value="End wall"/>
            <xs:enumeration value="Side wall"/>
            <xs:enumeration value="Marking plate"/>
            <xs:enumeration value="Frame"/>
            <xs:enumeration value="Headstock"/>
            <xs:enumeration value="Saddle plate"/>
            <xs:enumeration value="Longitudinal beam"/>
            <xs:enumeration value="Latitudinal beam"/>
            <xs:enumeration value="Hitch"/>
            <xs:enumeration value="Bogie"/>
            <xs:enumeration value="Axle"/>
            <xs:enumeration value="Axle box"/>
            <xs:enumeration value="Lift off protection"/>
            <xs:enumeration value="Brake system"/>
            <xs:enumeration value="Brake blocks"/>
            <xs:enumeration value="Air pipes"/>
            <xs:enumeration value="Brake valves"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="MountedPosition" minOccurs="0"
maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation xml:lang="en">Indication of where the telematics
unit is located on the component.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="Side"/>
            <xs:enumeration value="Top"/>
            <xs:enumeration value="Bottom"/>
            <xs:enumeration value="Inside"/>
            <xs:enumeration value="Left"/>
            <xs:enumeration value="Right"/>
            <xs:enumeration value="Center"/>
            <xs:enumeration value="Below isolation"/>
            <xs:enumeration value="Hand brake end"/>
            <xs:enumeration value="Non brake end"/>
            <xs:enumeration value="1"/>
            <xs:enumeration value="2"/>
            <xs:enumeration value="3"/>
            <xs:enumeration value="4"/>
            <xs:enumeration value="5"/>
            <xs:enumeration value="6"/>
            <xs:enumeration value="7"/>
            <xs:enumeration value="8"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ManufacturerName" minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="en">Name of the manufacturer of the
telematics device.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
```

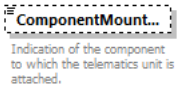
```
            <xs:maxLength value="255"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="ATEXCertified" type="xs:boolean" minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="en">Indication if the telematics
device is ATEX certified.</xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2">
        <xs:annotation>
          <xs:documentation xml:lang="en">Indication of ATEX level (gas and
dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4
Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="50"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **WagonTelematics/TelematicsDevice/DeviceType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind / Value / Annotation enumeration Telematics Unit enumeration Sensor
annotation	documentation Specification of type of telematics device.

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 Unit"/>
	      <xs:enumeration value="Sensor"/>
	    </xs:restriction>
	  </xs:simpleType>
	</xs:element></pre>

element **WagonTelematics/TelematicsDevice/ComponentMounted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple

facets

Kind	Value	Annotation
enumeration	Superstructure	
enumeration	Tank	
enumeration	End wall	
enumeration	Side wall	
enumeration	Marking plate	
enumeration	Frame	
enumeration	Headstock	
enumeration	Saddle plate	
enumeration	Longitudinal beam	
enumeration	Latitudinal beam	
enumeration	Hitch	
enumeration	Bogie	
enumeration	Axle	
enumeration	Axle box	
enumeration	Lift off protection	
enumeration	Brake system	
enumeration	Brake blocks	
enumeration	Air pipes	
enumeration	Brake valves	

annotation

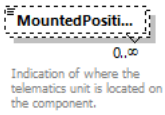
documentation
Indication of the component to which the telematics unit is attached.

source

```
<xs:element name="ComponentMounted" minOccurs="0">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of the component to which the telematics unit is attached.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Superstructure"/>
      <xs:enumeration value="Tank"/>
      <xs:enumeration value="End wall"/>
      <xs:enumeration value="Side wall"/>
      <xs:enumeration value="Marking plate"/>
      <xs:enumeration value="Frame"/>
      <xs:enumeration value="Headstock"/>
      <xs:enumeration value="Saddle plate"/>
      <xs:enumeration value="Longitudinal beam"/>
      <xs:enumeration value="Latitudinal beam"/>
      <xs:enumeration value="Hitch"/>
      <xs:enumeration value="Bogie"/>
      <xs:enumeration value="Axle"/>
      <xs:enumeration value="Axle box"/>
```

```
      <xs:enumeration value="Lift off protection"/>
      <xs:enumeration value="Brake system"/>
      <xs:enumeration value="Brake blocks"/>
      <xs:enumeration value="Air pipes"/>
      <xs:enumeration value="Brake valves"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **WagonTelematics/TelematicsDevice/MountedPosition**

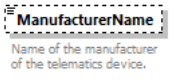
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc unbounded content simple
facets	Kind / Value / Annotation enumeration Side enumeration Top enumeration Bottom enumeration Inside enumeration Left enumeration Right enumeration Center 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

```
<xs:element name="MountedPosition" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation xml:lang="en">Indication of where the telematics unit
is located on the component.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Side"/>
      <xs:enumeration value="Top"/>
      <xs:enumeration value="Bottom"/>
```

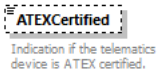
```
      <xs:enumeration value="Inside"/>
      <xs:enumeration value="Left"/>
      <xs:enumeration value="Right"/>
      <xs:enumeration value="Center"/>
      <xs:enumeration value="Below isolation"/>
      <xs:enumeration value="Hand brake end"/>
      <xs:enumeration value="Non brake end"/>
      <xs:enumeration value="1"/>
      <xs:enumeration value="2"/>
      <xs:enumeration value="3"/>
      <xs:enumeration value="4"/>
      <xs:enumeration value="5"/>
      <xs:enumeration value="6"/>
      <xs:enumeration value="7"/>
      <xs:enumeration value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **WagonTelematics/TelematicsDevice/ManufacturerName**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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.

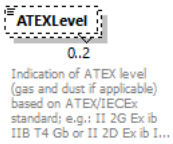
source	`<xs:element name="ManufacturerName" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation xml:lang="en">Name of the manufacturer of the telematics device.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:maxLength value="255"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **WagonTelematics/TelematicsDevice/ATEXCertified**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:boolean**

properties	minOcc 0 maxOcc 1 content simple
annotation	documentation Indication if the telematics device is ATEX certified.
source	<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>

element **WagonTelematics/TelematicsDevice/ATEXLevel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:element name="ATEXLevel" minOccurs="0" maxOccurs="2"> <xs:annotation> <xs:documentation xml:lang="en">Indication of ATEX level (gas and dust if applicable) based on ATEX/IECEx standard; e.g.: II 2G Ex ib IIB T4 Gb or II 2D Ex ib IIIC T135°C Db.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> </xs:element>

simpleType **CommunicationRefID**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	elements **Customers/Contacts/Email** **eMail** **Customers/Contacts/FaxNumber** **FaxNumber** **Customers/Contacts/PhoneNumber** **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	<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>

simpleType **CompanyCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **String4-4**
properties	base String4-4
used by	elements **AllocationCompany** **ConsignmentOrderMessage/COMS/COM/AcceptancePoint/CarrierCode** **ConsignmentOrderMessage/COMS/COM/CommercialSpecifications/CarrierCode** **ConsignmentOrderMessage/COMS/COM/Carriers/CarrierCode** **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CarrierCode** **Company** **CoordinatingIM** **ConsignmentOrderMessage/COMS/COM/RU_Declarations/RU_Declaration/DeclaringRU** **IM_Partner** **ImpactedRU** **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicingCarrierCode** **LeadRU** **NextResponsibleRU** **PreviousResponsibleRU** **ConsignmentOrderMessage/COMS/COM/CustomsData/PrincipalRU** **ConsignmentOrderMessage/COMS/COM_Header/ReceivingRU** **Recipient** **ResponsibleApplicant** **ConsignmentOrderMessage/COMS/COM/Carriers/ResponsibleCarrierCode** **ResponsibleIM** **ResponsibleRU** **RU_Partner** **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/SectionCarrierCode** **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	<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>

simpleType **CountryIdentISO**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	restriction of **xs:string**
properties	base xs:string
used by	element s **Customers/Country** **ConsignmentOrderMessage/COMS/COM/SectionalInvoicing/Section/InvoicedSection/CountryCode** **ConsignmentOrderMessage/COMS/COM/Carriers/CountryCode** **ConsignmentOrderMessage/COMS/COM/LeadCarrier/CountryCode** **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	`<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>`

simpleType **CurrencyCode_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	elements **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/CurrencyCode** **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/CurrencyCode** **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/CurrencyCode** **ConsignmentOrderMessage/COMS/COM/ChargingSections/CurrencyCode**
facets	Kind Value Annotation pattern [A-Z][A-Z][A-Z]
annotation	documentation CODE: ISO Currency code (ISO-4217)

source	`<xs:simpleType name="CurrencyCode_Type">`
	`  <xs:annotation>`
	`  <xs:documentation>CODE: ISO Currency code (ISO-4217)</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="xs:string">`
	`  <xs:pattern value="[A-Z][A-Z][A-Z]"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

simpleType **DeltaTime**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:simpleType name="DeltaTime"> <xs:annotation> <xs:documentation>Time difference delay (+) or ahead of schedule (-) this shall be 1character + 4 Numeric</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType>

simpleType **DerailmentDetectionDevice**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	element **RollingStockDataset/DesignDataSet/DerailmentDetectionDevice**
facets	Kind Value Annotation enumeration EDT 101 enumeration MDV 100 enumeration Non coded device
annotation	documentation Identification of derailment detection device equipped on the wagon. Element is mandatory if wagon is equipped with such device. The following values are defined: EDT 101 MDV 100 Non coded device
source	<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>

simpleType **EquipmentNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	elements **GoodsInWagon/ContainerNumber** **ITU_Details/Number**
facets	Kind Value Annotation minLength 1 maxLength 13
annotation	documentation Number of ITU
source	<xs:simpleType name="EquipmentNumberType"> <xs:annotation> <xs:documentation>Number of ITU</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="13"/> </xs:restriction> </xs:simpleType>

simpleType **EquipmentTypeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	base xs:token
used by	element **ITU_Type**
facets	Kind Value Annotation enumeration cn documentation Container enumeration sw documentation swap body enumeration te documentation Trailer (RollingRoad)
annotation	documentation Type of equipment
source	<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>
```

simpleType **ForwardingRestrictionType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<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>
```

simpleType **FreeText**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	elements **AdditionalInstruction Address Comments ContractNumberMovement InterruptionPoint/DetailedDescriptionOfLocation FreeTextField GoodsDescription HandlingInstruction InternalReferenceIdentifier InterruptionDescription LocationSubsidiaryName MessageIdentifier ErrorMessage/ErrorCauseReference/MessageSenderReference Name Notes/Note PrimaryLocationName RelatedIdentifier RelatedSenderReference Remarks RouteInformation SenderReference TrainReadyMessage/TrainReadyStatus/TrainNotReadyDescription TransportInstruction NetworkSpecificParameter/Value** complexType **CargoCodeType**
facets	Kind / Value / Annotation minLength 1 maxLength 255
annotation	documentation Clear Text in ISO Unicode character set

source	`<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>`

simpleType **LoadUnitNumberType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>
```

simpleType **Money_Type**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:decimal**
properties	base xs:decimal
used by	elements **ConsignmentOrderMessage/COMS/COM/DeclarationOfValue/Amount** **ConsignmentOrderMessage/COMS/COM/InterestInDelivery/Amount** **ConsignmentOrderMessage/COMS/COM/CashOnDelivery/Amount** **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Prepaid** **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Prepaid** **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/FreightCharges/Transferred** **ConsignmentOrderMessage/COMS/COM/ChargingSections/AdditionalCharges/Transferred**
facets	Kind Value Annotation totalDigits 18 fractionDigits 2
annotation	documentation Type for all payments

```
<xs:simpleType name="Money_Type">
  <xs:annotation>
    <xs:documentation>Type for all payments</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:decimal">
    <xs:totalDigits value="18"/>
    <xs:fractionDigits value="2"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **Name**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<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>
```

simpleType **NHMCodeType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	elements **NHM_Code** **ConsignmentOrderMessage/COMS/COM/ChargingSections/Tariff/NHMCode** **Goods/PreviousLoadedGood**
facets	Kind Value Annotation length 6 pattern \d*[1-9]\d*
annotation	documentation NHM Code
source	

```
<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>
```

simpleType **Numeric1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:positiveInteger**
properties	base xs:positiveInteger
used by	elements **RollingStockDataset/DesignDataSet/BogiePivotPitch** **RollingStockDataset/DesignDataSet/HeightOfLoadingPlaneUnladen** **RollingStockDataset/DesignDataSet/InnerWheelbase** **LocationPrimaryCode** **RollingStockDataset/DesignDataSet/LoadTable/SpeedCategory**
facets	Kind Value Annotation minInclusive 1 maxInclusive 99999
source	

```
<xs:simpleType name="Numeric1-5">
  <xs:restriction base="xs:positiveInteger">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="99999"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **Numeric1-6**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	restriction of **xs:int**
properties	base xs:int
facets	Kind Value Annotation minInclusive 1 maxInclusive 999999
source	<xs:simpleType name="Numeric1-6"> <xs:restriction base="xs:int"> <xs:minInclusive value="1"/> <xs:maxInclusive value="999999"/> </xs:restriction> </xs:simpleType>

simpleType **Numeric2-2**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	base xs:integer
used by	elements **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/CounterAcreditedRecognizedBody** **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/EINYear** **MessageRoutingID** **RollingStockDataset/DesignDataSet/RemovableAccessories/NumberOfAccessorOfSpecType** **AirBrake/NumberOfBrakes** **WagonTechData/TechnicalRestrictions** **RollingStockDataset/AdministrativeDataSet/ECMCertificate/EINNumber/TypeDocumentEIN** attribute **CI_InstanceNumber**
facets	Kind Value Annotation minInclusive 01 maxInclusive 99
source	<xs:simpleType name="Numeric2-2"> <xs:restriction base="xs:integer"> <xs:minInclusive value="01"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType>

simpleType **Numeric3-3**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:simpleType name="Numeric3-3"> <xs:restriction base="xs:integer"> <xs:minInclusive value="001"/>

```
    <xs:maxInclusive value="999"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **Numeric4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:simpleType name="Numeric4-4"> <xs:restriction base="xs:integer"> <xs:minInclusive value="0001"/> <xs:maxInclusive value="9999"/> </xs:restriction> </xs:simpleType>

simpleType **Percentage**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<xs:simpleType name="Percentage"> <xs:annotation> <xs:documentation>decimal value between 0 and 100</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"> <xs:minInclusive value="0"/> <xs:maxInclusive value="100"/> </xs:restriction> </xs:simpleType>

simpleType **Speed**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**Numeric3-3**
properties	base Numeric3-3

used by	elements **GNSS_DynamicPosition/CurrentSpeed** **HighestPlannedSpeed** **PlannedSpeed** **TrainMaxSpeed**
facets	Kind Value Annotation minInclusive 001 maxInclusive 999
annotation	documentation Shown in Km/h

source	`<xs:simpleType name="Speed">`
	`  <xs:annotation>`
	`  <xs:documentation>Shown in Km/h</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:restriction base="Numeric3-3"/>`
	`</xs:simpleType>`

simpleType **String1-10**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	element **LocationSubsidiaryCode**
facets	Kind Value Annotation minLength 1 maxLength 10

source	`<xs:simpleType name="String1-10">`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="10" fixed="false"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

simpleType **String1-14**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 name="String1-14">`
	`  <xs:restriction base="xs:string">`
	`  <xs:minLength value="1"/>`
	`  <xs:maxLength value="14"/>`
	`  </xs:restriction>`
	`</xs:simpleType>`

simpleType **String1-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	element **DelayMinutes**
facets	Kind Value Annotation minLength 1 maxLength 5
source	<xs:simpleType name="String1-5"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType>

simpleType **String1-7**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	element **CustomerCode/AdditionalCode**
facets	Kind Value Annotation minLength 1 maxLength 7
source	<xs:simpleType name="String1-7"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="7"/> </xs:restriction> </xs:simpleType>

simpleType **String1-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	elements **AssociatedAttachedOTN** **AssociatedAttachedTrainServiceNumber** **OperationalTrainNumber**
facets	Kind Value Annotation minLength 1 maxLength 8
source	<xs:simpleType name="String1-8"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType>

simpleType **String4-4**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	simpleType **CompanyCode**
facets	Kind Value Annotation minLength 4 maxLength 4
source	<xs:simpleType name="String4-4"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="4"/> </xs:restriction> </xs:simpleType>

simpleType **String5-5**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
facets	Kind Value Annotation minLength 5 maxLength 5
source	<xs:simpleType name="String5-5"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="5"/> </xs:restriction> </xs:simpleType>

simpleType **String5-8**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
facets	Kind Value Annotation minLength 5 maxLength 8
source	<xs:simpleType name="String5-8"> <xs:restriction base="xs:string"> <xs:minLength value="5"/> <xs:maxLength value="8"/> </xs:restriction> </xs:simpleType>

simpleType **Time**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	**xs:time**
properties	base xs:time
annotation	documentation Time expressed in HH:MM:SS
source	<xs:simpleType name="Time"> <xs:annotation> <xs:documentation>Time expressed in HH:MM:SS</xs:documentation> </xs:annotation> <xs:restriction base="xs:time"/> </xs:simpleType>

simpleType **VolumeValue**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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 name="VolumeValue"> <xs:annotation> <xs:documentation>Volume value of the load units by cbm</xs:documentation> </xs:annotation> <xs:restriction base="xs:float"/> </xs:simpleType>

simpleType **WagonIdent**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
used by	elements **WIMO_Dataset/ConsignmentLevelData/PreviousWagonNumber RollingStockDataset/AdministrativeDataSet/PreviousWagonNumberFreight WagonNumberFreight ConsignmentOrderMessage/COMS/COM/WagonPreviousNumberFreight**
facets	Kind Value Annotation maxLength 12 pattern [0-9]{12}
annotation	documentation Identification code of a freight wagon based on the TSI OPE and CEN Recommendations and CIS wagons coded according to OSJD-UIC leaflet 402, which allows the conversion from 8 digits to 12 digits and viceversa.
source	<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>
```

simpleType **WeightValueKilo**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<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>
```

simpleType **WeightValueTonne**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

```
<xs:simpleType name="WeightValueTonne">
  <xs:annotation>
    <xs:documentation>In Tonnes</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:int">
    <xs:minInclusive value="1"/>
```

