# EDIGES

***Electronic Data Interchange (for) Intermodal Global European Standard***

***System Description and Technical Handbook for Terminal Operator (TO)***

**VERSION 4.1**

# Table of Contents

# 1 List of messages in Terminal Operator (TO) handbook

## 1.1 Intermodal Operator (IO) -> Terminal Operator (TO)

- **Transport Booking - from Operator to Terminal (status 10/11)**

These messages are used to transmit bookings (status 10) and cancellations (status 11) from Intermodal Operators (IO) to Terminal Operator (TO). The booking process and the related data depend from the Intermodal Operator (IO) and Terminal Operator (TO).

- **Pre-carriage (status 13)**

Messages status 13 manage information about the arrival of the truck at departure terminal.

- **On-carriage (status 43)**

Messages status 43 manage information about the arrival of the truck at destination terminal.

- **Additional event (status 99)**

This message is used to inform about generic events related for example to terminal or ports.

- **Disruption message (status DM)**

This message is used to transmit information about irregularities (delays, interruptions) that have occurred during the intermodal transport. The status “DM” is sent in the event of an acute problem along the intermodal supply chain by one of the parties involved. Each update to an existing message is sent as a new message in a separate XML file.

## 1.2 Terminal Operator (TO) -> Intermodal Operator (IO)

- **Lead time - (status 18)**

Messages status 18 manage information about (average) waiting time at the terminal.

- **Delivery of unit at departure terminal (Gate-in)** – **(status 20/21)**

At entrance of the loading unit at the terminal, on the basis of an existing booking, and eventually after the check-in of the loading unit, booking data were modified and completed with the effective data as results from the documents of the driver who consigns the loading unit at the terminal. The cancellation message of the loading unit delivery is indicated as status 21. The processing of status 20/21 messages depends on the Intermodal Operator (IO). **Nota bene: in case of exit of a unit after being entered in terminal, status 50 has to be used.**

- **Wagon in train composition (status 23/24)**

Status 23 indicates which wagon is part of the wagon composition. Status 24 indicates that one specific wagon is no longer part of the wagon composition.

- **Loading of unit on wagon (status 25/26)**

Status 25 messages indicate the loading of a loading unit on a wagon. Status 26 indicates the unloading of a loading unit from a wagon.

- **Consignment note generation (status 27)**

Consignment Note generation. There is no cancellation message: a new Consignment Note will replace the last one.

- **Train closure at departure terminal – (status 30/31)**

At train departure from terminal, status 30 indicates train contents in terms of wagons, units, goods, other information and departure timing. The status 30 is valid either for train and for unit. The cancellation message of train/units departure is indicated as status 31.

- **Transport information update (status 35)**
  The message status 35 is used in case of modification of transport information after train is departed from terminal.
- **Provision of the train at destination terminal (status 38/39)**

Status 38 indicates that the train has arrived under crane, the documents have been handed over, the wagons and loading units have been compared and the train is therefore ready for unloading. Status 39 is used for the cancellation of a status 38 message.

- **Loading unit ready for pick-up by road or for re-expedition (status 40/41)**

Status 40 indicates for each loading unit of the incoming train that the loading unit is ready for pick-up by road or ready for re-expedition with another mode of transport or ready to be loaded on the next train in the gateway-chain. Status 41 indicates the cancellation of a status 40 message.

- **Loading unit delivered at gateway (status 45/46)**

Status 45 indicates for each loading unit of the incoming train that the loading unit is delivered at gateway. Status 46 indicates the cancellation of a status 45 message.

- **Pick-up of the Loading Unit – (status 50)**

Status 50 indicates the pick-up of a loading unit by road or by another mode of transport at the destination terminal. It depends on the terminal operator's processes if status 50 can be sent at the production of the pick-up documents or at the exit from terminal (gate-out message). Status 51 indicates the cancellation of a status 50 message.

- **Item position at the terminal – (status 60)**

Position of the wagon or unit inside the terminal (geo-coordinates).

- **HLR – (status 70/71)**
  Heure limite de remise. When the train at departure is handed over from the Terminal Operator to the RU.
- **MAD RU – (status 72/73)**

Heure de mise à disposition. When the train at arrival is handed over from the RU to the Terminal Operator.

- **Terminal slot – (status 80)**

Messages status 80 manage information about slot available for train arrival/departure.

- **Terminal info - (status 82)**

Messages status 82 manage information about the terminal status and disruptions in the terminal.

- **Terminal master data (status TM)**

This message contains master data of the terminal including its position, its contacts and its opening hours.

- **Disruption message (status DM)**

This message is used to transmit information about irregularities (delays, interruptions) that have occurred during the intermodal transport. The status "DM" is sent in the event of an acute problem along the intermodal supply chain by one of the parties involved. Each update to an existing message is sent as a new message in a separate XML file.