```
    <xs:maxInclusive value="99999"/>
  </xs:restriction>
</xs:simpleType>
```

attribute **CI_InstanceNumber**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<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>`

3. Schema taf_cat_codelists.xsd

schema location: **taf_cat_codelists.xsd**
attributeFormDefault: **unqualified**
elementFormDefault: **qualified**
targetNamespace: **http://www.era.europa.eu/schemes/TAFTSI/3.3**

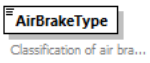
Elements
AirBrakeType
BrakeSpecialCharacteristics
BrakeType
BrakingPowerVariationDevice
CodeOfCause
CombinedTrafficLoadProfile
CommercialSpecificationCode
ConsignmentOrderType
ConsignorDeclarationCode
CouplingType
CustomerType
DangerLabel
EmptyPackingCode
HandBrakeType
ILU_TypeDetail
IncotermCode
InfoOnGoodsShapeTypeDanger

Simple types
ConsignmentTypeCode
DelayCode
InfoIndex
MessageCode
RestrictionCodes
RunningStatus
TrainCC_SystemCode
TypeOfIMHarmonizationCode
TypeOfInformationCode
TypeOfRequestCode
TypeOfRUHarmonizationCode
UnitType

Attributes
LocationSubsidiaryTypeCode
TimingQualifierCode

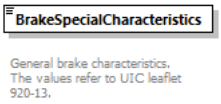
InteropCapability
JourneyLocationTypeCode
LivestockOrPeopleIndicator
LoadTableStars
MessageStatus
MRN_Type
NormalLoadingGauge
PackingGroup
PrepaidcodeCarrier
PrepaidCodeCustomer
ProcessType
ReasonOfReference
RefusalCode
RollingRoadUnitType
RouteClass
RU_DeclarationCode
TractionMode
TractionType
TrainRadioSystem
TrainRunningInterruptionStatus
TrainType
TypeOfRemovableAccessories
TypeOfUsedHybridPowerunit
WheelSetTransformationMethod

element **AirBrakeType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration 0 documentation: Through pipe enumeration 1 documentation: G system only enumeration 2 documentation: P system only enumeration 3 documentation: G/P combined system enumeration 8 documentation: No air brake or brake pipe enumeration 9 documentation: Non coded system
annotation	documentation Classification of air brake.
source	`<xs:element name="AirBrakeType">` `<xs:annotation>`

```
      <xs:documentation>Classification of air brake.</xs:documentation>
    </xs:annotation>
    <xs:simpleType>
      <xs:restriction base="xs:token">
        <xs:enumeration value="0">
          <xs:annotation>
            <xs:documentation>Through pipe</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="1">
          <xs:annotation>
            <xs:documentation>G system only</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="2">
          <xs:annotation>
            <xs:documentation>P system only</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="3">
          <xs:annotation>
            <xs:documentation>G/P combined system</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="8">
          <xs:annotation>
            <xs:documentation>No air brake or brake pipe</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="9">
          <xs:annotation>
            <xs:documentation>Non coded system</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
```

element **BrakeSpecialCharacteristics**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple

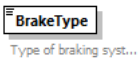
facets

Kind	Value	Annotation
enumeration	0	documentation Cast Iron Brake Blocks
enumeration	1	documentation Disc Brake
enumeration	2	documentation K-Brake Blocks
enumeration	3	documentation

	Cast Iron Brake Blocks, single release brake enumeration 4 documentation Composite Brake Blocks, single release brake enumeration 5 documentation L-Brake Blocks enumeration 6 documentation LL-Brake Blocks enumeration 9 documentation Unknown or non-coded information
annotation	documentation General brake characteristics. The values refer to UIC leaflet 920-13.
source	<xs:element name="BrakeSpecialCharacteristics"> <xs:annotation> <xs:documentation> General brake characteristics. The values refer to UIC leaflet 920-13. </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Cast Iron Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Disc Brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>K-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Cast Iron Brake Blocks, single release brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Composite Brake Blocks, single release brake</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>L-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>LL-Brake Blocks</xs:documentation> </xs:annotation> </xs:enumeration>

```
      <xs:enumeration value="9">
        <xs:annotation>
          <xs:documentation>Unknown or non-coded
information</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **BrakeType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration 0 — documentation: G: "Goods" for freight services with slow application and release times enumeration 1 — documentation: P: "Passenger" for passenger and freight services with quick application and release times. enumeration 2 — documentation: X: an indication that brake system of the freight wagon out of order (actually / current). Additionally, X cannot be used in Planning. enumeration 3 — documentation: R: a subdivision brake position of brake mode "P", for rapid (express) services with high brake performances enumeration 4 — documentation: G+E: brake position G with additional brake=electro-dynamic brake enumeration 5 — documentation: G+H: brake position G with additional brake=hydro-dynamic brake enumeration 6 — documentation: P+E: brake position P with additional brake=electro-dynamic brake enumeration 7 — documentation: P+H: brake position P with additional brake=hydro-dynamic brake enumeration 8 — documentation: P+Mg: brake position P with additional brake=magnetic track brake enumeration 9 — documentation: R+E: brake position R with additional brake=electro-dynamic brake enumeration 10 — documentation: R+H: brake position R with additional brake=hydro-dynamic brake enumeration 11 — documentation: R+Mg: brake position R with additional brake=magnetic track brake enumeration 12 — documentation: R+WB: brake position R with additional brake=eddy current brake (German: Wirbelstrombremse) enumeration 13 — documentation: R+E+Mg: brake position R with additional brake=electro-dynamic brake and magnetic track brake enumeration 14 — documentation: R+E+WB: brake position R with additional brake=electro-dynamic brake and eddy current brake
annotation	documentation Type of braking system.
source	`<xs:element name="BrakeType">`

```
  <xs:annotation>
    <xs:documentation>Type of braking system.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="0">
        <xs:annotation>
          <xs:documentation>G: "Goods" for freight services with slow
application and release times</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>P: "Passenger" for passenger and freight
services with quick application and release times.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>X: an indication that brake system of the
freight wagon out of order (actually / current). Additionally, X cannot be
used in Planning.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>R: a subdivision brake position of brake mode
"P", for rapid (express) services with high brake
performances</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4">
        <xs:annotation>
          <xs:documentation>G+E: brake position G with additional
brake=electro-dynamic brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>G+H: brake position G with additional
brake=hydro-dynamic brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
        <xs:annotation>
          <xs:documentation>P+E: brake position P with additional
brake=electro-dynamic brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7">
        <xs:annotation>
          <xs:documentation>P+H: brake position P with additional
brake=hydro-dynamic brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
        <xs:annotation>
          <xs:documentation>P+Mg: brake position P with additional
```

```
brake=magnetic track brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="9">
        <xs:annotation>
          <xs:documentation>R+E: brake position R with additional
brake=electro-dynamic brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="10">
        <xs:annotation>
          <xs:documentation>R+H: brake position R with additional
brake=hydro-dynamic brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="11">
        <xs:annotation>
          <xs:documentation>R+Mg: brake position R with additional
brake=magnetic track brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="12">
        <xs:annotation>
          <xs:documentation>R+WB: brake position R with additional
brake=eddy current brake (German: Wirbelstrombremse)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="13">
        <xs:annotation>
          <xs:documentation>R+E+Mg: brake position R with additional
brake=electro-dynamic brake and magnetic track brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>R+E+WB: brake position R with additional
brake=electro-dynamic brake and eddy current brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **BrakingPowerVariationDevice**

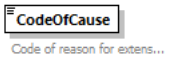
diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind / Value / Annotation enumeration 0 — documentation: no braked weight variation device enumeration 1 — documentation: empty/loaded manual or automatic device with one changeover weight

	enumeration 2 documentation empty/loaded manual or automatic device with two or three changeover weights enumeration 8 documentation linear auto continuous device with indication of maximum braked weight enumeration 9 documentation non-codable variation device
annotation	documentation Coding in 404-2, chapter 1.8

source

```
<xs:element name="BrakingPowerVariationDevice">
  <xs:annotation>
    <xs:documentation>Coding in 404-2, chapter 1.8</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0">
        <xs:annotation>
          <xs:documentation>no braked weight variation
device</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>empty/loaded manual or automatic device with one
changeover weight</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>empty/loaded manual or automatic device with two
or three changeover weights</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
        <xs:annotation>
          <xs:documentation>linear auto continuous device with indication of
maximum braked weight</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="9">
        <xs:annotation>
          <xs:documentation>non-codable variation device</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **CodeOfCause**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple

facets

Kind	Value	Annotation
enumeration	1	documentation Completion of formalities required by customs or other administrative authorities (CIM Article 15)
enumeration	2	documentation Examination of the consignment (CIM Article11)
enumeration	3	documentation Amendment of the contract of carriage (CIM Article 18)
enumeration	4	documentation Circumstances preventing carriage (CIM Article 20)
enumeration	5	documentation Circumstances preventing delivery (CIM Article21)
enumeration	6	documentation Attention to be given to the consignment
enumeration	7	documentation Rectification of the load following unsatisfactory loading by the consignor
enumeration	8	documentation Transhipment following unsatisfactory loading by the consignor
enumeration	9	documentation Other causes: ...

annotation

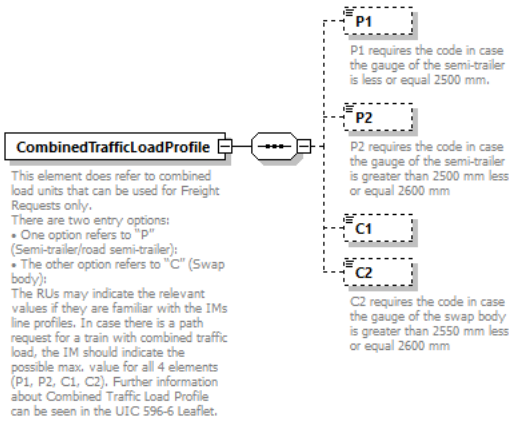
documentation
Code of reason for extension

source

```
<xs:element name="CodeOfCause">
  <xs:annotation>
    <xs:documentation>Code of reason for extension</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Completion of formalities required by customs or
other administrative authorities (CIM Article 15)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Examination of the consignment (CIM
Article11)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Amendment of the contract of carriage (CIM
Article 18)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4">
        <xs:annotation>
          <xs:documentation>Circumstances preventing carriage (CIM Article
20)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>Circumstances preventing delivery (CIM
Article21)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
```

```
        <xs:annotation>
          <xs:documentation>Attention to be given to the
consignment</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7">
        <xs:annotation>
          <xs:documentation>Rectification of the load following
unsatisfactory loading by the consignor</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
        <xs:annotation>
          <xs:documentation>Transhipment following unsatisfactory loading by
the consignor</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="9">
        <xs:annotation>
          <xs:documentation>Other causes: ...</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

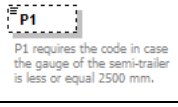
element **CombinedTrafficLoadProfile**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**P1 P2 C1 C2**
annotation	documentation This element does refer to combined load units that can be used for Freight Requests only. There are two entry options: • One option refers to "P" (Semi-trailer/road semi-trailer): • The other option refers to "C" (Swap body): The RUs may indicate the relevant values if they are familiar with the IMs line profiles. In case there is a path request for a train with combined traffic load, the IM should indicate the possible max. value for all 4 elements (P1, P2, C1, C2). Further information about Combined Traffic Load Profile can be seen in the UIC 596-6 Leaflet.
source	`<xs:element name="CombinedTrafficLoadProfile">` `  <xs:annotation>`

```
    <xs:documentation>This element does refer to combined load units that
can be used for Freight Requests only.
There are two entry options:
• One option refers to “P” (Semi-trailer/road semi-trailer):
• The other option refers to “C” (Swap body):
The RUs may indicate the relevant values if they are familiar with the IMs
line profiles. In case there is a path request for a train with combined
traffic load, the IM should indicate the possible max. value for all 4
elements (P1, P2, C1, C2). Further information about Combined Traffic Load
Profile can be seen in the UIC 596-6 Leaflet.
</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="P1" minOccurs="0">
        <xs:annotation>
          <xs:documentation>P1 requires the code in case the gauge of the
semi-trailer is less or equal 2500 mm.</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:pattern value="\d{3}"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="P2" minOccurs="0">
        <xs:annotation>
          <xs:documentation>P2 requires the code in case the gauge of the
semi-trailer is greater than 2500 mm less or equal 2600
mm</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:pattern value="\d{3}"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="C1" minOccurs="0">
        <xs:simpleType>
          <xs:annotation>
            <xs:documentation>C1 requires the code in case the gauge of the
swap body is less or equal 2550 mm.</xs:documentation>
          </xs:annotation>
          <xs:restriction base="xs:string">
            <xs:pattern value="\d{3}"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="C2" minOccurs="0">
        <xs:annotation>
          <xs:documentation>C2 requires the code in case the gauge of the
swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation>
        </xs:annotation>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:pattern value="\d{3}"/>
          </xs:restriction>
        </xs:simpleType>
```

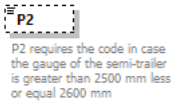
```
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **CombinedTrafficLoadProfile/P1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	`<xs:element name="P1" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>P1 requires the code in case the gauge of the semi-trailer is less or equal 2500 mm.</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:string">`
	`  <xs:pattern value="\d{3}"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:element>`

element **CombinedTrafficLoadProfile/P2**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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

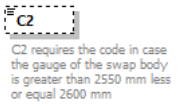
source	`<xs:element name="P2" minOccurs="0">`
	`  <xs:annotation>`
	`  <xs:documentation>P2 requires the code in case the gauge of the semi-trailer is greater than 2500 mm less or equal 2600 mm</xs:documentation>`
	`  </xs:annotation>`
	`  <xs:simpleType>`

```
    <xs:restriction base="xs:string">
      <xs:pattern value="\d{3}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **CombinedTrafficLoadProfile/C1**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
source	<xs:element name="C1" minOccurs="0"> <xs:simpleType> <xs:annotation> <xs:documentation>C1 requires the code in case the gauge of the swap body is less or equal 2550 mm.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction> </xs:simpleType> </xs:element>

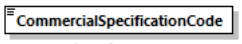
element **CombinedTrafficLoadProfile/C2**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	minOcc 0 maxOcc 1 content simple
facets	Kind Value Annotation pattern \d{3}
annotation	documentation C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm
source	<xs:element name="C2" minOccurs="0"> <xs:annotation> <xs:documentation>C2 requires the code in case the gauge of the swap body is greater than 2550 mm less or equal 2600 mm</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:pattern value="\d{3}"/> </xs:restriction>

```
  </xs:simpleType>
</xs:element>
```

element **CommercialSpecificationCode**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:token**

properties: content simple

facets

Kind	Value	Annotation
enumeration	1	documentation Route ...
enumeration	2	documentation Traffic flow ...
enumeration	3	documentation Carriers mandated to perform the carriage, section, status
enumeration	4	documentation Defined frontier stations..... (for exceptional consignments)
enumeration	5	documentation Other conditions requested....(for example: EDI contract number if an electronic consignment note is used.)

annotation: documentation
Commercial specifications code

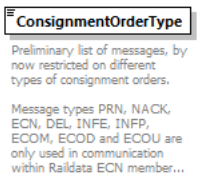
source

```
<xs:element name="CommercialSpecificationCode">
  <xs:annotation>
    <xs:documentation>Commercial specifications code</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Route ...</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Traffic flow ...</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Carriers mandated to perform the carriage,
section, status</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4">
        <xs:annotation>
          <xs:documentation>Defined frontier stations..... (for exceptional
consignments)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>Other conditions requested....(for example: EDI
```

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

element **ConsignmentOrderType**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:token**

properties: content simple

facets

Kind	Value	Annotation
enumeration	ECN	documentation ECN: Electronic consignment note. MessageType will be sent up to the interchange point where the transport is handed over to the next carrier involved in the transport (being ECN capable).
enumeration	NACK	documentation NotAcknowledged. Message is only sent out by the CDS, in case an ECN is received and the next carrier who is to receive this ECN is not ECN-capable
enumeration	PRN	documentation At the beginning of an ECN transport the shipping carrier sends the prior notification as preannouncement to all participating carriers (as far as they are able to process an ECN)
enumeration	INFE	documentation Information ECN: This MessageType has only informative character and can be used to inform other participating carriers about changes before hand-over of the ECN.
enumeration	INFP	documentation Information PCN: This MessageType has only informative character and may only be used to inform other participating carriers about the change from electronic transport to paper accompanied transport.
enumeration	CANCEL	documentation The CANCEL message can only be send by the lead/contractual or the shipping carrier BEFORE the first hand-over of the ECN. By doing so, all participating carriers will receive a DEL message to inform them about the cancellation of their part of the transport.
enumeration	DEL	documentation This message is being created by the central application, only. The receiving carrier is being informed, that his part of the transport has been cancelled.
enumeration	ECTD	documentation Basic message type for transports accompanied by a paper consignment note message.
enumeration	EUTD	documentation Basic update message type for transports accompanied by a paper consignment note message
enumeration	EDTD	documentation Basic deletion message type for transports accompanied by a paper consignment note message.
enumeration	ECOM	documentation Electronic consignment order message for carriers in role 3.Used for paperless

transport only.

enumeration ECOU documentation
Update message for ECOM

enumeration ECOD documentation
Deletion message for ECOM

annotation

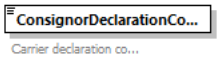
documentation
Preliminary list of messages, by now restricted on different types of consignment orders.
Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM, ECOD and ECOU are only used in communication within Raildata ECN members.

source