## 1.3 Railway Undertaking (RU) -> Terminal Operator (TO)

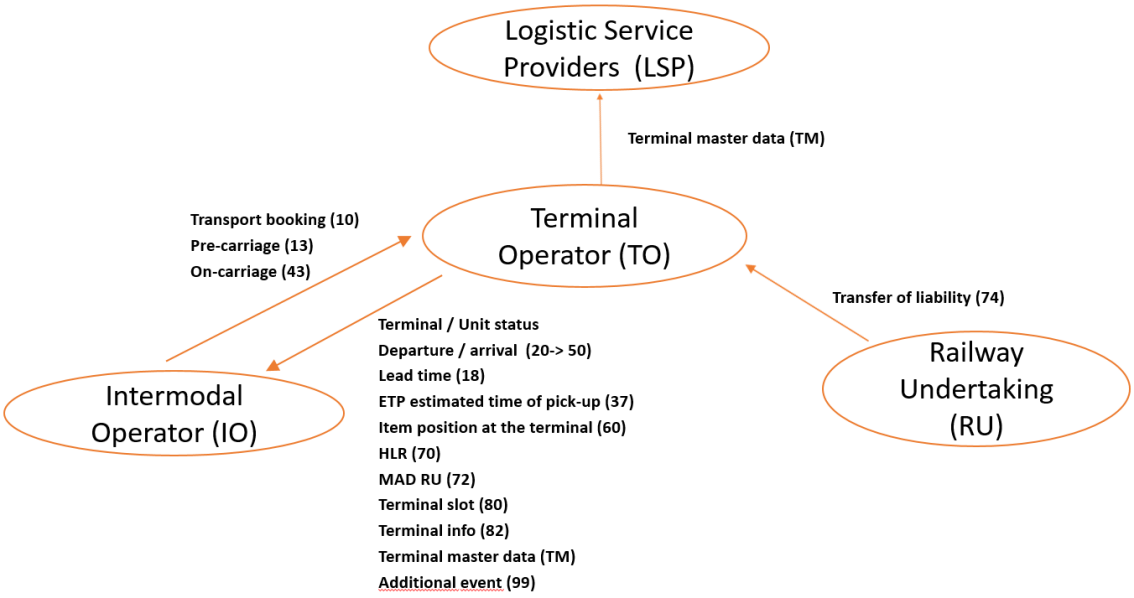
- **Transfer of liability - (status 74/75)**

Transfer of liability from the RU to the Terminal Operator. Status 75 is the cancellation message.

- **Disruption message (status DM)**

  This message is used to transmit information about irregularities (delays, interruptions) that have occurred during the intermodal transport. The status “DM” is sent in the event of an acute problem along the intermodal supply chain by one of the parties involved. Each update to an existing message is sent as a new message in a separate XML file.

# 2 Messages flow in Terminal Operator (TO) Handbook



# 3 Booking of the transport (status 10/11)

This message is used to send booking of the transport information. Status 10 is used for new booking or for updating existing booking. Status 11 is used for booking cancellation.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 time) | See header type |
| **booking** | | (M, 1 time) | List of **ituBody** (see page 48) |
| **ituBody** (see page 48) | | (0.. n times) | |
| | unaccompanied | (M, 1 time) boolean | True if the traffic is unaccompanied |
| | type | (M, 1 time) String | can be<br>• “new” for Status 10<br>• “update” for Status 10<br>• “cancel” for Status 11 |
| | operatorBookingConfirmation | (0..1 time) String | can be<br>• "booking-confirmed"<br>• "booking-rejected" |

# 4 Pre-carriage (status 13)

Manage information about the arrival of the truck at departure terminal.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **preCarriage** | | (M, 1 times) | |
| **preCarriageDetails** (see page 107) | | (M, 1..n times) | **See ShipmentGeneric type** |

# 5 Lead time (status 18)

Manage information about (average) waiting time at the terminal.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **leadTime** | | (M, 1 times) | |
| **leadTimeDetails** | | (M, 1..n times) | |
| | senderTransportId | M(all, 1time) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| | receiverTransportId | M(all, 1time) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| | operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| | customerRefNumber | (0..1 time) String | Transport LSP reference number |
| | gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| | uirrGtwCode | (0..1) Integer(7) | Unique Gateway identification (UIRR Gateway Code) |
| | ituCode | M(all, 1time) String(20) | Loading unit identification (container nr., swap body codification nr., trailer identification) |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | terminal (see page 103) | M(all, 1time) | See TerminalRestricted type |
| | leadDuration | M(all, 1time) Integer | Lead duration expressed in minutes |
| | additionalRemarks | (0..1 time) String | Additional remarks |

# 6 Delivery of the loading unit at departure terminal (status 20/21)

At the entrance of the loading unit at the terminal, on the base of an existing booking, and eventually after the check-in of the loading unit, booking data were modified and completed with the effective data as results from the documents of the driver who consigns the loading unit at the terminal. The cancellation message of the delivery of the loading unit is indicated as status 21. The processing of status 20/21 messages depends on the Intermodal Operator (IO).

**Nota bene: in case of exit of a unit after being entered in terminal, status 50 has to be used.**

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 time) | See header type |
| **deliveryGateIn** | | (0..n times) | |
| **ituBody** (see page 48) | | (M, 1..n times) | |
| | unaccompanied | (M, 1 times) boolean | |
| | type | (M, 1 times) String | can be<br>• “new” for Status 20<br>• “update”, for Status 20<br>• “cancel” for Status 21 |

# 7 Wagon assigned to train composition for departure (status 23/24), loading unit loading on wagon (status 25/26) and printing of the Consignment Note (Waybill) (status 27)

Based on loading units and wagons present at the terminal, the train composition is prepared by defining the wagon list.

It is important to respect the correct sending-sequence of the different status as regards the wagon in the train and the loading units on the wagon:

1. Inclusion of the wagon in the train: --> send status 23.
2. Changing of the position of the wagon: --> send status 23 again.
3. Changing of the wagon or exclusion of the wagon from the train: --> send status 24.
4. Loading a loading unit on the wagon: --> send status 25.
5. Changing of the position of the loading unit on the wagon or unloading of the loading unit from the train: --> send status 26.

In the event of changing the wagon in case the wagon is already loaded:

- first status 26 has to be sent for each loading unit
- then status 24 for wagon-cancellation and
- afterwards status 23 for the inclusion of the wagon in the train.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **trainLoading** | | (M, 1 times) | |
| **trainDetails** (see page 73) | | (M, 1times) | See trainDetailsRestricted type |
| **loadingWagon** | | (M, 1..n times) | **Under trainLoading information block** |
| | **wagonDetails** (see page 93) | (M, 1 times) | Information about wagon. See wagonDetails type |
| | wagonSequence | (M, 1times) Numeric | Wagon Sequence Number |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | departureTerminal (see page 102) | (0..1times) | See Terminal type |
| | destinationTerminal (see page 102) | (0..1times) | See Terminal type |
| | routing | (0..1 time) | Routing of the relation |
| | wagonFullEmpty | (M, 1times) Boolean | True if wagon is loaded with at least one loading unit |
| | wagonLoadingGroup | (0..1times) String(3) | It indicates loading group |
| | gpsUnit | (0..1times) Boolean | True if GPS unit is present (for train surveillance) |
| | consignmentNoteNumberWagon | (0..1times) String | Consignment note number of the wagon |
| **loadingItu** | | (0..n times) | **Under loadingWagon information block** |
| | moduleSequence | (M, 1times) Numeric | Indicates in which wagon position the loading unit is located |
| | ituCodePositionSequence | (M, 1times) Numeric | Indicates in which position of the wagon module the loading unit is located |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | consignmentNoteNumberItu | (0..1times) String | Consignment note number of the itu |
| | **orderDetails** (see page 55) | M(all, 1 time) | See orderDetails type |
| | **dangerousGoodsInformation** (see page 80) | (0..n) | See dangerousGoodInformation type |
| | **goodsInformation** (see page 78) | (0..n) | See goodsInformation type |
| | **customsInformation** (see page 87) | (0..n) | See customsInformation type |
| | **sealsInformation** (see page 86) | (0..n) | See sealsInformation type |
| | **damagesInformation** (see page 89) | (0..n) | See damagesInformation type |

# 8 Train closure at departure terminal (status 30/31)

At train departure from terminal, status 30 indicates train contents in terms of wagons, loading units, goods, other information and departure timing. The status 30 is valid either for train and for loading unit. The cancellation message of train/loading units departure is indicated as status 31.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 time) | See header type |
| **trainDeparture** | | (M, 1 time) | |
| **trainNew** | | (0..1 times) | Message type: 30<br>**Under trainDeparture information block** |
| **trainCancel** | | (0..1 times) | Message type: 31<br>**Under trainDepature information block** |
| **trainDetails** (see page 73) | | (M, 1 times) | Information about train details. See trainDetailsRestricted type<br>**Under trainNew/trainCancel information block** |
| **positionWagonDetails** | | (M, 1..n times) | **Under trainNew information block** |
| | **wagonDetails** (see page 93) | (M, 1 times) | Information about wagon. See wagonDetails type |
| | wagonSequence | (M, 1times) Numeric | Wagon Sequence Number |
| | moduleSequence | (M, 1times) Numeric | Indicates which wagon loading module it is |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | departureTerminal | (0..1times) | See Terminal type (see page 102) |
| | destinationTerminal | (0..1times) | See Terminal type (see page 102) |
| | routing | (0..1 time) | Routing of the relation |
| | wagonFullEmpty | (M, 1times) Boolean | True if wagon is loaded with at least one loading unit |
| | wagonLoadingGroup | (0..1times) String(3) | It indicates loading group |
| | forecastArrivalDateTime | (0..1times) ISO Datetime | Forecast arrival date and time |
| | consignmentNoteNumber | (0..1times) String | Waybill number |
| | consignmentNoteType | (0..1times) String | Possible values:<br>• 1 = Wagon<br>• 2 = Loading unit<br>• 3 = Train |
| **positionItuCodeDetails** | | (0..n times) | **Under positionWagonDetails information block** |
| | moduleSequence | (M, 1times) | Indicates in which wagon position the loading unit is |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | | Numeric | |
| | ituCodePositionSequence | (M, 1times) Numeric | Indicates in which position of wagon module the loading unit is |
| | consignmentNoteNumber | (0..1times) String | Waybill number |
| | consignmentNoteType | (0..1times) String | Possible values:<br>• 1 = Wagon<br>• 2 = Loading unit<br>• 3 = Train |
| | **orderDetails** (see page 63) | M(all, 1 time) | See orderDetailsRestricted30 type |
| | **deliveryDistribution** (see page 77) | (0..n) | See deliveryDistribution type |
| | **dangerousGoodsInformation** (see page 80) | (0..n) | See dangerousGoodInformation type |
| | **goodsInformation** (see page 78) | (0..n) | See goodsInformation type |
| | **customsInformation** (see page 87) | (0..n) | See customsInformation type |
| | **sealsInformation** (see page 86) | (0..n) | See sealsInformation type |
| | **damagesInformation** (see page 89) | (0..n) | See damagesInformation type |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | **swissSplitInformation** (see page 90) | (0..n) | See swissSplitInformation type |
| **wagonDetailsCancel** | | (M, 1..n times) | **Under trainCancel information block** |
| | **wagonDetails** (see page 93) | (M, 1 times) | Information about wagon. See wagonDetails type |
| | wagonSequence | (M, 1times) Numeric | Wagon Sequence Number |
| **ituCodeDetailsCancel** | | (0..n times) | **Under wagonDetailsCancel information block** |
| | moduleSequence | (M, 1times) Numeric | Indicates in which wagon position the loading unit is |
| | ituCodePositionSequence | (M, 1times) Numeric | Indicates in which position of wagon module the loading unit is |
| | **orderDetails** (see page 55) | M(all, 1 time) | See orderDetails type |