```
<xs:element name="ConsignmentOrderType">
  <xs:annotation>
    <xs:documentation>Preliminary list of messages, by now restricted on
different types of consignment orders.
                    Message types PRN, NACK, ECN, DEL, INFE, INFP, ECOM,
ECOD and ECOU are only used in communication within Raildata ECN members.
                  </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="ECN">
        <xs:annotation>
          <xs:documentation>ECN: Electronic consignment note. MessageType
will be sent up to the interchange point where the transport is handed over
to the next carrier involved in the transport (being ECN capable).
</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="NACK">
        <xs:annotation>
          <xs:documentation>NotAcknowledged. Message is only sent out by the
CDS, in case an ECN is received and the next carrier who is to receive this
ECN is not ECN-capable</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="PRN">
        <xs:annotation>
          <xs:documentation>At the beginning of an ECN transport the
shipping carrier sends the prior notification as preannouncement to all
participating carriers (as far as they are able to process an
ECN)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="INFE">
        <xs:annotation>
          <xs:documentation>Information ECN: This MessageType has only
informative character and can be used to inform other participating carriers
about changes before hand-over of the ECN.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="INFP">
        <xs:annotation>
          <xs:documentation>Information PCN: This MessageType has only
informative character and may only be used to inform other participating
carriers about the change from electronic transport to paper accompanied
transport.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
```

```
      <xs:enumeration value="CANCEL">
        <xs:annotation>
          <xs:documentation>The CANCEL message can only be send by the
lead/contractual or the shipping carrier BEFORE the first hand-over of the
ECN. By doing so, all participating carriers will receive a DEL message to
inform them about the cancellation of their part of the
transport.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DEL">
        <xs:annotation>
          <xs:documentation>This message is being created by the central
application, only. The receiving carrier is being informed, that his part of
the transport has been cancelled.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ECTD">
        <xs:annotation>
          <xs:documentation>Basic message type for transports accompanied by
a paper consignment note message.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="EUTD">
        <xs:annotation>
          <xs:documentation>Basic update  message type for transports
accompanied by a paper consignment note message</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="EDTD">
        <xs:annotation>
          <xs:documentation>Basic deletion message type for transports
accompanied by a paper consignment note message.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ECOM">
        <xs:annotation>
          <xs:documentation>Electronic consignment order message for
carriers in role 3.Used for paperless transport only.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ECOU">
        <xs:annotation>
          <xs:documentation>Update message for ECOM</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ECOD">
        <xs:annotation>
          <xs:documentation>Deletion message for ECOM</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ConsignorDeclarationCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple

facets

Kind	Value	Annotation
enumeration	1	documentation Consignee not-authorised to take control of the goods
enumeration	2	documentation Authorised consignee (within the meaning of customs law)
enumeration	3	documentation Escort(s) ... [name(s), first name(s)]
enumeration	4	documentation Filled mass [weight]: ... (for tank-wagons refilled without having been cleaned - see RID section 5.4.1.2.2c)
enumeration	5	documentation Emergency telephone number for irregularities or accidents with dangerous goods
enumeration	6	documentation Not to be passed to a substitute carrier
enumeration	7	documentation Loading by the carrier
enumeration	8	documentation Unloading by the carrier
enumeration	9	documentation Agreed transit period: ...
enumeration	10	documentation Completion of administrative formalities: ... (see CIM Article 15)
enumeration	11	documentation Exceptional consignment: ... (reference number for each of the rail carriers/infrastructure managers involved)
enumeration	12	documentation Number of flat pallets marked "EUR" and exchangeable in the European Pallet Pool
enumeration	13	documentation Number of box-pallets marked "EUR" and exchangeable in the European Box-Pallet Pool
enumeration	14	documentation If the carrier's wagon sheets are used: number of sheets, abbreviation for the carrier and wagon sheet number(s)
enumeration	15	documentation If the carrier's straps are used: number of straps and abbreviation for the carrier
enumeration	16	documentation Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en route, etc.)
enumeration	17	documentation Shipment details for port traffic: ...
enumeration	18	documentation Used for CUV transports, only. Restrictions on the operation of the wagon known to the consignor (e.g. limited speed, etc.)
enumeration	24	documentation Dangerous goods packed in limited quantities the total gross mass of which exceeds eight tonnes per transport unit.
enumeration	25	documentation Wagon keeper according to article 17 AVV (Name)
enumeration	31	documentation CH import declaration by DB Cargo
enumeration	32	documentation CH import declaration by SBB Cargo
enumeration	33	documentation CH import declaration by third parties

annotation	documentation Carrier declaration code.

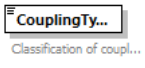
source

```
<xs:element name="ConsignorDeclarationCode">
  <xs:annotation>
    <xs:documentation>Carrier declaration code.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Consignee not-authorised to take control of the
goods</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Authorised consignee (within the meaning of
customs law)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Escort(s) ... [name(s), first
name(s)]</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4">
        <xs:annotation>
          <xs:documentation>Filled mass [weight]: ... (for tank-wagons
refilled without having been cleaned - see RID section
5.4.1.2.2c)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>Emergency telephone number for irregularities or
accidents with dangerous goods</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
        <xs:annotation>
          <xs:documentation>Not to be passed to a substitute
carrier</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7">
        <xs:annotation>
          <xs:documentation>Loading by the carrier</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
        <xs:annotation>
          <xs:documentation>Unloading by the carrier</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="9">
        <xs:annotation>
```

```
            <xs:documentation>Agreed transit period: ...</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="10">
          <xs:annotation>
            <xs:documentation>Completion of administrative formalities: ...
(see CIM Article 15)</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="11">
          <xs:annotation>
            <xs:documentation>Exceptional consignment: ... (reference number
for each of the rail carriers/infrastructure managers
involved)</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="12">
          <xs:annotation>
            <xs:documentation>Number of flat pallets marked "EUR" and
exchangeable in the European Pallet Pool</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="13">
          <xs:annotation>
            <xs:documentation>Number of box-pallets marked "EUR" and
exchangeable in the European Box-Pallet Pool</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="14">
          <xs:annotation>
            <xs:documentation>If the carrier's wagon sheets are used: number
of sheets, abbreviation for the carrier and wagon sheet
number(s)</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="15">
          <xs:annotation>
            <xs:documentation>If the carrier's straps are used: number of
straps and abbreviation for the carrier</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="16">
          <xs:annotation>
            <xs:documentation>Other declarations: ... (designation of a
representative, designation of a substitute carrier, request for attention
to be given to the consignment en route, etc.)</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="17">
          <xs:annotation>
            <xs:documentation>Shipment details for port traffic:
...</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="18">
          <xs:annotation>
            <xs:documentation>Used for CUV transports, only. Restrictions on
the operation of the wagon known to the consignor (e.g. limited speed,
```

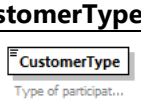
```
etc.)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="24">
        <xs:annotation>
          <xs:documentation>Dangerous goods packed in limited quantities the
total gross mass of which exceeds eight tonnes per transport
unit.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="25">
        <xs:annotation>
          <xs:documentation>Wagon keeper according to article 17 AVV
(Name)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="31">
        <xs:annotation>
          <xs:documentation>CH import declaration by DB
Cargo</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="32">
        <xs:annotation>
          <xs:documentation>CH import declaration by SBB
Cargo</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="33">
        <xs:annotation>
          <xs:documentation>CH import declaration by third
parties</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **CouplingType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration 0 — documentation: without coupler enumeration 1 — documentation: non-reinforced coupler less than 85t enumeration 2 — documentation: reinforced coupler equals to 85t enumeration 3 — documentation: ultra-reinforced coupler greater than 85t enumeration 4 — documentation

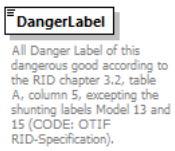
	automatic coupling
annotation	documentation Classification of coupling
source	<xs:element name="CouplingType"> <xs:annotation> <xs:documentation>Classification of coupling</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>without coupler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>non-reinforced coupler less than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>reinforced coupler equals to 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>ultra-reinforced coupler greater than 85t</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>automatic coupling</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element>

element **CustomerType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration CR documentation Consignor enumeration CE documentation Consignee enumeration FPCR documentation Freight payer

	enumeration FPCE documentation Freight payer CE
annotation	documentation Type of participation
source	<xs:element name="CustomerType"> <xs:annotation> <xs:documentation>Type of participation</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="CR"> <xs:annotation> <xs:documentation>Consignor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="CE"> <xs:annotation> <xs:documentation>Consignee</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCR"> <xs:annotation> <xs:documentation>Freight payer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="FPCE"> <xs:annotation> <xs:documentation>Freight payer CE</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element>

element **DangerLabel**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration 1 documentation Explosive materials, divisions 1.1, 1.2 and 1.3 enumeration 1.4 documentation Explosive materials, division 1.4 enumeration 1.5 documentation Explosive materials, division 1.5 enumeration 1.6 documentation Explosive materials, division 1.6 enumeration 2.1 documentation Flammable gases

	enumeration 2.2 documentation Non-flammable, non-toxic gases enumeration 2.3 documentation Toxic gases enumeration 3 documentation Flammable liquids enumeration 4.1 documentation Flammable solids , self-reactive substances and solid desensitized explosives enumeration 4.2 documentation Substances liable to spontaneous combustion enumeration 4.3 documentation Substances which, in contact with water, emit flammable gases enumeration 5.1 documentation Oxidizing substances enumeration 5.2 documentation Organic peroxides enumeration 6.1 documentation Toxic substances enumeration 6.2 documentation Infectious substances enumeration 7A documentation Radioactive material, category I enumeration 7B documentation Radioactive material, category II enumeration 7C documentation Radioactive material, category III enumeration 7D documentation (obsolete) should be used for general information about class 7 enumeration 7E documentation Fissile radioactive material enumeration 8 documentation Corrosive substances enumeration 9 documentation Miscellaneous dangerous substances and articles
annotation	documentation All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).
source	<xs:element name="DangerLabel"> <xs:annotation> <xs:documentation>All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, excepting the shunting labels Model 13 and 15 (CODE: OTIF RID-Specification).</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Explosive materials, divisions 1.1, 1.2 and 1.3</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.4"> <xs:annotation> <xs:documentation>Explosive materials, division 1.4</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1.5"> <xs:annotation> <xs:documentation>Explosive materials, division

```
1.5</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1.6">
        <xs:annotation>
          <xs:documentation>Explosive materials, division
1.6</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2.1">
        <xs:annotation>
          <xs:documentation>Flammable gases</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2.2">
        <xs:annotation>
          <xs:documentation>Non-flammable, non-toxic
gases</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2.3">
        <xs:annotation>
          <xs:documentation>Toxic gases</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Flammable liquids</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4.1">
        <xs:annotation>
          <xs:documentation>Flammable solids , self-reactive substances and
solid desensitized explosives</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4.2">
        <xs:annotation>
          <xs:documentation>Substances liable to spontaneous
combustion</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4.3">
        <xs:annotation>
          <xs:documentation>Substances which, in contact with water, emit
flammable gases</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5.1">
        <xs:annotation>
          <xs:documentation>Oxidizing substances</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5.2">
        <xs:annotation>
          <xs:documentation>Organic peroxides</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
```

```
      <xs:enumeration value="6.1">
        <xs:annotation>
          <xs:documentation>Toxic substances</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6.2">
        <xs:annotation>
          <xs:documentation>Infectious substances</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7A">
        <xs:annotation>
          <xs:documentation>Radioactive material, category
I</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7B">
        <xs:annotation>
          <xs:documentation>Radioactive material, category
II</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7C">
        <xs:annotation>
          <xs:documentation>Radioactive material, category
III</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7D">
        <xs:annotation>
          <xs:documentation>(obsolete) should be used for general
information about class 7</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7E">
        <xs:annotation>
          <xs:documentation>Fissile radioactive material</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
        <xs:annotation>
          <xs:documentation>Corrosive substances</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="9">
        <xs:annotation>
          <xs:documentation>Miscellaneous dangerous substances and
articles</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **EmptyPackingCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	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.

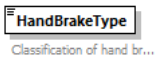
source

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

```
        <xs:enumeration value="01">
          <xs:annotation>
            <xs:documentation>EMPTY PACKAGING</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="02">
          <xs:annotation>
            <xs:documentation>EMPTY CONTAINER</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="03">
          <xs:annotation>
            <xs:documentation>EMPTY IBC</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="04">
          <xs:annotation>
            <xs:documentation>EMPTY LARGE PACKAGING</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="05">
          <xs:annotation>
            <xs:documentation>EMPTY TANK-VEHICLE</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="06">
          <xs:annotation>
            <xs:documentation>EMPTY TANK-WAGON</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="07">
          <xs:annotation>
            <xs:documentation>EMPTY DETACHABLE TANK</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="08">
          <xs:annotation>
            <xs:documentation>EMPTY DEMOUNTABLE TANK</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="09">
          <xs:annotation>
            <xs:documentation>EMPTY TANK-CONTAINER</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="10">
          <xs:annotation>
            <xs:documentation>EMPTY PORTABLE TANK</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="11">
          <xs:annotation>
            <xs:documentation>EMPTY BATTERY-VEHICLE</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
        <xs:enumeration value="12">
          <xs:annotation>
            <xs:documentation>EMPTY BATTERY-WAGON</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="13">
        <xs:annotation>
          <xs:documentation>EMPTY LARGE CONTAINER WITH MULTIPLE LINKED
ELEMENTS</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>EMPTY VEHICLE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>EMPTY WAGON</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>EMPTY RECEPTACLE le 1000L</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="17">
        <xs:annotation>
          <xs:documentation>EMPTY RECEPTACLE gt 1000L</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="18">
        <xs:annotation>
          <xs:documentation>EMPTY</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **HandBrakeType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration 0 — documentation: No hand brake enumeration 1 — documentation: Ground-operated hand brake enumeration 2 — documentation: Platform-operated hand brake
annotation	documentation Classification of hand brake
source	`<xs:element name="HandBrakeType">`

```
  <xs:annotation>
    <xs:documentation>Classification of hand brake</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="0">
        <xs:annotation>
          <xs:documentation>No hand brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Ground-operated hand brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Platform-operated hand brake</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ILU_TypeDetail**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration BX enumeration BK enumeration FL enumeration HT enumeration HC enumeration IN enumeration OT enumeration HH enumeration PW enumeration OS enumeration RF enumeration SD enumeration SL enumeration VE enumeration TC enumeration RH

source	`<xs:element name="ILU_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>
```

element **IncotermCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration CIP — documentation: Carriage Insurance Paid enumeration CPT — documentation: Carriage Paid To enumeration DAF — documentation: Delivered At Frontier (deprecated in 2011-01-01) enumeration DDP — documentation: Delivered Duty Paid enumeration DDU — documentation: Delivered Duty Unpaid (deprecated in 2011-01-01) enumeration EXW — documentation: EX Works enumeration FCA — documentation: Free Carrier enumeration DAP — documentation: Delivered At Place enumeration DAT — documentation: Delivered At Terminal
annotation	documentation Incoterm (given by the client)

source

```
<xs:element name="IncotermCode">
  <xs:annotation>
    <xs:documentation>Incoterm (given by the client)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="CIP">
        <xs:annotation>
```

```
          <xs:documentation>Carriage Insurance Paid</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="CPT">
        <xs:annotation>
          <xs:documentation>Carriage Paid To</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DAF">
        <xs:annotation>
          <xs:documentation>Delivered At Frontier (deprecated in 2011-01-
01)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DDP">
        <xs:annotation>
          <xs:documentation>Delivered Duty Paid</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DDU">
        <xs:annotation>
          <xs:documentation>Delivered Duty Unpaid (deprecated in 2011-01-
01)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="EXW">
        <xs:annotation>
          <xs:documentation>EX Works</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="FCA">
        <xs:annotation>
          <xs:documentation>Free Carrier</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DAP">
        <xs:annotation>
          <xs:documentation>Delivered At Place</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DAT">
        <xs:annotation>
          <xs:documentation>Delivered At Terminal</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **InfoOnGoodsShapeTypeDanger**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3

type	restriction of **xs:token**
properties	content simple

facets

Kind	Value	Annotation
enumeration	01	documentation Container
enumeration	02	documentation Other intermodal traffic
enumeration	03	documentation Rolling road (RR)
enumeration	06	documentation Semi-Trailer on bogies
enumeration	10	documentation 1 - danger of explosion (subclass 1.1, 1.2, 1.3)
enumeration	14	documentation 1.4 - danger of explosion (subclass 1.4)
enumeration	15	documentation 1.5 - danger of explosion (subclass 1.5)
enumeration	16	documentation 1.6 - danger of explosion (subclass 1.6)
enumeration	21	documentation 2.1 - inflammable gases
enumeration	22	documentation 2.2 - non inflammable,non-toxic gases
enumeration	23	documentation 2.3 - toxic gases
enumeration	30	documentation 3 - fire hazard (inflammable liquids)
enumeration	41	documentation 4.1 - fire hazard (inflammable solids)
enumeration	42	documentation 4.2 - spontaneoulsy inflammable
enumeration	43	documentation 4.3 - gives off inflammable gas on contact with water
enumeration	51	documentation 5.1 - combustible substance
enumeration	52	documentation 5.2 - organic peroxide
enumeration	61	documentation 6.1 - toxic substance
enumeration	62	documentation 6.2 - infectious substance
enumeration	71	documentation 7A - radioactive substance in category I packing WHITE
enumeration	72	documentation 7B - radioactive substance in category II packing YELLOW
enumeration	73	documentation 7C - radioactive substance in category III packing YELLOW
enumeration	74	documentation 7D - Common label for radioactive substances included under 7A, 7B + 7C
enumeration	75	documentation 7E - fissible substance
enumeration	80	documentation 8 - corrosive substance
enumeration	90	documentation Various dangerouse substance and objects not covered by the other classes
enumeration	96	documentation Environmentally hazardous substance (RID 5.2.1.8)
enumeration	97	documentation More than 8 tons of dangerous goods packaged in limited quantities (LQ)
enumeration	98	documentation Livestock
enumeration	99	documentation

	Perishables
annotation	documentation Additional codified information on the load. Coding Structures as defined in 404-2 chapter 4.1

source

```
<xs:element name="InfoOnGoodsShapeTypeDanger">
  <xs:annotation>
    <xs:documentation>Additional codified information on the load.  Coding
Structures as defined in 404-2  chapter 4.1</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>Container</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation>Other intermodal traffic</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>Rolling road (RR)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="06">
        <xs:annotation>
          <xs:documentation>Semi-Trailer on bogies</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="10">
        <xs:annotation>
          <xs:documentation>1 - danger of explosion (subclass 1.1, 1.2,
1.3)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>1.4 - danger of explosion (subclass
1.4)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>1.5 - danger of explosion (subclass
1.5)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>1.6 - danger of explosion (subclass
1.6)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="21">
        <xs:annotation>
          <xs:documentation>2.1 - inflammable gases</xs:documentation>
```

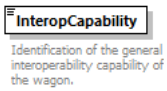
```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="22">
        <xs:annotation>
          <xs:documentation>2.2 - non inflammable,non-toxic
gases</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="23">
        <xs:annotation>
          <xs:documentation>2.3 - toxic gases</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="30">
        <xs:annotation>
          <xs:documentation>3 - fire hazard (inflammable
liquids)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="41">
        <xs:annotation>
          <xs:documentation>4.1 - fire hazard (inflammable
solids)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="42">
        <xs:annotation>
          <xs:documentation>4.2 - spontaneoulsy
inflammable</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="43">
        <xs:annotation>
          <xs:documentation>4.3 - gives off inflammable gas on contact with
water</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="51">
        <xs:annotation>
          <xs:documentation>5.1 - combustible substance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="52">
        <xs:annotation>
          <xs:documentation>5.2 - organic peroxide</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="61">
        <xs:annotation>
          <xs:documentation>6.1 - toxic substance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="62">
        <xs:annotation>
          <xs:documentation>6.2 - infectious substance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="71">
```

```
        <xs:annotation>
          <xs:documentation>7A - radioactive substance in category I packing
WHITE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="72">
        <xs:annotation>
          <xs:documentation>7B - radioactive substance in category II
packing YELLOW</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="73">
        <xs:annotation>
          <xs:documentation>7C - radioactive substance in category III
packing YELLOW</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="74">
        <xs:annotation>
          <xs:documentation>7D - Common label for radioactive substances
included under 7A, 7B + 7C</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="75">
        <xs:annotation>
          <xs:documentation>7E - fissible substance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="80">
        <xs:annotation>
          <xs:documentation>8 - corrosive substance</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="90">
        <xs:annotation>
          <xs:documentation>Various dangerouse substance and objects not
covered by the other classes</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="96">
        <xs:annotation>
          <xs:documentation>Environmentally hazardous substance (RID
5.2.1.8)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="97">
        <xs:annotation>
          <xs:documentation>More than 8 tons of dangerous goods packaged in
limited quantities (LQ)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="98">
        <xs:annotation>
          <xs:documentation>Livestock</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="99">
        <xs:annotation>
```

```
            <xs:documentation>Perishables</xs:documentation>
          </xs:annotation>
        </xs:enumeration>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
```

element **InteropCapability**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:integer**

properties: content simple

facets

Kind	Value	Annotation
totalDigits	2	
enumeration	1	documentation: National
enumeration	2	documentation: Bi-/Multilateral (with agreement or authorisation grid)
enumeration	3	documentation: RIV
enumeration	5	documentation: TEN
enumeration	6	documentation: TEN-GE
enumeration	7	documentation: TEN-CW
enumeration	8	documentation: TEN RIV

annotation

documentation
Identification of the general interoperability capability of the wagon.

source

```
<xs:element name="InteropCapability">
  <xs:annotation>
    <xs:documentation>Identification of the general interoperability
capability of the wagon.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:totalDigits value="2"/>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>National</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Bi-/Multilateral (with agreement or
authorisation grid)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>RIV</xs:documentation>
```

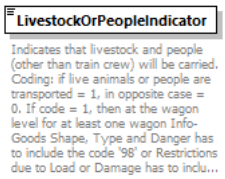
```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>TEN</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
        <xs:annotation>
          <xs:documentation>TEN-GE</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7">
        <xs:annotation>
          <xs:documentation>TEN-CW</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
        <xs:annotation>
          <xs:documentation>TEN RIV</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **JourneyLocationTypeCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration 01 documentation: Origin enumeration 02 documentation: Intermediate enumeration 03 documentation: Destination enumeration 04 documentation: Handover enumeration 05 documentation: Interchange enumeration 06 documentation: Handover and Interchange enumeration 07 documentation: State Border enumeration 08 documentation: None enumeration 09 documentation: Network border enumeration 99 documentation: Mutually Defined
source	`<xs:element name="JourneyLocationTypeCode">` `  <xs:annotation>`

```
    <xs:documentation/>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="01">
        <xs:annotation>
          <xs:documentation>Origin</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="02">
        <xs:annotation>
          <xs:documentation>Intermediate</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="03">
        <xs:annotation>
          <xs:documentation>Destination</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="04">
        <xs:annotation>
          <xs:documentation>Handover</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="05">
        <xs:annotation>
          <xs:documentation>Interchange</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="06">
        <xs:annotation>
          <xs:documentation>Handover and Interchange</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="07">
        <xs:annotation>
          <xs:documentation>State Border</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="08">
        <xs:annotation>
          <xs:documentation>None</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="09">
        <xs:annotation>
          <xs:documentation>Network border</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="99">
        <xs:annotation>
          <xs:documentation>Mutually Defined</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **LivestockOrPeopleIndicator**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind Value Annotation enumeration 0 enumeration 1
annotation	documentation Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'
source	<xs:element name="LivestockOrPeopleIndicator"> <xs:annotation> <xs:documentation>Indicates that livestock and people (other than train crew) will be carried. Coding: if live animals or people are transported = 1, in opposite case = 0. If code = 1, then at the wagon level for at least one wagon Info- Goods Shape, Type and Danger has to include the code '98' or Restrictions due to Load or Damage has to include code '09.'</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:enumeration value="0"/> <xs:enumeration value="1"/> </xs:restriction> </xs:simpleType> </xs:element>

element **LoadTableStars**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind Value Annotation totalDigits 1 enumeration 1 documentation Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions. enumeration 2 documentation Authorised to run in trains up to 120 km/h with a brake that does not meet all the

	enumeration 3 — documentation: requirements for SS (120 km/h) conditions. documentation: Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.
annotation	documentation Number of load table stars.
source	<xs:element name="LoadTableStars"> <xs:annotation> <xs:documentation>Number of load table stars.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:totalDigits value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 100 km/h with a brake that does not meet all the requirements for S (100 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Authorised to run in trains up to 120 km/h with a brake that does not meet all the requirements for SS (120 km/h) conditions. The wagons must be fitted with an automatic load-proportional braking system.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element>

element **MessageStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration 1 documentation: creation enumeration 2 documentation: modification enumeration 3 documentation: deletion

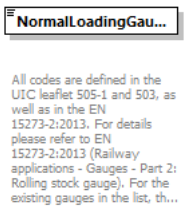
annotation	documentation Assigned by the Sender 1=creation, 2=modification, 3=deletion
source	<xs:element name="MessageStatus"> <xs:annotation> <xs:documentation>Assigned by the Sender 1=creation, 2=modification, 3=deletion</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>creation</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>modification</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>deletion</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element>

element **MRN_Type**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration MRN-E — documentation: if an EXPORT declaration has been lodged enumeration MRN-T — documentation: if a TRANSIT declaration has been lodged enumeration MRN-TS — documentation: if a TRANSIT declaration with SECURITY data has been lodged enumeration MRN-EXS — documentation: if the EXIT SUMMARY declaration has been made separately by the consignor enumeration MRN-ENS — documentation: if the ENTRY SUMMARY declaration has been made separately by the consignor
annotation	documentation Type of MRN given, CODE: CIT GLV-CIM appendix 2
source	<xs:element name="MRN_Type"> <xs:annotation> <xs:documentation>Type of MRN given, CODE: CIT GLV-CIM appendix 2</xs:documentation> </xs:annotation> <xs:simpleType>

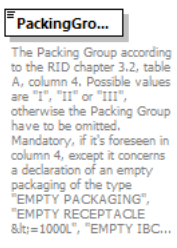
```
    <xs:restriction base="xs:token">
      <xs:enumeration value="MRN-E">
        <xs:annotation>
          <xs:documentation>if an EXPORT declaration has been
lodged</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="MRN-T">
        <xs:annotation>
          <xs:documentation>if a TRANSIT declaration has been
lodged</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="MRN-TS">
        <xs:annotation>
          <xs:documentation>if a TRANSIT declaration with SECURITY data has
been lodged</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="MRN-EXS">
        <xs:annotation>
          <xs:documentation>if the EXIT SUMMARY declaration has been made
separately by the consignor</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="MRN-ENS">
        <xs:annotation>
          <xs:documentation>if the ENTRY SUMMARY declaration has been made
separately by the consignor</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **NormalLoadingGauge**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration G1 enumeration G2 enumeration GA enumeration GB enumeration GC

	enumeration GB1 enumeration GB2 enumeration GB-M6 enumeration GHE16 enumeration W6-A enumeration SEa
annotation	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.
source	<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>

element **PackingGroup**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration I documentation

	High danger enumeration II documentation Medium danger enumeration III documentation Low danger
annotation	documentation The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".
source	<xs:element name="PackingGroup"> <xs:annotation> <xs:documentation>The Packing Group according to the RID chapter 3.2, table A, column 4. Possible values are "I", "II" or "III", otherwise the Packing Group have to be omitted. Mandatory, if it's foreseen in column 4, except it concerns a declaration of an empty packaging of the type "EMPTY PACKAGING", "EMPTY RECEPTACLE <=1000L", "EMPTY IBC" or "EMPTY LARGE PACKAGING".</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="I"> <xs:annotation> <xs:documentation>High danger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="II"> <xs:annotation> <xs:documentation>Medium danger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="III"> <xs:annotation> <xs:documentation>Low danger</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element>

element **PrepaidcodeCarrier**

diagram	PrepaidcodeCarrier Prepaidcode (given by the railway)
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration 10 documentation prepaid freight enumeration 11 documentation prepaid freight including... enumeration 12 documentation prepaid freight including...up to border of origin country enumeration 13 documentation

	prepaid freight including...up to exit border of last transit country enumeration 14 documentation prepaid freight including...up to exit border of other countries enumeration 15 documentation prepaid freight up to border of origin country enumeration 16 documentation prepaid freight up to exit border of last transit country enumeration 17 documentation prepaid freight up to exit border of other countries enumeration 20 documentation prepaid all costs enumeration 42 documentation Free carrier enumeration 43 documentation Carriage paid to... enumeration 44 documentation Delivered duty unpaid enumeration 45 documentation Carriage insurance paid enumeration 46 documentation Delivered at terminal enumeration 47 documentation Delivered at place enumeration 90 documentation not prepaid
annotation	documentation Prepaidcode (given by the railway)
source	<xs:element name="PrepaidcodeCarrier"> <xs:annotation> <xs:documentation>Prepaidcode (given by the railway)</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>prepaid freight</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>prepaid freight including... </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>prepaid freight including...up to border of origin country</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of last transit country </xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>prepaid freight including...up to exit border of other countries </xs:documentation> </xs:annotation>

```
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>prepaid freight up to border of origin country
</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>prepaid freight up to exit border of last
transit country</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="17">
        <xs:annotation>
          <xs:documentation>prepaid freight up to exit border of other
countries </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="20">
        <xs:annotation>
          <xs:documentation>prepaid all costs</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="42">
        <xs:annotation>
          <xs:documentation>Free carrier </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="43">
        <xs:annotation>
          <xs:documentation>Carriage paid to...</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="44">
        <xs:annotation>
          <xs:documentation>Delivered duty unpaid</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="45">
        <xs:annotation>
          <xs:documentation>Carriage insurance paid </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="46">
        <xs:annotation>
          <xs:documentation>Delivered at terminal</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="47">
        <xs:annotation>
          <xs:documentation>Delivered at place</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="90">
        <xs:annotation>
          <xs:documentation>not prepaid</xs:documentation>
        </xs:annotation>
```

```
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **PrepaidCodeCustomer**

diagram

namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:token**

properties: content simple

facets

Kind	Value	Annotation
enumeration	10	documentation: prepaid freight
enumeration	11	documentation: prepaid freight including...
enumeration	12	documentation: prepaid freight including...up to border of origin country
enumeration	13	documentation: prepaid freight including...up to exit border of last transit country
enumeration	14	documentation: prepaid freight including...up to exit border of other countries
enumeration	15	documentation: prepaid freight up to border of origin country
enumeration	16	documentation: prepaid freight up to exit border of last transit country
enumeration	17	documentation: prepaid freight up to exit border of other countries
enumeration	20	documentation: prepaid all costs
enumeration	42	documentation: Free carrier
enumeration	43	documentation: Carriage paid to...
enumeration	44	documentation: Delivered duty unpaid
enumeration	45	documentation: Carriage insurance paid
enumeration	46	documentation: Delivered at terminal
enumeration	47	documentation: Delivered at place
enumeration	90	documentation: not prepaid

annotation

documentation
Prepaidcode (given by the customer)

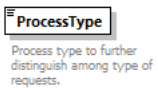
source

```
<xs:element name="PrepaidCodeCustomer">
  <xs:annotation>
    <xs:documentation>Prepaidcode (given by the customer)</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="10">
        <xs:annotation>
          <xs:documentation>prepaid freight</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="11">
        <xs:annotation>
          <xs:documentation>prepaid freight including... </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="12">
        <xs:annotation>
          <xs:documentation>prepaid freight including...up to border of
origin country</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="13">
        <xs:annotation>
          <xs:documentation>prepaid freight including...up to exit border of
last transit country </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>prepaid freight including...up to exit border of
other countries </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>prepaid freight up to border of origin country
</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>prepaid freight up to exit border of last
transit country</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="17">
        <xs:annotation>
          <xs:documentation>prepaid freight up to exit border of other
countries </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="20">
        <xs:annotation>
          <xs:documentation>prepaid all costs</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="42">
        <xs:annotation>
          <xs:documentation>Free carrier </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="43">
        <xs:annotation>
          <xs:documentation>Carriage paid to...</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
```

```
      <xs:enumeration value="44">
        <xs:annotation>
          <xs:documentation>Delivered duty unpaid</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="45">
        <xs:annotation>
          <xs:documentation>Carriage insurance paid </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="46">
        <xs:annotation>
          <xs:documentation>Delivered at terminal</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="47">
        <xs:annotation>
          <xs:documentation>Delivered at place</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="90">
        <xs:annotation>
          <xs:documentation>not prepaid</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ProcessType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple

facets

Kind	Value	Annotation
enumeration	0	documentation New Path Request and allocation process for annual timetable
enumeration	1	documentation Late Path Request and allocation process for annual timetable
enumeration	2	documentation Short-term path request and allocation process
enumeration	3	documentation Rolling Planning path request and allocation process
enumeration	4	documentation Feasibility Study process
enumeration	5	documentation Path Modification process (triggered by applicant)
enumeration	6	documentation Path Alteration process (triggered by IM)
enumeration	7	documentation Pre-arranged Path publication by RFC
enumeration	8	documentation Catalogue Path publication by IM

annotation	documentation Process type to further distinguish among type of requests.

source

```
<xs:element name="ProcessType">
  <xs:annotation>
    <xs:documentation>Process type to further distinguish among type of
requests.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="0">
        <xs:annotation>
          <xs:documentation>New Path Request and allocation process for
annual timetable</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Late Path Request and allocation process for
annual timetable</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Short-term path request and allocation
process</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Rolling Planning path request and allocation
process</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4">
        <xs:annotation>
          <xs:documentation>Feasibility Study process</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>Path Modification process (triggered by
applicant)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
        <xs:annotation>
          <xs:documentation>Path Alteration process (triggered by
IM)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7">
        <xs:annotation>
          <xs:documentation>Pre-arranged Path publication by
RFC</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
```

```
        <xs:annotation>
          <xs:documentation>Catalogue Path publication by
IM</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **ReasonOfReference**

diagram

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	content simple
facets	Kind Value Annotation minLength 4 maxLength 4 enumeration 1000 documentation Same path offer is desired as for stated PathRequestMessage enumeration 1001 documentation Same path is desired as for stated train/path enumeration 1002 documentation Full replacement of stated previous path enumeration 1003 documentation Partial replacement of stated previous path enumeration 1004 documentation Reference to sub train of Y-train bundle enumeration 1005 documentation Reference to main train of Y-train bundle enumeration 1006 documentation Reference to another PathRequestMessage after interruption train's journey by a foreign infrastructure area enumeration 1007 documentation Reference to another PathRequestMessage before interruption train's journey by a foreign infrastructure area enumeration 1008 documentation Reference to further path offer for the PathRequestMessage enumeration 1009 documentation Reference to booked path before interruption by railway replacement traffic by bus enumeration 1010 documentation Reference to a PreArrangedPath enumeration 1011 documentation Only the new train object shall be linked with the existing booked path for the specified validity period; no new path elaboration is needed enumeration 1012 documentation New final offer to former draft offer enumeration 1013 documentation Replaced path after modification by ResponsibleApplicant enumeration 1014 documentation New Route enumeration 1015 documentation Updated Route enumeration 5001 documentation Reference to another object on the basis of incident management in operations phase enumeration DE01 documentation Reference to an associated empty/transfer train enumeration DE02 documentation Reference to an associated main run enumeration DE03 documentation Notice stated PathRequestMessage enumeration DE04 documentation Replacement of stated train enumeration DE05 documentation Reference to a reserved capacity enumeration DE06 documentation Use of same OTN as of stated train
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 (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID). 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.) 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.) 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.) 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.) 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.) 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). 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). 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). 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.) 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.) 1014 = New Route (Additional information: Reference to previous Route replaced by the new Route) 1015 = Updated Route (Additional information: Reference to the Route that is updated) 5001 = Reference to another object on the basis of incident management in operations phase Specific code only for one IM/national codes: 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.) 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.) DE03 = Notice stated PathRequestMessage (Additional information: For path elaboration of current PathRequestMessage the stated PathRequestMessage should be considered. RPTID: PathRequestID.) 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.) 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.) 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.)
source	<xs:element name="ReasonOfReference"> <xs:annotation> <xs: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 (Additional information: The current path given in PathDetailsMessage will replace the stated path partially after confirming the path offer. The code is used to mark an alternative offer after PathNotAvailableMessage/PathCanceledMessage or path alteration by IM only for a part of the previous calendar/traffic days. Calendar of offered path is only part of the calendar of former and changed path. The calendar of the previous path has to changed (less days and shorter validity period) after confirmation of the offered path. RPTID: PathID). 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.) 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.) 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.) 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.) 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.) 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). 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). 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). 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.)
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.)
1014 = New Route
    (Additional information: Reference to previous Route replaced by the new
Route)

1015 = Updated Route
    (Additional information: Reference to the Route that is updated)
5001 = Reference to another object on the basis of incident management in
operations phase
Specific code only for one IM/national codes:

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.)
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.)
DE03 = Notice stated PathRequestMessage
    (Additional information: For path elaboration of current
PathRequestMessage the stated PathRequestMessage should be considered.
    RPTID: PathRequestID.)
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.)
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.)
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.)