# 9 Transport information update (status 35)

The message code 35 is used in case of modification of transport information after the train is departed from the terminal.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **transportInformation** | | (M, 1 times) | |
| **transportMainInformation** | | (M, 1..n times) | **Under transportInformation information block** |
| | **trainDetails** (see page 71) | (0..1 times) | Information about train details. See trainDetails type |
| | **wagonDetails** (see page 93) | (0..1times) | Information about wagon. See wagonDetails type |
| | wagonSequence | (0..1times) Numeric | Wagon Sequence Number |
| | moduleSequence | (0..1times) Numeric | Indicates which wagon loading module it is |
| | ituCodePositionSequence | (0..1times) Numeric | Indicates in which position of the wagon module the loading unit is |
| | consignmentNoteNumber | (0..1times) String | Consignment note number |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | **orderDetails** (see page 55) | M(all, 1 time) | See orderDetails type |
| | **deliveryDistribution** (see page 77) | (0..n) | See deliveryDistribution type |
| | **dangerousGoodsInformation** (see page 80) | (0..n) | See dangerousGoodInformation type |
| | **goodsInformation** (see page 78) | (0..n) | See goodsInformation type |
| | **customsInformation** (see page 87) | (0..n) | See customsInformation type |
| | **sealsInformation** (see page 86) | (0..n) | See sealsInformation type |
| | **damagesInformation** (see page 89) | (0..n) | See damagesInformation type |
| | **swissSplitInformation** (see page 90) | (0..n) | See swissSplitInformation type |

# 10 Provision of the train at destination terminal (status 38/39)

Status 38 indicates that the train has arrived under crane, the documents have been handed over, the wagons and loading units have been compared and the train is therefore ready for unloading. Status 39 is used for the cancellation of a status 38 message.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 time) | See header type |
| **trainArrival** | | (M, 1 time) | Fix Value |
| **trainNew** | | (0..1 times) | Message status: 38<br>**Under trainArrival information block** |
| **trainCancel** | | (0..1 times) | Message status: 39<br>**Under trainArrival information block** |
| **trainDetails** (see page 75) | | (M, 1 times) | Information about train details. See trainDetailsRestrictedStatus38 type.<br>**Under trainNew/trainCancel information block** |
| **positionWagon Details** | | (M, 1..n times) | **Under trainNew information block** |
| | **wagonDetails** (see page 93) | (M, 1 times) | Information about wagon. See wagonDetails type |
| | wagonSequence | (M, 1times) Numeric | Indicates the position of the wagon in the wagon set |
| | moduleSequence | (M, 1times) Numeric | Indicates the position of the module in a double module wagon |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | departureTerminal | (0..1times) | See Terminal type (see page 102) |
| | destinationTerminal | (0..1times) | See Terminal type (see page 102) |
| | routing | (0..1 time) | Routing of the relation |
| | wagonFullEmpty | (M, 1times) Boolean | True if wagon is loaded with at least one loading unit |
| | wagonLoadingGroup | (0..1times) String(3) | It indicates loading group |
| | wagonPresent | (0..1times) Boolean | True if Wagon was really arrived at terminal in train mentioned |
| **positionItuCodeDetails** | | (0..n times) | **Under positionWagonDetails information block** |
| | moduleSequence | (M, 1times) Numeric | Indicates on which wagon position the loading unit is located |
| | ituCodePositionSequence | (M, 1times) Numeric | Indicates in which position of wagon module the loading unit is located |
| | consignmentNoteNumber | (0..1times) String | Waybill number |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | consignmentNoteType | (0..1times) String | Possible values:<br>• 1 = Wagon<br>• 2 = Loading unit<br>• 3 = Train |
| | **orderDetails** (see page 55) | M(all, 1 time) | See orderDetails type |
| | ituPresent | (0..1 times) Boolean | True if loading unit arrived on specified wagon |
| | ituReadyForPickup | (0..1 times) Boolean | True if loading unit has arrived, was checked, and is ready for pickup |
| | typeTransportLeg | (0..1 times) Boolean | True if rail |
| | **damagesInformation** (see page 89) | (0..n times) | See damagesInformation type |
| | **swissSplitInformation** (see page 90) | (0..n times) | See swissSplitInformation type |
| **wagonDetailsCancel** | | (M, 1..n times) | **Under trainCancel information block** |
| | **wagonDetails** (see page 93) | (M, 1 times) | Information about wagon. See wagonDetails type |
| | wagonSequence | (M, 1times) Numeric | Indicates the position of the wagon in the wagon set |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **ituCodeDetailsCancel** | | (0..n times) | **Under wagonDetailsCancel information block** |
| | moduleSequence | (M, 1times) Numeric | Indicates in which wagon position the loading unit is located |
| | ituCodePositionSequence | (M, 1times) Numeric | Indicates in which position of the wagon module the loading unit is located |
| | **orderDetails** (see page 55) | M(all, 1 time) | See orderDetails type |

# 11 Loading unit ready for pick-up by road or for re-expedition (status 40/41)

Status 40 indicates for each loading unit of the incoming train that the loading unit is ready for pick-up by road or ready for re-expedition with another mode of transport or ready to be loaded on the next train in the gateway-chain. Status 41 indicates the cancellation of a status 40 message.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **readyForPickup** | | (M, 1 times) | |
| **readyForPickupDetails** | | (M, 1..n times) | **Under readyForPickup information block** |
| | **orderDetails** (see page 55) | M(all, 1 time) | See orderDetails type |
| | **trainDetails** (see page 71) | (0.. 1 time) | Information about train details. See trainDetails type |
| | **wagonNumber** | (0.. 1 time) String(13) | Wagon number |

# 12 On-carriage (status 43)

Manage information about the arrival of the truck at destination terminal.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **onCarriage** | | (M, 1 times) | |
| **onCarriageDetails** | | (M, 1..n times) | **See ShipmentGeneric type** (see page 107) |

# 13 Delivered at gateway (status 45/46)

Status 45 indicates for each loading unit of the incoming train that the loading unit is delivered at gateway.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **deliveredAtGatewayType** | | (M, 1 times) | |
| **deliveredAtGatewayDetails** | | (M, 1..n times) | **Under readyForPickup information block** |
| | **orderDetails** (see page 55) | M(all, 1 time) | See orderDetails type |
| | **trainDetails** (see page 71) | (0.. 1 time) | Information about train details. See trainDetails type |
| | **wagonNumber** | (0.. 1 time) String(13) | Wagon number |

# 14 Pick-up of the loading unit (status 50/51)

Status 50 indicates the pick-up of a loading unit by road or by another mode of transport at the destination terminal. It depends on the terminal's processes if status 50 can be sent at the production of the pick-up documents or at the exit from terminal (gate-out message). Status 51 indicates the cancellation of a status 50 message.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **pickupGateOut** | | (M, 1 times) | |
| **pickupGateOutDetails** | | (M, 1..n times) | **Under pickupGateOut information block** |
| | orderDetails (see page 55) | M(all, 1 time) | See orderDetails type |
| | pickupPhase | (0..1 times) String | Information about wagon. See wagonDetails type |
| | deliveryDistribution (see page 77) | (0..n) | See deliveryDistribution type |

# 15 Item position (status 60)

Position of the wagon or unit inside the terminal (geo-coordinates).

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **itemPosition** | | (M, 1 times) | |
| **itemPositionDetails** | | (M, 1..n times) | |
| | senderTransportId | M(all, 1times) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| | receiverTransportId | M(all, 1times) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| | operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| | gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| | uirrGtwCode | (0..1 time) Numeric(7) | Unique Gateway identification (UIRR Gateway Code) |
| | customerRefNumber | (0..1 times) String | Transport LSP reference |
| | terminal (see page 102) | M(all, 1times) | See Terminal type |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | wagonNumber | M(all, 1time) String(12) | Wagon number. One between wagonNumber or ituCode is allowed. |
| | ituCode | M(all, 1time) String(20) | loading unit identification (container nr.,swap body codification nr., trailer identification). One between wagonNumber or ituCode is allowed. |
| | positioningData (see page 105) | (0..1 times) | See PositioningData type |
| | terminalXCoordinate | (0..1 times) String | Terminal X coordinate |
| | terminalYCoordinate | (0..1 times) String | Terminal Y coordinate |
| | terminalZCoordinate | (0..1 times) String | Terminal Z coordinate |
| | additionalRemarks | (0..1 times) String | Additional remarks |

# 16 HLR time (status 70/71)

Heure limite de remise. When the train at departure is handed over from the Terminal Operator to the RU.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **hlr** | | (M, 1 times) | |
| **hlrDetails** | | (M, 1 times) | **See TrainGeneric type** (see page 108) |
| | hlrDateTime | (M, 1 times) ISO Datetime | HLR date and time |

# 17 MAD RU time (status 72/73)

Heure de mise à disposition. When the train at arrival is handed over from the RU to the Terminal Operator.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **madRu** | | (M, 1 times) | |
| **madRuDetails** | | (M, 1 times) | **See TrainGeneric type** (see page 108) |
| | madRuDateTime | (M, 1 times) ISO Datetime | MAD RU date and time |

# 18 Transfer liability (status 74/75)

Transfer of liability from the RU to the terminal

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **transferLiability** | | (M, 1 times) | |
| **transferLiabilityDetails** | | (M, 1..n times) | **See TrainGeneric type** (see page 108) |
| | readyForUnloadingDateTime | (M, 1 times) ISO Datetime | Ready for unloading date and time |

# 19 Terminal slot (status 80)

It manages information about slot available for train arrival/departure.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **terminalSlot** | | (M, 1 times) | |
| **terminalSlotDetails** | | (M, 1..n times) | |
| | terminal (see page 102) | M(all, 1times) | See Terminal type |
| | trainNumber | (M,1) String(6) | Commercial Train number |
| | OperatorTrainId | (M, 1) | Operator Train ID in TAF TSI Format, see TAFTSICompositIdentifierPlanned type (see page 148) |
| Optional, one of these three fields can be included | plannedDate | (0,1) ISO Date | The slot is planned for this date |
| | plannedDaysInWeek | (0..1) String(7) | One character for each weekday, starting on Monday. Each character can be 0 or 1, whereby 1 signifies that the slot is defined on this weekday.<br>“0101001” means the slot is available on Tuesday, Thursday and Sunday. |
| | PlannedCalendar | (0,1) | See TAFTSIPlannedCalendarType (see page 145) |
| **slotParameters** | | (M, 1 times) | List of slotParameter |
| | reasonTerminalSlot | (M, 1 times) | This attribute can be one of<br>• 01 = New Slot<br>• 02 = Slot update<br>• 03 = Train delay<br>• 04 = Terminal capacity (Track blocked) |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | | | • 05 = temporary enlargement of terminal slot<br>• 99 = Other |
| **slotParameter** | | | |
| | validFromDate | (M,1) Date | The first date in which the slot availability is planned |
| | validToDate | (M,1) Date | The last date in which the slot availability is planned |
| | slotBeginTime | (M,1) Time | Slot availability starts at this time |
| | slotDuration | (M,1) Duration | Slot availability duration in minutes |
| | restrictedTrackLength | (0,1) Integer | Indicates that the track has restrictions (mt) |
| | freeTextField | (0..1 times) String | Free text fields |
| | additionalRemarks | (0..1 times) String | Additional remarks |