</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="4"/>
      <xs:maxLength value="4"/>
      <xs:enumeration value="1000">
        <xs:annotation>
          <xs:documentation>Same path offer is desired as for stated
PathRequestMessage</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <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
bundle</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1005">
        <xs:annotation>
          <xs:documentation>Reference to main train of Y-train
bundle</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1006">
        <xs:annotation>
          <xs:documentation>Reference to another PathRequestMessage after
interruption train’s journey by a foreign infrastructure
area</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1007">
        <xs:annotation>
          <xs:documentation>Reference to another PathRequestMessage before
interruption train’s journey by a foreign infrastructure
area</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1008">
        <xs:annotation>
          <xs:documentation>Reference to further path offer for the
PathRequestMessage</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1009">
        <xs:annotation>
          <xs:documentation>Reference to booked path before interruption by
railway replacement traffic by bus</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1010">
        <xs:annotation>
          <xs:documentation>Reference to a
PreArrangedPath</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1011">
        <xs:annotation>
          <xs:documentation>Only the new train object shall be linked with
the existing booked path for the specified validity period; no new path
elaboration is needed</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1012">
        <xs:annotation>
          <xs:documentation>New final offer to former draft
offer</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1013">
        <xs:annotation>
          <xs:documentation>Replaced path after modification by
ResponsibleApplicant</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1014">
        <xs:annotation>
          <xs:documentation>New Route</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1015">
        <xs:annotation>
          <xs:documentation>Updated Route</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5001">
        <xs:annotation>
          <xs:documentation>Reference to another object on the basis of
incident management in operations phase</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DE01">
        <xs:annotation>
          <xs:documentation>Reference to an associated empty/transfer
train</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DE02">
        <xs:annotation>
          <xs:documentation>Reference to an associated main
run</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DE03">
        <xs:annotation>
          <xs:documentation>Notice stated
PathRequestMessage</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DE04">
        <xs:annotation>
          <xs:documentation>Replacement of stated train</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DE05">
        <xs:annotation>
          <xs:documentation>Reference to a reserved
capacity</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="DE06">
        <xs:annotation>
          <xs:documentation>Use of same OTN as of stated
train</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **RefusalCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple
facets	Kind / Value / Annotation enumeration 1 — documentation: Data not authorised by Wagon Keeper enumeration 2 — documentation: Wagon number freight unknown
annotation	documentation Code List Candidate

source

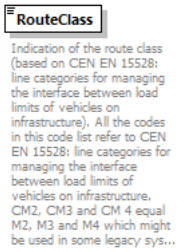
```
<xs:element name="RefusalCode">
  <xs:annotation>
    <xs:documentation>Code List Candidate</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Data not authorised by Wagon
Keeper</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Wagon number freight unknown</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **RollingRoadUnitType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration HGZ documentation articulated lorry enumeration SAL documentation semi-trailer enumeration MW documentation motor vehicle enumeration ANH documentation trailer
annotation	documentation Type of Rolling Road unit on Wagon

source	`<xs:element name="RollingRoadUnitType">`
	`<xs:annotation>`
	`<xs:documentation>Type of Rolling Road unit on Wagon</xs:documentation>`
	`</xs:annotation>`
	`<xs:simpleType>`
	`<xs:restriction base="xs:token">`
	`<xs:enumeration value="HGZ">`
	`<xs:annotation>`
	`<xs:documentation>articulated lorry</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`<xs:enumeration value="SAL">`
	`<xs:annotation>`
	`<xs:documentation>semi-trailer</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`<xs:enumeration value="MW">`
	`<xs:annotation>`
	`<xs:documentation>motor vehicle</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`<xs:enumeration value="ANH">`
	`<xs:annotation>`
	`<xs:documentation>trailer</xs:documentation>`
	`</xs:annotation>`
	`</xs:enumeration>`
	`</xs:restriction>`
	`</xs:simpleType>`
	`</xs:element>`

element **RouteClass**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	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.
source	<xs:element name="RouteClass"> <xs:annotation> <xs:documentation>Indication of the route class (based on CEN EN 15528: line categories for managing the interface between load limits of vehicles

```
on infrastructure). All the codes in this code list refer to CEN EN 15528:
line categories for managing the interface between load limits of vehicles
on infrastructure.
CM2, CM3 and CM 4 equal M2, M3 and M4 which might be used in some legacy
systems which only support two character codes.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="3"/>
      <xs:enumeration value="A"/>
      <xs:enumeration value="B"/>
      <xs:enumeration value="B1"/>
      <xs:enumeration value="B2"/>
      <xs:enumeration value="C"/>
      <xs:enumeration value="C2"/>
      <xs:enumeration value="C3"/>
      <xs:enumeration value="C4"/>
      <xs:enumeration value="CM"/>
      <xs:enumeration value="CM2"/>
      <xs:enumeration value="CM3"/>
      <xs:enumeration value="CM4"/>
      <xs:enumeration value="CE"/>
      <xs:enumeration value="D"/>
      <xs:enumeration value="D2"/>
      <xs:enumeration value="D3"/>
      <xs:enumeration value="D4"/>
      <xs:enumeration value="D5"/>
      <xs:enumeration value="E"/>
      <xs:enumeration value="E4"/>
      <xs:enumeration value="E5"/>
      <xs:enumeration value="E6"/>
      <xs:enumeration value="F"/>
      <xs:enumeration value="G"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **RU_DeclarationCode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
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 the consignor
	enumeration	11	documentation Examination not made because of a shortage of resources: ... (give details)
	enumeration	12	documentation Other reserves: ... (give details)
	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.
annotation	documentation Carrier declaration code.		

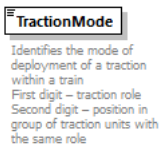
source

```
<xs:element name="RU_DeclarationCode">
  <xs:annotation>
    <xs:documentation>Carrier declaration code. </xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Without packing</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Unsatisfactory packaging: ...(give
details)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Insufficient packaging: ... (give
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: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>
```

element **TractionMode**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple

facets

Kind	Value	Annotation
minInclusive	11	
maxInclusive	99	
enumeration	11	documentation Train traction - 1st traction unit in the group
enumeration	21	documentation Intermediate traction - 1st traction unit in the group
enumeration	31	documentation Banking locomotive - 1st traction unit in the group

	enumeration 41 documentation Banking locomotive not coupled - 1st traction unit in the group enumeration 51 documentation No Leading Engine - 1st traction unit in the group enumeration 12 documentation Train traction - 2nd traction unit in the group enumeration 22 documentation Intermediate traction - 2nd traction unit in the group enumeration 32 documentation Banking locomotive - 2nd traction unit in the group enumeration 42 documentation Banking locomotive not coupled - 2nd traction unit in the group enumeration 52 documentation No Leading Engine - 2nd traction unit in the group enumeration 13 documentation Train traction - 3rd traction unit in the group enumeration 23 documentation Intermediate traction - 3rd traction unit in the group enumeration 33 documentation Banking locomotive - 3rd traction unit in the group enumeration 43 documentation Banking locomotive not coupled - 3rd traction unit in the group enumeration 53 documentation No Leading Engine - 3rd traction unit in the group enumeration 14 documentation Train traction - 4th traction unit in the group enumeration 24 documentation Intermediate traction - 4th traction unit in the group enumeration 34 documentation Banking locomotive - 4th traction unit in the group enumeration 44 documentation Banking locomotive not coupled - 4th traction unit in the group enumeration 54 documentation No Leading Engine - 4th traction unit in the group enumeration 15 documentation Train traction - 5th traction unit in the group enumeration 25 documentation Intermediate traction - 5th traction unit in the group enumeration 35 documentation Banking locomotive - 5th traction unit in the group enumeration 45 documentation Banking locomotive not coupled - 5th traction unit in the group enumeration 55 documentation No Leading Engine - 5th traction unit in the group enumeration 16 documentation Train traction - 6th traction unit in the group enumeration 26 documentation Intermediate traction - 6th traction unit in the group enumeration 36 documentation Banking locomotive - 6th traction unit in the group enumeration 46 documentation Banking locomotive not coupled - 6th traction unit in the group enumeration 56 documentation No Leading Engine - 6th traction unit in the group
annotation	documentation Identifies the mode of deployment of a traction within a train First digit – traction role Second digit – position in group of traction units with the same role

source	`<xs:element name="TractionMode">`
	`  <xs:annotation>`
	`  <xs:documentation>Identifies the mode of deployment of a traction within a train`

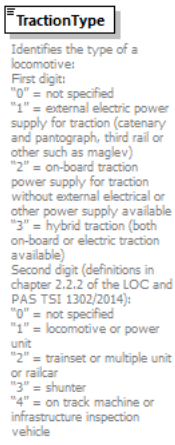
```
First digit – traction role
Second digit – position in group of traction units with the same role
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="11"/>
      <xs:maxInclusive value="99"/>
      <xs:enumeration value="11">
        <xs:annotation>
          <xs:documentation>Train traction - 1st traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="21">
        <xs:annotation>
          <xs:documentation>Intermediate traction - 1st traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="31">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 1st traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="41">
        <xs:annotation>
          <xs:documentation>Banking locomotive not coupled - 1st traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="51">
        <xs:annotation>
          <xs:documentation>No Leading Engine - 1st traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="12">
        <xs:annotation>
          <xs:documentation>Train traction - 2nd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="22">
        <xs:annotation>
          <xs:documentation>Intermediate traction - 2nd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="32">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 2nd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="42">
        <xs:annotation>
```

```
          <xs:documentation>Banking locomotive not coupled - 2nd traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="52">
        <xs:annotation>
          <xs:documentation>No Leading Engine - 2nd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="13">
        <xs:annotation>
          <xs:documentation>Train traction - 3rd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="23">
        <xs:annotation>
          <xs:documentation>Intermediate traction - 3rd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="33">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 3rd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="43">
        <xs:annotation>
          <xs:documentation>Banking locomotive not coupled - 3rd traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="53">
        <xs:annotation>
          <xs:documentation>No Leading Engine - 3rd traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>Train traction - 4th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="24">
        <xs:annotation>
          <xs:documentation>Intermediate traction - 4th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="34">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 4th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
```

```
      <xs:enumeration value="44">
        <xs:annotation>
          <xs:documentation>Banking locomotive not coupled - 4th traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="54">
        <xs:annotation>
          <xs:documentation>No Leading Engine - 4th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>Train traction - 5th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="25">
        <xs:annotation>
          <xs:documentation>Intermediate traction - 5th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="35">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 5th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="45">
        <xs:annotation>
          <xs:documentation>Banking locomotive not coupled - 5th traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="55">
        <xs:annotation>
          <xs:documentation>No Leading Engine - 5th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>Train traction - 6th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="26">
        <xs:annotation>
          <xs:documentation>Intermediate traction - 6th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="36">
        <xs:annotation>
          <xs:documentation>Banking locomotive - 6th traction unit in the
group</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="46">
        <xs:annotation>
          <xs:documentation>Banking locomotive not coupled - 6th traction
unit in the group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="56">
        <xs:annotation>
          <xs:documentation>No Leading Engine - 6th traction unit in the
group</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TractionType**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind / Value / Annotation enumeration 00 enumeration 01 enumeration 02 enumeration 03 enumeration 04 enumeration 10 enumeration 11 enumeration 12 enumeration 13 enumeration 14 enumeration 20 enumeration 21 enumeration 22

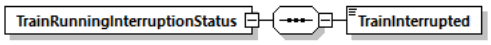
	enumeration 23 enumeration 24 enumeration 30 enumeration 31 enumeration 32 enumeration 33 enumeration 34
annotation	documentation Identifies the type of a locomotive: First digit: “0” = not specified “1” = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) “2” = on-board traction power supply for traction without external electrical or other power supply available “3” = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): “0” = not specified “1” = locomotive or power unit “2” = trainset or multiple unit or railcar “3” = shunter “4” = on track machine or infrastructure inspection vehicle
source	<xs:element name="TractionType"> <xs:annotation> <xs:documentation>Identifies the type of a locomotive: First digit: “0” = not specified “1” = external electric power supply for traction (catenary and pantograph, third rail or other such as maglev) “2” = on-board traction power supply for traction without external electrical or other power supply available “3” = hybrid traction (both on-board or electric traction available) Second digit (definitions in chapter 2.2.2 of the LOC and PAS TSI 1302/2014): “0” = not specified “1” = locomotive or power unit “2” = trainset or multiple unit or railcar “3” = shunter “4” = on track machine or infrastructure inspection vehicle </xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="00"/> <xs:enumeration value="01"/> <xs:enumeration value="02"/> <xs:enumeration value="03"/> <xs:enumeration value="04"/> <xs:enumeration value="10"/> <xs:enumeration value="11"/> <xs:enumeration value="12"/> <xs:enumeration value="13"/> <xs:enumeration value="14"/> <xs:enumeration value="20"/> <xs:enumeration value="21"/> <xs:enumeration value="22"/> <xs:enumeration value="23"/> <xs:enumeration value="24"/>

```
      <xs:enumeration value="30"/>
      <xs:enumeration value="31"/>
      <xs:enumeration value="32"/>
      <xs:enumeration value="33"/>
      <xs:enumeration value="34"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TrainRadioSystem**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration 1 enumeration 2
annotation	documentation The on board radio system of the train in coded format
source	<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>

element **TrainRunningInterruptionStatus**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
properties	content complex
children	**TrainInterrupted**
source	<xs:element name="TrainRunningInterruptionStatus"> <xs:complexType> <xs:sequence> <xs:element name="TrainInterrupted"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer">

```
            <xs:enumeration value="0">
              <xs:annotation>
                <xs:documentation>Not Interrupted</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="1">
              <xs:annotation>
                <xs:documentation>Interrupted at location
(default)</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
            <xs:enumeration value="2">
              <xs:annotation>
                <xs:documentation>Will be interrupted, not yet at
location</xs:documentation>
              </xs:annotation>
            </xs:enumeration>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

element **TrainRunningInterruptionStatus/TrainInterrupted**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	content simple

facets

Kind	Value	Annotation
enumeration	0	documentation Not Interrupted
enumeration	1	documentation Interrupted at location (default)
enumeration	2	documentation Will be interrupted, not yet at location

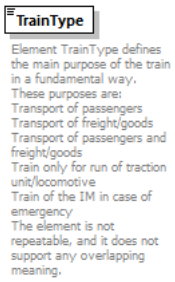
source

```
<xs:element name="TrainInterrupted">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0">
        <xs:annotation>
          <xs:documentation>Not Interrupted</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Interrupted at location
(default)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
```

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

element **TrainType**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:integer**

properties: content simple

facets

Kind	Value	Annotation
enumeration	0	documentation Other train
enumeration	1	documentation Passenger train
enumeration	2	documentation Freight train
enumeration	3	documentation Light engine (locomotive train)
enumeration	4	documentation Engineering train
enumeration	5	documentation Emergency train
enumeration	6	documentation Mixed train (passenger and freight train in combination)

annotation

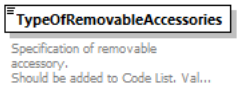
documentation
Element TrainType defines the main purpose of the train in a fundamental way. These purposes are:
Transport of passengers
Transport of freight/goods
Transport of passengers and freight/goods
Train only for run of traction unit/locomotive
Train of the IM in case of emergency
The element is not repeatable, and it does not support any overlapping meaning.

source

```
<xs:element name="TrainType">
  <xs:annotation>
    <xs:documentation>Element TrainType defines the main purpose of the
train in a fundamental way. These purposes are:
Transport of passengers
Transport of freight/goods
Transport of passengers and freight/goods
Train only for run of traction unit/locomotive
```

```
Train of the IM in case of emergency
The element is not repeatable, and it does not support any overlapping
meaning.
</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:integer">
      <xs:enumeration value="0">
        <xs:annotation>
          <xs:documentation>Other train</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>Passenger train</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>Freight train</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>Light engine (locomotive
train)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4">
        <xs:annotation>
          <xs:documentation>Engineering train</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>Emergency train</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
        <xs:annotation>
          <xs:documentation>Mixed train (passenger and freight train in
combination)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TypeOfRemovableAccessories**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**

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

annotation	documentation Specification of removable accessory. Should be added to Code List. Values refer to UIC Leaflet 920-13
source	

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

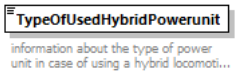
```
        <xs:annotation>
          <xs:documentation>Coupling rod (rigid coupling)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="10">
        <xs:annotation>
          <xs:documentation>Ice bunker</xs:documentation>
        </xs:annotation>
     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

```
      </xs:enumeration>
      <xs:enumeration value="20">
        <xs:annotation>
          <xs:documentation>Mooring strap on car-carrying
wagon</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="21">
        <xs:annotation>
          <xs:documentation>Beam for movable ramp on car-carrying
wagon</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="22">
        <xs:annotation>
          <xs:documentation>Spare heating half-coupling</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="23">
        <xs:annotation>
          <xs:documentation>Fire extinguisher</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="24">
        <xs:annotation>
          <xs:documentation>Wheel scotches (for cars) on car-carrying
wagon</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="25">
        <xs:annotation>
          <xs:documentation>Gangway loading ramp on car-carrying
wagon</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="26">
        <xs:annotation>
          <xs:documentation>Metal cradles for rolls of metal
sheeting</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="27">
        <xs:annotation>
          <xs:documentation>Panel for covering markings</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="28">
        <xs:annotation>
          <xs:documentation>Loading frame for special types of
goods</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="29">
        <xs:annotation>
          <xs:documentation>Headstock for "rolling roads"</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="99">
```