# 20 Terminal info (status 82)

It manages information about the terminal status and disruptions in the terminal.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **terminalInfo** | | (M, 1 times) | |
| **terminalInfoDetails** | | (M, 1..n times) | |
| | terminal (see page 102) | M(all, 1times) | See Terminal type |
| | trainDetails (see page 106) | M(all, 1… n times) | See TrainDetailsGeneric type |
| | additionalRemarks | (0..1 times) String | Additional remarks |

# 21 Additional event message (status 99)

This message is used to inform about generic events related for example to terminal or ports.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **additionalEvent** | | (M, 1 times) | |
| **additionalEventDetails** | | (M, 1..n times) | |
| | eventCode | M(1 times) String | Codification or explanation of the event, as agreed between sender and receiver |
| | expectedEventDateTime | (0…1 times) ISO Datetime | Expected date of the event |
| | realEventDateTime | (0..1 times) ISO Datetime | Date of the event as it really happened |
| | eventLocation | (0..1 times) String | Geographical location of the event |
| | eventRemarks | (0..1 times) String | Remarks to the event |
| | trainNumber | (0..1 times) String(6) | Train number |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | departureDate | (0..1 times) ISO Date | Date of departure (date of closure of unit acceptance in terminal. It's not the real train departure from terminal) |
| | ruTrainId | (0..1 times) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| | OperatorTrainId | (0..1 times) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| | operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| | gtwTripNumber | (0..1 times) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| | customerRefNumber | (0..1 times) String | Transport LSP reference |
| | ituCode | (0..1 times) String(20) | loading unit identification (container nr.,swap body codification nr., trailer identification) |

# 22 Terminal master data (status TM)

This message contains master data of the terminal including its position, its contacts and its opening hours.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **terminalMasterData** | | (M, 1 times) | |
| **terminal** | | (M, 1..n times) | |
| | terminalInfo | M(1 time) | See Terminal type (see page 102) |
| | latitude | M(1 time) Decimal | Latitude coordinate of the terminal |
| | longitude | M(1 time) Decimal | Longitude coordinate of the terminal |
| | validFrom | M(1 time) ISO Date | |
| | validTo | (0..1 time) ISO Date | |
| | postalCode | (0..1 time) String(10) | |
| | street | (0..1 time) String | |
| | city | M(1 time) String | |
| | phoneNumber | (0..1 time) String(70) | |

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| | eMail | (0..1 time) String(70) | |
| | freeTextField | (0..n time) String | |
| | freeTextFieldInternal | (0..1 time) String | |
| | terminalData | M(1..n time) | See Terminal Data type (see page 109) |

# 23 Disruption Message (status DM)

This message is used to transmit information about irregularities (delays, interruptions) that have occurred during the intermodal transport. The status “DM” is sent in the event of an acute problem along the intermodal supply chain by one of the parties involved. Each update to an existing message is sent as a new message in a separate XML file.

| Information Block | Element | Format (M=Mandatory) | Description |
|---|---|---|---|
| **header** (see page 45) | | (M, 1 times) | See header type |
| **disruptionMessage** | | (M, 1 times) | |
| | MessageHeader | (M, 1 time) | See TAFTSIMessageHeaderType (see page 157) |
| | MessageStatus | (M, 1 time) String(1) | Can be 1=creation, 2=modification, 3=deletion |
| | IrregularityId | (M, 1 time) String | Irregularity identifier |
| | ResponsibleActor | (1..n time) | See ResponsibleActor (see page 122) type |
| | ResponsibleAsset | (1..n time) | See ResponsibleAsset (see page 123) type |
| | Event | (M, 1 time) | See Event (see page 131) type |
| | etaDeparture | (0..1 time) DateTime | Estimated time of departure after an interruption event |
| | etaFinalDestination | (0..1 time) DateTime | Estimated time of arrival at the next (gateway) - terminal |
| | Remarks | (0..n time) String(255) | Free text field for remarks |

# 24 Appendix - complex types

In this appendix the definitions of complex types.