```
        <xs:annotation>
          <xs:documentation>Other wagon accessories</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **TypeOfUsedHybridPowerunit**

diagram



namespace: http://www.era.europa.eu/schemes/TAFTSI/3.3

type: restriction of **xs:token**

properties: content simple

facets

Kind	Value	Annotation
enumeration	1	documentation: electric (pantograph, conductor rail)
enumeration	2	documentation: liquid fuel (benzine, diesel, gasoline)
enumeration	3	documentation: battery
enumeration	4	documentation: hydrogen

annotation

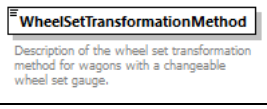
documentation
information about the type of power unit in case of using a hybrid locomotive

source

```
<xs:element name="TypeOfUsedHybridPowerunit">
  <xs:annotation>
    <xs:documentation>information about the type of power unit in case of
using a hybrid locomotive</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="1">
        <xs:annotation>
          <xs:documentation>electric (pantograph, conductor
rail)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="2">
        <xs:annotation>
          <xs:documentation>liquid fuel (benzine, diesel,
gasoline)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="3">
        <xs:annotation>
          <xs:documentation>battery</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="4">
        <xs:annotation>
          <xs:documentation>hydrogen</xs:documentation>
        </xs:annotation>
```

```
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

element **WheelSetTransformationMethod**

diagram	
namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	content simple
facets	Kind Value Annotation enumeration 1 documentation Automatic enumeration 2 documentation Bogie/axle change
annotation	documentation Description of the wheel set transformation method for wagons with a changeable wheel set gauge.
source	<xs:element name="WheelSetTransformationMethod"> <xs:annotation> <xs:documentation>Description of the wheel set transformation method for wagons with a changeable wheel set gauge.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Automatic</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bogie/axle change</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </xs:element>

simpleType **ConsignmentTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	base xs:token
facets	Kind Value Annotation enumeration CIM documentation CIM Convention Internationale Marchandises (OTIF) Source: CIM (OTIF) enumeration Other
annotation	documentation Identifies the type of a waybill.

source

```
<xs:simpleType name="ConsignmentTypeCode">
  <xs:annotation>
    <xs:documentation>Identifies the type of a waybill.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:token">
    <xs:enumeration value="CIM">
      <xs:annotation>
        <xs:documentation>CIM    Convention Internationale Marchandises
(OTIF) Source: CIM (OTIF)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="Other"/>
  </xs:restriction>
</xs:simpleType>
```

simpleType **DelayCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	base xs:token

facets

Kind	Value	Annotation
enumeration	11	documentation Formation of trains if managed by infrastructure manager
enumeration	10	documentation Timetable compilation
enumeration	12	documentation Mistakes in operational procedures
enumeration	13	documentation Wrong application of priority rules
enumeration	14	
enumeration	18	documentation Staff
enumeration	19	documentation Other causes related to the operational planning and management
enumeration	20	documentation Signalling installations
enumeration	21	documentation Signalling installations at level crossings
enumeration	22	documentation Telecommunication installations
enumeration	23	documentation Power supply equipment
enumeration	24	documentation Track
enumeration	25	documentation Structures
enumeration	28	documentation Staff
enumeration	29	documentation Other causes related to infrastructure installations
enumeration	31	documentation Irregularities in execution of construction work
enumeration	30	documentation Planned construction work
enumeration	32	documentation Speed restrictions due to defective track
enumeration	39	documentation Other causes related to Civil engineering

	enumeration 40 documentation Delay caused by next IM enumeration 41 documentation Delay caused by previous IM enumeration 50 documentation exceeding the stop time enumeration 51 documentation Request of the RU enumeration 52 documentation Loading operations enumeration 53 documentation Loading irregularities enumeration 54 documentation Commercial preparation of the train enumeration 58 documentation Staff enumeration 59 documentation Other causes related to commercial causes enumeration 60 documentation Roster planning/re-rostering enumeration 61 documentation Formation of trains by the RU enumeration 62 documentation Problems affecting coaches enumeration 63 documentation Problems affecting wagons enumeration 64 documentation Problems affecting traction units enumeration 68 documentation Staff enumeration 69 documentation Other causes related to Rolling Stock enumeration 70 documentation Delay caused by next RU enumeration 71 documentation Delay caused by previous RU enumeration 80 documentation Strike enumeration 81 documentation Administrative formalites enumeration 82 documentation Outside influence enumeration 83 documentation Effects of weather and natural causes enumeration 84 documentation Delay caused by external reasons on the next network enumeration 89 documentation Other external causes enumeration 90 documentation Dangerous incidents, accidents and hazards enumeration 91 documentation Track occupation caused by the lateness of the same train enumeration 92 documentation Track occupation caused by the lateness of another train enumeration 93 documentation Turn round enumeration 94 documentation Connection enumeration 95 documentation Further investigation needed
annotation	documentation Reason for a delay or interruption. UIC Leaflet 450-2, Appendix C.
source	`<xs:simpleType name="DelayCode">`

```
  <xs:annotation>
    <xs:documentation>Reason for a delay or interruption.  UIC Leaflet 450-
2, Appendix C.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:token">
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>Formation of trains if managed by infrastructure
manager</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>Timetable compilation</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>Mistakes in operational
procedures</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
      <xs:annotation>
        <xs:documentation>Wrong application of priority
rules</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14"/>
    <xs:enumeration value="18">
      <xs:annotation>
        <xs:documentation>Staff</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="19">
      <xs:annotation>
        <xs:documentation>Other causes related to the operational planning
and management</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="20">
      <xs:annotation>
        <xs:documentation>Signalling installations</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="21">
      <xs:annotation>
        <xs:documentation>Signalling installations at level
crossings</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="22">
      <xs:annotation>
        <xs:documentation>Telecommunication installations</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="23">
      <xs:annotation>
```

```
        <xs:documentation>Power supply equipment</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
      <xs:annotation>
        <xs:documentation>Track</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
      <xs:annotation>
        <xs:documentation>Structures</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="28">
      <xs:annotation>
        <xs:documentation>Staff</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="29">
      <xs:annotation>
        <xs:documentation>Other causes related to infrastructure
installations</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="31">
      <xs:annotation>
        <xs:documentation>Irregularities in execution of construction
work</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="30">
      <xs:annotation>
        <xs:documentation>Planned construction work</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="32">
      <xs:annotation>
        <xs:documentation>Speed restrictions due to defective
track</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="39">
      <xs:annotation>
        <xs:documentation>Other causes related to Civil
engineering</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="40">
      <xs:annotation>
        <xs:documentation>Delay caused by next IM</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="41">
      <xs:annotation>
        <xs:documentation>Delay caused by previous IM</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="50">
```

```
      <xs:annotation>
        <xs:documentation>exceeding the stop time</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="51">
      <xs:annotation>
        <xs:documentation>Request of the RU</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="52">
      <xs:annotation>
        <xs:documentation>Loading operations</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="53">
      <xs:annotation>
        <xs:documentation>Loading irregularities</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="54">
      <xs:annotation>
        <xs:documentation>Commercial preparation of the
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="58">
      <xs:annotation>
        <xs:documentation>Staff</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="59">
      <xs:annotation>
        <xs:documentation>Other causes related to commercial
causes</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="60">
      <xs:annotation>
        <xs:documentation>Roster planning/re-rostering</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="61">
      <xs:annotation>
        <xs:documentation>Formation of trains by the RU</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="62">
      <xs:annotation>
        <xs:documentation>Problems affecting coaches</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="63">
      <xs:annotation>
        <xs:documentation>Problems affecting wagons</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="64">
      <xs:annotation>
```

```
        <xs:documentation>Problems affecting traction
units</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="68">
      <xs:annotation>
        <xs:documentation>Staff</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="69">
      <xs:annotation>
        <xs:documentation>Other causes related to Rolling
Stock</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="70">
      <xs:annotation>
        <xs:documentation>Delay caused by next RU</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="71">
      <xs:annotation>
        <xs:documentation>Delay caused by previous RU</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="80">
      <xs:annotation>
        <xs:documentation>Strike</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="81">
      <xs:annotation>
        <xs:documentation>Administrative formalites</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="82">
      <xs:annotation>
        <xs:documentation>Outside influence</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="83">
      <xs:annotation>
        <xs:documentation>Effects of weather and natural
causes</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="84">
      <xs:annotation>
        <xs:documentation>Delay caused by external reasons on the next
network</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="89">
      <xs:annotation>
        <xs:documentation>Other external causes</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="90">
```

```
      <xs:annotation>
        <xs:documentation>Dangerous incidents, accidents and
hazards</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="91">
      <xs:annotation>
        <xs:documentation>Track occupation caused by the lateness of the
same train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="92">
      <xs:annotation>
        <xs:documentation>Track occupation caused by the lateness of another
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="93">
      <xs:annotation>
        <xs:documentation>Turn round</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="94">
      <xs:annotation>
        <xs:documentation>Connection</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="95">
      <xs:annotation>
        <xs:documentation>Further investigation needed</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

simpleType **InfoIndex**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
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	<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>
```

simpleType **MessageCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	base xs:integer
facets	Kind / Value / Annotation minInclusive 1 maxInclusive 9999
annotation	documentation Identifies the type of message
source	<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>

simpleType **RestrictionCodes**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	base xs:token
facets	Kind / Value / Annotation enumeration 07 documentation: F - Shunt only when hand brake operable with ground staff enumeration 08 documentation: F - Tank wagon loaded with liquid enumeration 09 documentation: F - Wagon loaded with people enumeration 11 documentation: F - Wagon other than bogie wagon with wheelbase of more than 9 metres enumeration 12 documentation: F - Bogie wagon with distance between wheels of more than 14 metres and up to and including a distance of 17,50 metres enumeration 13 documentation: F - Bogie wagon with distance between wheels of more than 17,50 metres enumeration 15 documentation: F - Wagon not allowed over the hump enumeration 16 documentation: F - Do not fly shunt or gravity shunt (3 red triangles) enumeration 18 documentation: F - Must not use active braking equipment enumeration 25 documentation: F - Gas carrying tank wagon with orange side stripe enumeration 30 documentation: P (+F) - CCS fault (see CCS coding list) enumeration 31 documentation: P (+F) - Braking system fault

	enumeration 32 documentation P (+F) - Wheelset, bogie fault enumeration 33 documentation P (+F) - Headlighting or back lighting fault enumeration 34 documentation P (+F) - Front glass broken enumeration 35 documentation P (+F) - Horn fault enumeration 36 documentation P (+F) - Radio fault enumeration 37 documentation P (+F) - Energy supply fault enumeration 38 documentation P (+F) - Traction or motor fault enumeration 39 documentation P - Access door fault enumeration 41 documentation F - Place this wagon at the front of the train enumeration 42 documentation F - Place this wagon at the rear of the train enumeration 50 documentation P (+F) - Speed restriction enumeration 52 documentation P (+F) - Diesel locomotive instead of electric locomotive enumeration 61 documentation F - Wagon forming part of a consignment of several wagons enumeration 62 documentation F - Wagon forming part of a group of wagons from which it must not be separated enumeration 63 documentation F (+P) - Special consignment or (for Passengers trains) loading/cinematic gauge larger than the planned one enumeration 68 documentation F - First or last wagon of a wagon group from which it must not be separated enumeration 70 documentation F - Shunt with care (1 red triangle) enumeration 71 documentation F - Shunt with special care (2 red triangle) enumeration 90 documentation P - Train planned with passengers operated without passengers enumeration 91 documentation P - Train planned without passengers operated with passengers enumeration 92 documentation P - Train planned with hauled rolling stock and operated without any coaches (light engine) enumeration 94 documentation F - Gas carrying wagon without orange side stripe enumeration 99 documentation P - Other
annotation	documentation All codes of Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers Traffic are in the same list. F = Freight P = Passenger T = Technical D = Damage L = Load Code F or P Description T D L 07 F Shunt only when hand brake operable with ground staff

| | | |

| | | |

source

```
<xs:simpleType name="RestrictionCodes">
  <xs:annotation>
    <xs:documentation>
                                                                All codes of
Transport restrictions for Freight Traffic (cf. UIC 920-13) and Passengers
Traffic are in the same list.
                                                                F = Freight
P = Passenger
T = Technical
D = Damage
L = Load

Code   F or P Description


                                          T     D     L
07     F      Shunt only when hand brake operable with ground staff


       x            x
08     F      Tank wagon loaded with liquid


                                                  x
09     F      Wagon loaded with people


                                                  x
11     F      Wagon other than bogie wagon with wheelbase of more than 9
metres
                                                  x
12     F      Bogie wagon with distance between wheels of more than 14 metres
and up to and including a distance of 17,50 metres   x
13     F      Bogie wagon with distance between wheels of more than 17,50
metres
                                                  x
15     F      Wagon not allowed over the hump


                             x     x     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
25     F      Gas carrying tank wagon with orange side stripe


               x
30     P (+F) CCS fault (see CCS coding list)
```

| | | |

```
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
                                                  x
70     F      Shunt with care (1 red triangle)


                                 x      x      x
71     F      Shunt with special care (2 red triangle)


                             x      x      x
90     P      Train planned with passengers operated without passengers


       x
91     P      Train planned without passengers operated with passengers


       x
92     P      Train planned with hauled rolling stock and operated without
any coaches (light engine)
                                 x      x
94     F      Gas carrying wagon without orange side stripe


              x
99     P      Other


                                                                        x
       x


       </xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:token">
    <xs:enumeration value="07">
      <xs:annotation>
        <xs:documentation>F - Shunt only when hand brake operable with
ground staff</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
      <xs:annotation>
        <xs:documentation>F - Tank wagon loaded with
liquid</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
      <xs:annotation>
        <xs:documentation>F - Wagon loaded with people</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
```

```
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>F - Wagon other than bogie wagon with wheelbase of
more than 9 metres</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>F - Bogie wagon with distance between wheels of
more than 14 metres and up to and including a distance of 17,50
metres</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
      <xs:annotation>
        <xs:documentation>F - Bogie wagon with distance between wheels of
more than 17,50 metres</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
      <xs:annotation>
        <xs:documentation>F - Wagon not allowed over the
hump</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
      <xs:annotation>
        <xs:documentation>F - Do not fly shunt or gravity shunt (3 red
triangles)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="18">
      <xs:annotation>
        <xs:documentation>F - Must not use active braking
equipment</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
      <xs:annotation>
        <xs:documentation>F - Gas carrying tank wagon with orange side
stripe</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="30">
      <xs:annotation>
        <xs:documentation>P (+F) - CCS fault (see CCS coding
list)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="31">
      <xs:annotation>
        <xs:documentation>P (+F) - Braking system fault</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="32">
      <xs:annotation>
        <xs:documentation>P (+F) - Wheelset, bogie fault</xs:documentation>
      </xs:annotation>
```

```
    </xs:enumeration>
    <xs:enumeration value="33">
      <xs:annotation>
        <xs:documentation>P (+F) - Headlighting or back lighting
fault</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="34">
      <xs:annotation>
        <xs:documentation>P (+F) - Front glass broken</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="35">
      <xs:annotation>
        <xs:documentation>P (+F) - Horn fault</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="36">
      <xs:annotation>
        <xs:documentation>P (+F) - Radio fault</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="37">
      <xs:annotation>
        <xs:documentation>P (+F) - Energy supply fault</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="38">
      <xs:annotation>
        <xs:documentation>P (+F) - Traction or motor
fault</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="39">
      <xs:annotation>
        <xs:documentation>P - Access door fault</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="41">
      <xs:annotation>
        <xs:documentation>F - Place this wagon at the front of the
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
      <xs:annotation>
        <xs:documentation>F - Place this wagon at the rear of the
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="50">
      <xs:annotation>
        <xs:documentation>P (+F) - Speed restriction</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="52">
      <xs:annotation>
        <xs:documentation>P (+F) - Diesel locomotive instead of electric
```

```
locomotive</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="61">
      <xs:annotation>
        <xs:documentation>F - Wagon forming part of a consignment of several
wagons</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="62">
      <xs:annotation>
        <xs:documentation>F - Wagon forming part of a group of wagons from
which it must not be separated</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="63">
      <xs:annotation>
        <xs:documentation>F (+P) - Special consignment or (for Passengers
trains) loading/cinematic gauge larger than the planned
one</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="68">
      <xs:annotation>
        <xs:documentation>F - First or last wagon of a wagon group from
which it must not be separated</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="70">
      <xs:annotation>
        <xs:documentation>F - Shunt with care (1 red
triangle)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="71">
      <xs:annotation>
        <xs:documentation>F - Shunt with special care (2 red
triangle)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="90">
      <xs:annotation>
        <xs:documentation>P - Train planned with passengers operated without
passengers</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="91">
      <xs:annotation>
        <xs:documentation>P - Train planned without passengers operated with
passengers</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="92">
      <xs:annotation>
        <xs:documentation>P - Train planned with hauled rolling stock and
operated without any coaches (light engine)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
```

```
    <xs:enumeration value="94">
      <xs:annotation>
        <xs:documentation>F - Gas carrying wagon without orange side
stripe</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="99">
      <xs:annotation>
        <xs:documentation>P - Other</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

simpleType **RunningStatus**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	base xs:token

facets

Kind	Value	Annotation
enumeration	00	documentation: Not specified
enumeration	01	documentation: Arrival at destination
enumeration	02	documentation: Departure at origin
enumeration	03	documentation: Intermediate arrival
enumeration	04	documentation: Intermediate departure
enumeration	05	documentation: Pass through
enumeration	06	documentation: NEW CODES: Some IMs are transmitting these codes (6 - 9)
enumeration	07	
enumeration	08	
enumeration	09	
enumeration	10	documentation: Not specified for wagon
enumeration	11	documentation: Wagon arrival at its destination by train
enumeration	12	documentation: Wagon departure from its station of origin by train
enumeration	13	documentation: Wagon arrival at reporting point by train
enumeration	14	documentation: Wagon departure from reporting point by train
enumeration	15	documentation: Wagon run-through at reporting point by train
enumeration	16	documentation: Wagon parked at reporting point
enumeration	17	documentation: Wagon shunted at reporting point
enumeration	18	documentation: Wagon arrived at reporting point
enumeration	19	documentation: Wagon departure from reporting point

annotation	documentation Identifies the status of a train related to the actual time at the reporting point.

source

```
<xs:simpleType name="RunningStatus">
  <xs:annotation>
    <xs:documentation>Identifies the status of a train related to the actual
time at the reporting point.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:token">
    <xs:enumeration value="00">
      <xs:annotation>
        <xs:documentation>Not specified</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="01">
      <xs:annotation>
        <xs:documentation>Arrival at destination</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="02">
      <xs:annotation>
        <xs:documentation>Departure at origin</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="03">
      <xs:annotation>
        <xs:documentation>Intermediate arrival</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="04">
      <xs:annotation>
        <xs:documentation>Intermediate departure</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="05">
      <xs:annotation>
        <xs:documentation>Pass through</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="06">
      <xs:annotation>
        <xs:documentation>NEW CODES: Some IMs are transmitting these codes
(6 - 9)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="07">
      <xs:annotation>
        <xs:documentation/>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="08">
      <xs:annotation>
        <xs:documentation/>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="09">
      <xs:annotation>
        <xs:documentation/>
```

```
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>Not specified for wagon</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>Wagon arrival at its destination by
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>Wagon departure from its station of origin by
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
      <xs:annotation>
        <xs:documentation>Wagon arrival at reporting point by
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14">
      <xs:annotation>
        <xs:documentation>Wagon departure from reporting point by
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
      <xs:annotation>
        <xs:documentation>Wagon run-through at reporting point by
train</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
      <xs:annotation>
        <xs:documentation>Wagon parked at reporting point</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="17">
      <xs:annotation>
        <xs:documentation>Wagon shunted at reporting
point</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="18">
      <xs:annotation>
        <xs:documentation>Wagon arrived at reporting
point</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="19">
      <xs:annotation>
        <xs:documentation>Wagon departure from reporting
point</xs:documentation>
```

```
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

simpleType **TrainCC_SystemCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	base xs:token

facets

Kind	Value	Annotation
enumeration	01	
enumeration	02	
enumeration	03	
enumeration	04	
enumeration	05	
enumeration	06	
enumeration	07	
enumeration	08	
enumeration	09	
enumeration	10	
enumeration	11	
enumeration	12	
enumeration	13	
enumeration	14	
enumeration	15	
enumeration	16	
enumeration	17	
enumeration	18	
enumeration	19	
enumeration	20	
enumeration	21	
enumeration	22	
enumeration	23	
enumeration	24	
enumeration	25	
enumeration	26	
enumeration	27	
enumeration	28	
enumeration	29	
enumeration	30	
enumeration	31	
enumeration	32	
enumeration	33	
enumeration	34	
enumeration	35	
enumeration	36	
enumeration	37	

	enumeration 38 enumeration 39 enumeration 40 enumeration 41 enumeration 42 enumeration 43 enumeration 44 enumeration 45 enumeration 46 enumeration 47 enumeration 48 enumeration 49 enumeration 50 enumeration 51 enumeration 52 enumeration 53 enumeration 54
annotation	documentation Type of Train Control System Identifies the command control system of the train in coded values. 1 ALSN 2 ASFA 3 ATB 1st Gen 4 ATB Next Gen 5 ATC 6 ATP 7 CIR 1 (traction unit is equipped with LZB CIR-ELKE I) 8 CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II) 9 CIR 2 (traction unit is equipped with LZB CIR-ELKE II) 10 Crocodile 11 DAAT 12 EBICAB 700 13 EBICAB 900 14 EFA (all traction units/driving cabins of the train are equipped with an electronic drivers cab display (EFA)) 15 ETCS L1 LS plus EuroZUB 16 ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1 version 2.3.0d) 17 ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2 version 2.3.0d) 18 ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version 3.3.0) 19 ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version 3.4.0) 20 ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version 3.6.0) 21 ETCS Level 0 22 ETCS Level 1 23 ETCS Level 2 24 ETCS Level 3 25 ETCS Level NSC 26 EVM 27 Indusi 54 28 Indusi 60 R 29 Indusi PZ 80 30 KBS-E 31 KCVB 32 KCVP 33 KVB 34 KVBP 35 LS 36 LS 90 37 LS I 38 LS III

39 LS IV
40 LZB
41 Mirel
42 NEXTEO
43 PZB
44 PZB90
45 SCMT
46 SHP
47 SIFA
48 STM ASFA
49 STM LZB
50 TBL 1
51 TBL 2
52 TVM 300
53 TVM 430
54 ZUB

source

```
<xs:simpleType name="TrainCC_SystemCode">
  <xs:annotation>
    <xs:documentation>Type of Train Control System
Identifies the command control system of the train in coded values.
1    ALSN
2    ASFA
3    ATB 1st Gen
4    ATB Next Gen
5    ATC
6    ATP
7    CIR 1 (traction unit is equipped with LZB CIR-ELKE I)
8    CIR 1+2 (traction unit is equipped with LZB CIR-ELKE I + II)
9    CIR 2 (traction unit is equipped with LZB CIR-ELKE II)
10    Crocodile
11    DAAT
12    EBICAB 700
13    EBICAB 900
14    EFA (all traction units/driving cabins of the train are equipped with
an electronic drivers cab display (EFA))
15    ETCS L1 LS plus EuroZUB
16    ETCS L1 SRS 2.3.0d (traction unit is equipped with ETCS Level 1
version 2.3.0d)
17    ETCS L2 SRS 2.3.0d (traction unit is equipped with ETCS Level 2
version 2.3.0d)
18    ETCS L2 SRS 3.3.0 (traction unit is equipped with ETCS Level 2 version
3.3.0)
19    ETCS L2 SRS 3.4.0 (traction unit is equipped with ETCS Level 2 version
3.4.0)
20    ETCS L2 SRS 3.6.0 (traction unit is equipped with ETCS Level 2 version
3.6.0)
21    ETCS Level 0
22    ETCS Level 1
23    ETCS Level 2
24    ETCS Level 3
25    ETCS Level NSC
26    EVM
27    Indusi 54
28    Indusi 60 R
29    Indusi PZ 80
30    KBS-E
31    KCVB
32    KCVP
33    KVB
```

```
34    KVBP
35    LS
36    LS 90
37    LS I
38    LS III
39    LS IV
40    LZB
41    Mirel
42    NEXTEO
43    PZB
44    PZB90
45    SCMT
46    SHP
47    SIFA
48    STM ASFA
49    STM LZB
50    TBL 1
51    TBL 2
52    TVM 300
53    TVM 430
54    ZUB</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:token">
    <xs:enumeration value="01"/>
    <xs:enumeration value="02"/>
    <xs:enumeration value="03"/>
    <xs:enumeration value="04"/>
    <xs:enumeration value="05"/>
    <xs:enumeration value="06"/>
    <xs:enumeration value="07"/>
    <xs:enumeration value="08"/>
    <xs:enumeration value="09"/>
    <xs:enumeration value="10"/>
    <xs:enumeration value="11"/>
    <xs:enumeration value="12"/>
    <xs:enumeration value="13"/>
    <xs:enumeration value="14"/>
    <xs:enumeration value="15"/>
    <xs:enumeration value="16"/>
    <xs:enumeration value="17"/>
    <xs:enumeration value="18"/>
    <xs:enumeration value="19"/>
    <xs:enumeration value="20"/>
    <xs:enumeration value="21"/>
    <xs:enumeration value="22"/>
    <xs:enumeration value="23"/>
    <xs:enumeration value="24"/>
    <xs:enumeration value="25"/>
    <xs:enumeration value="26"/>
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    <xs:enumeration value="29"/>
    <xs:enumeration value="30"/>
    <xs:enumeration value="31"/>
    <xs:enumeration value="32"/>
    <xs:enumeration value="33"/>
    <xs:enumeration value="34"/>
    <xs:enumeration value="35"/>
```

```
      <xs:enumeration value="36"/>
      <xs:enumeration value="37"/>
      <xs:enumeration value="38"/>
      <xs:enumeration value="39"/>
      <xs:enumeration value="40"/>
      <xs:enumeration value="41"/>
      <xs:enumeration value="42"/>
      <xs:enumeration value="43"/>
      <xs:enumeration value="44"/>
      <xs:enumeration value="45"/>
      <xs:enumeration value="46"/>
      <xs:enumeration value="47"/>
      <xs:enumeration value="48"/>
      <xs:enumeration value="49"/>
      <xs:enumeration value="50"/>
      <xs:enumeration value="51"/>
      <xs:enumeration value="52"/>
      <xs:enumeration value="53"/>
      <xs:enumeration value="54"/>
    </xs:restriction>
</xs:simpleType>
```

simpleType **TypeOfIMHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
facets	Kind / Value / Annotation enumeration Full enumeration Part
annotation	documentation Enumeration of Type of IM harmonization: Full, Part

source	`<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>`

simpleType **TypeOfInformationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:integer**
properties	base xs:integer
facets	Kind / Value / Annotation minInclusive 0 maxInclusive 99

	enumeration	1	documentation	harmonisation - in process
	enumeration	2	documentation	harmonisation - accepted
	enumeration	3	documentation	harmonisation - rejected
	enumeration	4	documentation	Request ready
	enumeration	5	documentation	path study request
	enumeration	6	documentation	pre-arranged path/reserve capacity
	enumeration	7	documentation	create offer
	enumeration	8	documentation	coordination update
	enumeration	9	documentation	draft offer
	enumeration	10	documentation	draft alternative offer
	enumeration	11	documentation	observation - in process
	enumeration	12	documentation	observation - complete
	enumeration	13	documentation	preparation of final offer - in process
	enumeration	14	documentation	preparation of final offer - accepted
	enumeration	15	documentation	preparation of final offer - rejected
	enumeration	16	documentation	final offer
	enumeration	17	documentation	final offer - accepted
	enumeration	18	documentation	alternative offer accepted
	enumeration	19	documentation	pre-accepted offer
	enumeration	20	documentation	Final Offer rejected
	enumeration	21	documentation	no alternative available
	enumeration	22	documentation	booked
	enumeration	23	documentation	preparation of draft alternative offer is in progress
	enumeration	24	documentation	alternative offer triggered by IM
	enumeration	25	documentation	offer/final offer rejected (without revision)
	enumeration	26	documentation	alternative offer rejected (without revision)
	enumeration	27	documentation	offer/final offer rejected (revision required)
	enumeration	28	documentation	alternative offer rejected (revision required)
	enumeration	29	documentation	withdrawal
	enumeration	30	documentation	Create Dossier
	enumeration	31	documentation	Close Dossier
	enumeration	32	documentation	

	Path canceled full enumeration 33 documentation Path canceled partial enumeration 40 documentation Fully Assembled Path (FAP, constructed path) enumeration 42 documentation Preparation of draft offer – accepted enumeration 43 documentation Preparation of draft offer – rejected enumeration 44 documentation Draft offer rejected enumeration 45 documentation Draft no alternative available enumeration 50 documentation activate path (utilisation notification) enumeration 51 documentation deactivate path (utilisation notification) enumeration 52 documentation confirmation of utilisation notification enumeration 53 documentation Path and train cancelled enumeration 65 documentation Preparation of alternative offer in progress due to route update (used in PathNotAvailableMessage) enumeration 66 documentation Booked after route update (used in PathDetailsMessage)
annotation	documentation Enumeration indicating to which process step / process type in the planning does the message belong

source

```
<xs:simpleType name="TypeOfInformationCode">
  <xs:annotation>
    <xs:documentation>Enumeration indicating to which process step / process type in the planning does the message belong</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:integer">
    <xs:maxInclusive value="99"/>
    <xs:minInclusive value="0"/>
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>harmonisation - in process</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>harmonisation - accepted</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="3">
      <xs:annotation>
        <xs:documentation>harmonisation - rejected</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Request ready</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="5">
      <xs:annotation>
        <xs:documentation>path study request</xs:documentation>
      </xs:annotation>
```

```
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
        <xs:documentation>pre-arranged path/reserve
capacity</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="7">
      <xs:annotation>
        <xs:documentation>create offer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="8">
      <xs:annotation>
        <xs:documentation>coordination update</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="9">
      <xs:annotation>
        <xs:documentation>draft offer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>draft alternative offer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>observation - in process</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>observation - complete</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
      <xs:annotation>
        <xs:documentation>preparation of final offer - in
process</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="14">
      <xs:annotation>
        <xs:documentation>preparation of final offer -
accepted</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="15">
      <xs:annotation>
        <xs:documentation>preparation of final offer -
rejected</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="16">
      <xs:annotation>
        <xs:documentation>final offer</xs:documentation>
```

```
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="17">
      <xs:annotation>
        <xs:documentation>final offer - accepted</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="18">
      <xs:annotation>
        <xs:documentation>alternative offer accepted</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="19">
      <xs:annotation>
        <xs:documentation>pre-accepted offer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="20">
      <xs:annotation>
        <xs:documentation>Final Offer rejected</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="21">
      <xs:annotation>
        <xs:documentation>no alternative available</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="22">
      <xs:annotation>
        <xs:documentation>booked</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="23">
      <xs:annotation>
        <xs:documentation>preparation of draft alternative offer is in
progress</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
      <xs:annotation>
        <xs:documentation>alternative offer triggered by
IM</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
      <xs:annotation>
        <xs:documentation>offer/final offer rejected (without
revision)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="26">
      <xs:annotation>
        <xs:documentation>alternative offer rejected (without
revision)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="27">
      <xs:annotation>
```

```
        <xs:documentation>offer/final offer rejected (revision
required)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="28">
      <xs:annotation>
        <xs:documentation>alternative offer rejected (revision
required)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="29">
      <xs:annotation>
        <xs:documentation>withdrawal</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="30">
      <xs:annotation>
        <xs:documentation>Create Dossier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="31">
      <xs:annotation>
        <xs:documentation>Close Dossier</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="32">
      <xs:annotation>
        <xs:documentation>Path canceled full</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="33">
      <xs:annotation>
        <xs:documentation>Path canceled partial</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="40">
      <xs:annotation>
        <xs:documentation>Fully Assembled Path (FAP, constructed
path)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
      <xs:annotation>
        <xs:documentation>Preparation of draft offer –
accepted</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="43">
      <xs:annotation>
        <xs:documentation>Preparation of draft offer –
rejected</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="44">
      <xs:annotation>
        <xs:documentation>Draft offer rejected</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
```

```
    <xs:enumeration value="45">
      <xs:annotation>
        <xs:documentation>Draft no alternative available</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="50">
      <xs:annotation>
        <xs:documentation>activate path (utilisation
notification)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="51">
      <xs:annotation>
        <xs:documentation>deactivate path (utilisation
notification)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="52">
      <xs:annotation>
        <xs:documentation>confirmation of utilisation
notification</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="53">
      <xs:annotation>
        <xs:documentation>Path and train cancelled </xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="65">
      <xs:annotation>
        <xs:documentation>Preparation of alternative offer in progress due
to route update (used in PathNotAvailableMessage)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="66">
      <xs:annotation>
        <xs:documentation>Booked after route update (used in
PathDetailsMessage)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

simpleType **TypeOfRequestCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:short**
properties	base xs:short
facets	Kind / Value / Annotation minInclusive 1 enumeration 1 documentation Study enumeration 2 documentation Request enumeration 3 documentation

	Modification
annotation	documentation Enumeration for 3 different basic types of the processes in the planning: Study (1), Request (2), Modification (3)
source	<xs:simpleType name="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:restriction base="xs:short"> <xs:minInclusive value="1"/> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Study</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Request</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Modification</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType>

simpleType **TypeOfRUHarmonizationCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:string**
properties	base xs:string
facets	Kind / Value / Annotation enumeration Full enumeration Part enumeration None
annotation	documentation Type of RU harmonization: Full, Part, None.
source	<xs:simpleType name="TypeOfRUHarmonizationCode"> <xs:annotation> <xs:documentation>Type of RU harmonization: Full, Part, None.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="Full"/> <xs:enumeration value="Part"/> <xs:enumeration value="None"/> </xs:restriction> </xs:simpleType>

simpleType **UnitType**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
properties	base xs:token
facets	Kind Value Annotation enumeration 1 documentation Container enumeration 2 documentation Other intermodal traffic enumeration 4 documentation Rolling road (RR) enumeration 6 documentation Semi-trailer on bogies enumeration 10 documentation Container less than 20′ enumeration 11 documentation Container 20′ enumeration 12 documentation Container 30′ enumeration 13 documentation Container 40′ enumeration 40 documentation Semi-trailer truck/articulated lorry enumeration 41 documentation Road tractor enumeration 42 documentation Lorry without trailer enumeration 43 documentation Lorry with trailer enumeration 50 documentation Semi-trailer/road semi-trailer enumeration 51 documentation Swap bodies
annotation	documentation Indicates the type of a Transportation unit.

source

```
<xs:simpleType name="UnitType">
  <xs:annotation>
    <xs:documentation>Indicates the type of a Transportation
unit.</xs:documentation>
  </xs:annotation>
  <xs:restriction base="xs:token">
    <xs:enumeration value="1">
      <xs:annotation>
        <xs:documentation>Container</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="2">
      <xs:annotation>
        <xs:documentation>Other intermodal traffic</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="4">
      <xs:annotation>
        <xs:documentation>Rolling road (RR)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="6">
      <xs:annotation>
```

```
        <xs:documentation>Semi-trailer on bogies</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="10">
      <xs:annotation>
        <xs:documentation>Container less than 20’</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="11">
      <xs:annotation>
        <xs:documentation>Container 20’</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="12">
      <xs:annotation>
        <xs:documentation>Container 30’</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="13">
      <xs:annotation>
        <xs:documentation>Container 40’</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="40">
      <xs:annotation>
        <xs:documentation>Semi-trailer truck/articulated
lorry</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="41">
      <xs:annotation>
        <xs:documentation>Road tractor</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
      <xs:annotation>
        <xs:documentation>Lorry without trailer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="43">
      <xs:annotation>
        <xs:documentation>Lorry with trailer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="50">
      <xs:annotation>
        <xs:documentation>Semi-trailer/road semi-trailer</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="51">
      <xs:annotation>
        <xs:documentation>Swap bodies</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
```

attribute **LocationSubsidiaryTypeCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
facets	Kind Value Annotation enumeration 0 documentation Not Defined documentation not used enumeration 1 documentation Track documentation The track is a uniquely defined part of location enumeration 2 documentation Private Siding documentation Tracks are not for open access enumeration 3 documentation Border Point Code documentation Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point" enumeration 4 documentation Sorting Code documentation Destination station of the wagon has a code in order to provide shunting technology. enumeration 5 documentation Vehicle Parking Points documentation All points (tracks) enumeration 6 documentation Public Loading Places documentation Is a type of physical location on the open access network where consignor or consignee can load or unload wagons enumeration 7 documentation Private Loading Places documentation Is a type of physical location outside the open access network where consignor or consignee can load or unload wagons enumeration 8 documentation IM Path Tariff Point documentation Price Segment change between two IM Networks. enumeration 9 documentation Depot / Maintenance workshop. Place for overhaul or maintenance of the rolling stock. enumeration 10 documentation Switch/turnout documentation The location where two tracks meet or diverge. enumeration 11 documentation Grade Crossing documentation The location where two tracks on the same level cross each other. enumeration 12 documentation Section of the track documentation