## 24.1 Header type

This segment contains information about the message sending date and time, the EDIGES version used and the status of the message.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| msgDateTime | (M all, 1 time) ISO DateTime | Message date and time |
| messageId | (M all, 1 time) String(13) | Message Id |
| version | M(all, 1 time) String | EDIGES Version of the Body message |
| status | M(all, 1 time) String | EDIGES Status Code of the Body message |
| statusDateTime | M(all, 1 time) ISO DateTime | Status date and time |
| sender (see page 46) | M(all, 1 time) | View sender type |
| receiver (see page 46) | M(all, 1 time) | View receiver type |
| replyRequest (see page 47) | (0..1 time) | View replyRequest type |
| technicalResponse (see page 47) | (0..1 time) | View replyRequest type |

## 24.2 Sender / Receiver type

This segment includes the unique identification of the EDI partner that sends or receives the XML message.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| registrationCode | (0..1 time) String | Individual and unique for each EDI partner of Intermodal Operator. |
| companyName | M(all, 1 time) String | Sender or receiver company name |

## 24.3 ReplyRequest type

This segment identifies to which e-mail address the EDIGES partner has to send the error message, in case of wrong EDI message sent by the partner. Value "received" will be used to confirm by mail that incoming message has been received by receiving system.

| **Element** | **Format (M = mandatory) (status = specific or all)** | **Description** |
|---|---|---|
| replyMail | M(all, 1..n) String | Reply email address.<br>Possible value for element attribute “replyEvent”:<br>• “rejected”: mail address which receives errors notification<br>• “received”: message integrated |

## 24.4 ItuBody type

This segment contains the data concerning the loading unit, type/length and weight, as well as the definition of the origin or end/final terminal in case of gateway/re-expedition transport. This segment is repeated for each loading unit of the same LSP and traffic relation.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| **orderDetails** (see page 59) | M(all, 1 time) | See orderDetailsRestricted type |
| **trainDetails** (see page 73) | (0..n) | See trainDetails type |
| **deliveryDistribution** (see page 77) | (0..n) | See deliveryDistribution type |
| **goodsInformation** (see page 78) | (0..n) | See goodsInformation type |
| **sealsInformation** (see page 86) | (0..n) | See sealsInformation type |
| **dangerousGoodsInformation** (see page 80) | (0..n) | See dangerousGoodInformation type |
| **customsInformation** (see page 87) | (0..n) | See customsInformation type |
| **damagesInformation** (see page 89) | (0..n) | See damagesInformation type |
| **swissSplitInformation** (see page 90) | (0..n) | See swissSplitInformation type |

## 24.5 ItuDetails type

This segment contains the data concerning the loading unit.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| ituCode | M(1time) String(20) | loading unit identification (container nr., swap body codification nr., trailer identification) |
| interunitCode | (0..1 time) String(2) | numeric code that identifies the loading unit type. See official UIRR interunit code table provided by Ediges Consortium |
| containerTypeGroup | (0..1 time) String(2) | |
| ituIsoCode | (0..1 time) String(4) | loading unit type/size ISO codification |
| ituProfileCode | (0..1 time) String(4) | loading unit profile |
| specializationCode | (0..1 time) String(4) | code that identifies the physical features of loading unit (e.g. 25 feet container open top). See official UIRR specialization code table provided by Ediges Consortium |
| ituType | (0..1 time) String(1) | Possible values:<br>• “S” = trailer<br>• “C” = swap body<br>• “I” = ISO container |
| ituLength | (0..1 time) Numeric(5) | Length of the loading unit in cm |
| ituWidth | (0..1 time) Numeric(5) | Width of the loading unit in cm |
| ituHeight | (0..1 time) Numeric(5) | Height of the loading unit in cm |
| tareWeight | (0..1 time) Numeric(5) | Tare weight (kg) |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| ituMaxPayload | (0..1 time) Numeric(5) | Maximum allowed payload in kg |
| trailerLicencePlate | (0..1 time) String | Trailer licence plate |
| unitCranable | (0..1 time) Boolean | Shows if the unit can be moved by crane or not |
| additionalUnitCode | (0..1 time) String | |

## 24.6 ItuDetailsRestricted type

This segment contains the data concerning the loading unit.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| ituCode | M(1time) String(20) | loading unit identification (container nr., swap body codification nr., trailer identification) |
| interunitCode | (0..1time) String(2) | numeric code that identifies the loading unit type. See official UIRR interunit code table provided by Ediges Consortium |
| containerTypeGroup | (0..1 time) String(2) | |
| ituIsoCode | (0..1 time) String(4) | loading unit type/size ISO codification |
| ituProfileCode | (0..1 time) String(4) | loading unit profile |
| specializationCode | (0..1 time) String(4) | code that identifies the physical features of loading unit (e.g. 25 feet container open top). See official UIRR specialization code table provided by Ediges Consortium |
| ituType | M(1time) String(1) | Possible values:<br>• “S” = trailer<br>• “C” = swap body<br>• “I” = ISO container |
| ituLength | M(1time) Numeric(5) | Length of the loading unit in cm |
| ituWidth | (0..1 time) Numeric(5) | Width of the loading unit in cm |
| ituHeight | (0..1 time) Numeric(5) | Height of the loading unit in cm |
| tareWeight | M(1time) Numeric(5) | Tare weight (kg) |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| ituMaxPayload | (0..1 time) Numeric(5) | Maximum allowed payload in kg |
| trailerLicencePlate | (0..1 time) String | Trailer licence plate |
| unitCranable | (0..1 time) Boolean | Shows if the unit can be moved by crane or not |
| additionalUnitCode | (0..1 time) String | Additional unit code to be added |