			Section is inside of the location considered part of a track.
	enumeration	13	documentation
			Twin track point
			documentation
			The spot where is end or start of the twinned track section.
	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 carrying train

enumeration 44 documentation

Passengers cars private loading Is a type of physical location outside the open access network where passengers can put their car on a carrying train

enumeration 45 documentation

Sewage dump Place for cleaning purposes - disposal of the waste

enumeration 46 documentation

Refuelling Point Location where refuelling takes place

enumeration 47 documentation

Mains Supply Location where energy supply can be provided for the rolling stock e.g. preheating

enumeration 48 documentation

Water Supply Location where water supply can be provided for the rolling stock

enumeration 49 documentation

Compressed plant Train on a track with motion stabled with external air supply for braking systems

enumeration 50 documentation

Indoor cleaning platform Cleaning point - interior

enumeration 51 documentation

Car-wash plant Cleaning point -outdoor

enumeration 52 documentation

Short dry-cleaning track Cleaning point

enumeration 53 documentation

Pollution protective plate Track where floor that avoids pollution of the earth below

enumeration 54 documentation

Sand-filling station Location where sand is

	filled				
enumeration	55	documentation			
			Repair track	Location where a train/wagon/engine can be repaired	
enumeration	56	documentation			
			Signal box	The location of a building containing signalling equipment	
enumeration	57	documentation Intermodal Terminal documentation Intermodal Terminal is a location which provides the space, equipment and operational environment under which the transfer of loading units (freight containers, swap bodies, semi-trailers or trailers) takes place			
enumeration	58	documentation OSJD system based location documentation Location code used within OSJD			
enumeration	59	documentation Train Service Substitute Stop documentation Place outside of railway station or railway stop, where passengers board or leave bus or any other transport mean as substitution of train service. Physical part of Primary Location.			
enumeration	60	documentation Multifunctional rail terminal documentation Facilities for conventional and/or intermodal rail/road transshipment principally open for public use and for all types of cargo. This kind of facility does not only provide transshipment, but also additional services like storage, consignment or road pre/end haulage. Physical part of Primary Location.			
enumeration	61	documentation Relief facility documentation Facilities providing equipment and infrastructure used to overcome a disruption (derailment, collision or other accidents). Physical part of Primary Location.			
enumeration	66	documentation Location ENEE Code documentation Legacy ENEE code of the parent primary location. Different coding of primary location.			
enumeration	70	documentation Network Border documentation Network border between two neighboring IM's; first or last Primary Location on a network. Attribute of primary location.			
enumeration	71	documentation State border documentation Political border between two member states. Attribute of primary location.			
enumeration	72	documentation Administrative border documentation Border point inside a member state to define federal structures or administrative districts or local areas. Attribute of primary location.			
enumeration	74	documentation Operational handover documentation Location where the responsibility for operation changes or can change between two			

	involved IMs. Attribute of primary location. enumeration 75 documentation Planning handover documentation Location where the responsibility for timetable planning and path allocation changes or can change between two involved IMs. Attribute of primary location. enumeration 76 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 Test Loc enumeration 99 documentation Relation to Station documentation An indicator used to show that this location is a subsidiary of another location.
source	<xs:attribute name="LocationSubsidiaryTypeCode"> <xs:annotation> <xs:documentation/> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Not Defined</xs:documentation> <xs:documentation>not used</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Track</xs:documentation> <xs:documentation>The track is a uniquely defined part of location</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Private Siding</xs:documentation> <xs:documentation>Tracks are not for open access</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Border Point Code</xs:documentation> <xs:documentation>Special code for the Border Points are allocated at the country border and the points between different IM networks. Location of these points sometimes are not geographically same with the station or yard. Therefore these points are "logical point"</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Sorting Code</xs:documentation> <xs:documentation>Destination station of the wagon has a code in order to provide shunting technology.</xs:documentation>

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="5">
        <xs:annotation>
          <xs:documentation>Vehicle Parking Points</xs:documentation>
          <xs:documentation>All points (tracks)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="6">
        <xs:annotation>
          <xs:documentation>Public Loading Places</xs:documentation>
          <xs:documentation>Is a type of physical location on the open
access network where consignor or consignee can load or unload
wagons</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="7">
        <xs:annotation>
          <xs:documentation>Private Loading Places</xs:documentation>
          <xs:documentation>Is a type of physical location outside the open
access network where consignor or consignee can load or unload
wagons</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="8">
        <xs:annotation>
          <xs:documentation>IM Path Tariff Point</xs:documentation>
          <xs:documentation>Price Segment change between two IM
Networks.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="9">
        <xs:annotation>
          <xs:documentation>Depot / Maintenance workshop.
       Place for overhaul or maintenance of the rolling stock.

                                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="10">
        <xs:annotation>
          <xs:documentation>Switch/turnout</xs:documentation>
          <xs:documentation>The location where two tracks meet or
diverge.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="11">
        <xs:annotation>
          <xs:documentation>Grade Crossing</xs:documentation>
          <xs:documentation>The location where two tracks on the same level
cross each other.</xs:documentation>
        </xs:annotation>
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      <xs:enumeration value="12">
        <xs:annotation>
          <xs:documentation>Section of the track</xs:documentation>
          <xs:documentation>Section is inside of the location considered
part of a track.</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="13">
        <xs:annotation>
          <xs:documentation>Twin track point</xs:documentation>
          <xs:documentation>The spot where is end or start of the twinned
track section.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="14">
        <xs:annotation>
          <xs:documentation>Retarder (rail brake)</xs:documentation>
          <xs:documentation>Trackside equipment to control the speed of the
wagons running from the shunting hump.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="15">
        <xs:annotation>
          <xs:documentation>Platform</xs:documentation>
          <xs:documentation>The area next to the track which has been raised
to make access to railway vehicles easier.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="16">
        <xs:annotation>
          <xs:documentation>Railing</xs:documentation>
          <xs:documentation>barrier Safety equipment used to prevent access
to the track by people and animals.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="17">
        <xs:annotation>
          <xs:documentation>Movable scotch block</xs:documentation>
          <xs:documentation>Safety equipment across the track avoiding any
unnecessary moving beyond that point.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="18">
        <xs:annotation>
          <xs:documentation>Derailing stop / Trap points / Catch
points</xs:documentation>
          <xs:documentation>Safety equipment is on one rail avoiding any
unnecessary moving beyond that point.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="19">
        <xs:annotation>
          <xs:documentation>Loading equipment</xs:documentation>
          <xs:documentation>Special equipment to facilitate the loading and
unloading on the Public Loading Places.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="20">
        <xs:annotation>
          <xs:documentation>Weighbridge</xs:documentation>
          <xs:documentation>Special equipment is to facilitate the measure
of the weight of the wagon.</xs:documentation>
        </xs:annotation>
```

```
      </xs:enumeration>
      <xs:enumeration value="21">
        <xs:annotation>
          <xs:documentation>Building</xs:documentation>
          <xs:documentation>Those buildings where IM placed his staff for
direct communication with RU staff or the IM buildings serve RU activities
as well.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="22">
        <xs:annotation>
          <xs:documentation>Level crossing</xs:documentation>
          <xs:documentation>Place where rail and road crossing in level. on
the same level (grade)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="23">
        <xs:annotation>
          <xs:documentation>Bridge</xs:documentation>
          <xs:documentation>Special built structure is over the
road</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="24">
        <xs:annotation>
          <xs:documentation>Tunnel</xs:documentation>
          <xs:documentation>Structure to to allow a railway line to pass
under the surface.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="25">
        <xs:annotation>
          <xs:documentation>Underpass</xs:documentation>
          <xs:documentation>Undercrossing or underground passage under the
railway track. (Not used by trains)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="26">
        <xs:annotation>
          <xs:documentation>Block section</xs:documentation>
          <xs:documentation>Block section outside of the location with
primary code. In other words: a section on the open track between stations
defined by signalling system.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="27">
        <xs:annotation>
          <xs:documentation>Signal</xs:documentation>
          <xs:documentation>A signal is a mechanical or electrical device
erected beside a railway line to pass information relating to the state of
the line ahead to train drivers/engineers.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="28">
        <xs:annotation>
          <xs:documentation>Sign and board</xs:documentation>
          <xs:documentation>Equipment to inform the board staff for train
traffic and shunting.</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="29">
        <xs:annotation>
          <xs:documentation>Phase break</xs:documentation>
          <xs:documentation>Border of the power supply systems
(catenary).</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="30">
        <xs:annotation>
          <xs:documentation>Leap in kilometer</xs:documentation>
          <xs:documentation>The section has deviation in length i. e. the
section more or less than called.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="32">
        <xs:annotation>
          <xs:documentation>Balise</xs:documentation>
          <xs:documentation>A balise is an electronic beacon or transponder
placed between the rails of a railway as part of an Automatic Train
Protection (ATP) system.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="33">
        <xs:annotation>
          <xs:documentation>Hot spot detector</xs:documentation>
          <xs:documentation>Trackside equipment which detects hot wheels or
axle-box on passing trains.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="34">
        <xs:annotation>
          <xs:documentation>Flat wheel detector</xs:documentation>
          <xs:documentation>Trackside equipment which detects flat spots on
wheels on passing trains.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="35">
        <xs:annotation>
          <xs:documentation>Dynamic wheel load</xs:documentation>
          <xs:documentation>detector Special equipment is in trackside for
inspect of the overloaded wagons.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="36">
        <xs:annotation>
          <xs:documentation>Freight yard</xs:documentation>
          <xs:documentation>A freight yard is commercial usage of a physical
location which can be used as a sending or a destination station in freight
orders of rail freight transports. The freight yard can have his own
codification</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="37">
        <xs:annotation>
          <xs:documentation>Loading point</xs:documentation>
          <xs:documentation>A loading point is a commercial usage of a
```

```
physical location. Each loading point is assigned to a
yard.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="38">
        <xs:annotation>
          <xs:documentation>IM Network link</xs:documentation>
          <xs:documentation>It allows to link two locations from different
IM Networks</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="39">
        <xs:annotation>
          <xs:documentation>Reservation code</xs:documentation>
          <xs:documentation/>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="40">
        <xs:annotation>
          <xs:documentation>Metastation</xs:documentation>
          <xs:documentation>To mark a meta location that forms the link
between different stations that are considered as equal (for the
traveller)</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="41">
        <xs:annotation>
          <xs:documentation>CompanySpecificIdentifier</xs:documentation>
          <xs:documentation>Company specific identifier of the primary
location</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="42">
        <xs:annotation>
          <xs:documentation>
                        DIUM stations - Places of acceptance/delivery
       Station open into international traffic of goods (tariff point
included in DIUM) – consignment acceptance/delivery station (loading points
are excluded and covered by TypeCode 37).
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="43">
        <xs:annotation>
          <xs:documentation>
                        Passengers cars public loading  Is a type of
physical location on the open access network where passengers can put their
car on a carrying train
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="44">
        <xs:annotation>
          <xs:documentation>
                        Passengers cars private loading  Is a type of
physical location outside the open access network where passengers can put
their car on a carrying train
                        </xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="45">
        <xs:annotation>
          <xs:documentation>
                        Sewage dump  Place for cleaning purposes -
disposal of the waste
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="46">
        <xs:annotation>
          <xs:documentation>
                        Refuelling Point    Location where refuelling
takes place
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="47">
        <xs:annotation>
          <xs:documentation>
                        Mains Supply Location where energy supply can be
provided for the rolling stock e.g. preheating
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="48">
        <xs:annotation>
          <xs:documentation>
                        Water Supply Location where water supply can be
provided for the rolling stock
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="49">
        <xs:annotation>
          <xs:documentation>
                        Compressed plant    Train on a track with motion
stabled with external air supply for braking systems
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="50">
        <xs:annotation>
          <xs:documentation>
                        Indoor cleaning platform  Cleaning point -interior
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="51">
        <xs:annotation>
          <xs:documentation>
                        Car-wash plant      Cleaning point -outdoor
                        </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="52">
        <xs:annotation>
```

```
          <xs:documentation>
                          Short dry-cleaning track  Cleaning point
                          </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="53">
        <xs:annotation>
          <xs:documentation>
                          Pollution protective plateTrack where floor that
avoids pollution of the earth below
                          </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="54">
        <xs:annotation>
          <xs:documentation>
                          Sand-filling station      Location where sand is
filled
                          </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="55">
        <xs:annotation>
          <xs:documentation>
                          Repair track Location where a train/wagon/engine
can be repaired
                          </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="56">
        <xs:annotation>
          <xs:documentation>
                          Signal box   The location of a building containing
signalling equipment
                          </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="57">
        <xs:annotation>
          <xs:documentation>Intermodal Terminal</xs:documentation>
          <xs:documentation> Intermodal Terminal is a location which
provides the space, equipment and operational environment under which the
transfer of loading units (freight containers, swap bodies, semi-trailers or
trailers) takes place </xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="58">
        <xs:annotation>
          <xs:documentation>OSJD system based location</xs:documentation>
          <xs:documentation>Location code used within
OSJD</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="59">
        <xs:annotation>
          <xs:documentation>Train Service Substitute Stop</xs:documentation>
          <xs:documentation>Place outside of railway station or railway
stop, where passengers board or leave bus or any other transport mean as
```

```
substitution of train service. Physical part of Primary
Location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="60">
        <xs:annotation>
          <xs:documentation>Multifunctional rail terminal</xs:documentation>
          <xs:documentation>Facilities for conventional and/or intermodal
rail/road transshipment principally open for public use and for all types of
cargo. This kind of facility does not only provide transshipment, but also
additional services like storage, consignment or road pre/end haulage.
Physical part of Primary Location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="61">
        <xs:annotation>
          <xs:documentation>Relief facility</xs:documentation>
          <xs:documentation>Facilities providing equipment and
infrastructure used to overcome a disruption (derailment, collision or other
accidents). Physical part of Primary Location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="66">
        <xs:annotation>
          <xs:documentation>Location ENEE Code</xs:documentation>
          <xs:documentation>Legacy ENEE code of the parent primary location.
Different coding of primary location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="70">
        <xs:annotation>
          <xs:documentation>Network Border</xs:documentation>
          <xs:documentation>Network border between two neighboring IM's;
first or last Primary Location on a network. Attribute of primary
location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="71">
        <xs:annotation>
          <xs:documentation>State border</xs:documentation>
          <xs:documentation>Political border between two member states.
Attribute of primary location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="72">
        <xs:annotation>
          <xs:documentation>Administrative border</xs:documentation>
          <xs:documentation>Border point inside a member state to define
federal structures or administrative districts or local areas. Attribute of
primary location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="74">
        <xs:annotation>
          <xs:documentation>Operational handover</xs:documentation>
          <xs:documentation>Location where the responsibility for operation
changes or can change between two involved IMs. Attribute of primary
location.</xs:documentation>
```

```
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="75">
        <xs:annotation>
          <xs:documentation>Planning handover</xs:documentation>
          <xs:documentation>Location where the responsibility for timetable
planning and path allocation changes or can change between two involved IMs.
Attribute of primary location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="76">
        <xs:annotation>
          <xs:documentation>Other technical facility</xs:documentation>
          <xs:documentation>All technical installations and services that
are not included in other facility types. E.g. Pre heating, de icing, air
conditioning, Washing/cleaning of rolling stock, Disinfection of rolling
stock, Sewage removal and Stationary brake test facilities. Physical part of
Primary Location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="90">
        <xs:annotation>
          <xs:documentation>Test Loc</xs:documentation>
          <xs:documentation/>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="99">
        <xs:annotation>
          <xs:documentation>Relation to Station</xs:documentation>
          <xs:documentation>An indicator used to show that this location is
a subsidiary of another location.</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

attribute **TimingQualifierCode**

namespace	http://www.era.europa.eu/schemes/TAFTSI/3.3
type	restriction of **xs:token**
facets	Kind / Value / Annotation enumeration PLA documentation: Public Location Arrival enumeration PLD documentation: Public Location Departure enumeration ELA documentation: Earliest Location Arrival enumeration ELD documentation: Earliest Location Departure enumeration LLA documentation: Latest Location Arrival enumeration LLD documentation: Latest Location Departure enumeration ALA documentation: Actual Location Arival enumeration ALD documentation

	Actual Location Departure
source	

```
<xs:attribute name="TimingQualifierCode">
  <xs:annotation>
    <xs:documentation/>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:token">
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        <xs:annotation>
          <xs:documentation>Public Location Arrival</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="PLD">
        <xs:annotation>
          <xs:documentation>Public Location Departure</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ELA">
        <xs:annotation>
          <xs:documentation>Earliest Location Arrival</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ELD">
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          <xs:documentation>Earliest Location Departure</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="LLA">
        <xs:annotation>
          <xs:documentation>Latest Location Arrival</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="LLD">
        <xs:annotation>
          <xs:documentation>Latest Location Departure</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ALA">
        <xs:annotation>
          <xs:documentation>Actual Location Arival</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
      <xs:enumeration value="ALD">
        <xs:annotation>
          <xs:documentation>Actual Location Departure</xs:documentation>
        </xs:annotation>
      </xs:enumeration>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

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