## 24.7 ItuDetailsRestricted30 type

This segment contains the data concerning the loading unit.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| ituCode | M(1time) String(20) | loading unit identification (container nr., swap body codification nr., trailer identification) |
| interunitCode | M(1time) String(2) | numeric code that identifies the loading unit type. See official UIRR interunit code table provided by Ediges Consortium |
| containerTypeGroup | (0..1 time) String(2) | |
| ituIsoCode | (0..1 time) String(4) | loading unit type/size ISO codification |
| ituProfileCode | (0..1 time) String(4) | loading unit profile |
| specializationCode | (0..1 time) String(4) | code that identifies the physical features of loading unit (e.g. 25 feet container open top). See official UIRR specialization code table provided by Ediges Consortium |
| ituType | M(1time) String(1) | Possible values:<br>• “S” = trailer<br>• “C” = swap body<br>• “I” = ISO container |
| ituLength | M(1time) Numeric(5) | Length of the loading unit in cm |
| ituWidth | (0..1 time) Numeric(5) | Width of the loading unit in cm |
| ituHeight | (0..1 time) Numeric(5) | Height of the loading unit in cm |
| tareWeight | M(1time) Numeric(5) | Tare weight (kg) |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| ituMaxPayload | (0..1 time) Numeric(5) | Maximum allowed payload in kg |
| trailerLicencePlate | (0..1 time) String | Trailer licence plate |
| unitCranable | (0..1 time) Boolean | Shows if the unit can be moved by crane or not |
| additionalUnitCode | (0..1 time) String | |

## 24.8 OrderDetails type

This segment contains information about shipment details.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| senderTransportId | M(1time) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| receiverTransportId | (0..1 times) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| receiverTransportIdPrevious | (0..1) String(20) | Identifies the former transport number (if exists) |
| operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| uirrGtwCode | (0..1 time) Numeric(7) | Unique Gateway identification (UIRR Gateway Code) |
| customerRefNumber | (0..1 time) String | Transport reference of the LSP |
| gateInPinCode | (0..1 time) String(20) | Pin Code for Gate-In |
| gateOutPinCode | (0..1 time) String(20) | Pin Code for Gate-Out |
| partnerCodeNumber | (0..1 times) String(15) | Partner internal code number (optional, e.g. used for troubleshooting from some specific partners) |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| partnerCodeUser | (0..1 times) String(15) | Partner internal code user (optional, e.g. used for troubleshooting from some specific partners) |
| reexpeditionTerminal | (0..1 time) | See Terminal type (see page 102) |
| originTerminal | (0..1 time) | See Terminal type (see page 102). It identifies the first terminal of a gateway transport. |
| departureTerminal | (0..1 time) | See Terminal type (see page 102) |
| destinationTerminal | (0..1 time) | See Terminal type (see page 102) |
| routing | (0..1 time) | Routing of the relation |
| finalTerminal | (0..1 time) | See Terminal type (see page 102). In case of gateway transport. |
| endTerminal | (0..1 time) | See Terminal type (see page 102). In case of re-expedition. |
| departureDateRequired | (0..1 times) ISO Date | Departure date required |
| forecastDeliveryDateTime | (0..1 time) ISO Datetime | Forecast delivery date and time |
| forecastReadyForPickupDateTime | (0..1 time) ISO Datetime | Forecast ready for pickup date and time |
| senderName | (0..1 time) String | Name of transport sender |
| senderUIRRCode | (0..1 time) Number(5) | Sender UIRR code |
| receiverName | (0..1 time) String | Name of transport receiver |
| receiverUIRRCode | (0..1 time) Number(5) | Receiver UIRR code |
| invoiceeName | (0..1 time) String | Name of invoicee / debtor |
| invoiceeUIRRCode | (0..1 time)Number(5) | Invoicee UIRR code |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportInvolvedCompanyUIRRCode1 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode2 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode3 | (0..1 time) Number(5) | Transport involved company UIRR code |
| operatorInvolved (see page 114) | (0..n time) | See operatorInvolved type |
| bookingCustomerName | (0..1 time) String | Name of booking company which could be different from debtor. |
| bookingCustomerUIRRCode | (0..1 time) Number(5) | Booking company UIRR code |
| transportInvoicingCompanyName | (0..1) String | Name of the company invoicing the transport for the LSP |
| transportInvoicingCompanyUIRRCode | (0..1 time) Number(5) | UIRR Code of the company invoicing the transport for the LSP |
| fullEmpty | (0..1 time) Boolean | True if full |
| grossWeight | (0..1 time) Numeric(5) | Gross weight in kg |
| netWeight | (0..1 time) Numeric(5) | Net weight in kg |
| realWeightItu | (0..1 time) Numeric | Real weight of the loading unit determined by the terminal craning system |
| roadCouplingCode | (0..1 time) Boolean | True if the loading unit is coupled |
| phytoMarkNeeded | (0..1 time) Boolean | True if phyto mark is needed |
| veterinaryMarkNeeded | (0..1 time) Boolean | True if veterinary mark is needed |
| scanning | (0..1 time) Boolean | True if scanning |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| highPriorityDeparture | (0..1 time) Boolean | True if high priority departure |
| maritimeLabel | (0..1 time) Boolean | True if maritime shipment |
| typeOfTransportMethod | (0..1 time) String | Possible values:<br>• 1 = Rail<br>• 9 = Other |
| commercialServiceCode | (0..1 time) String(2) | It may contain the type of commercial service requested from LSP. There are not predefined values. |
| shortCodeRemarks | (0..1 time) String(10) | Proposal for loading unit loading priority |
| temperatureControlledMin | (0..1 time) String(3) | Min Temperature required ex. -4 (degree) |
| temperatureControlledMax | (0..1 time) String(3) | Max Temperature required ex. +2 (degree) |
| temperatureSensitive | (0..1 time) Boolean | |
| slotSequencePriority | (0..1 time) Integer | Priority of loading in case that the customer has reserved some train slots |
| flagPickupOrder | (0..1 time) String(1) | Possible values:<br>• 1 = pickup of empty<br>• 2 = pickup of full |
| additionalCustomsInformation (see page 115) | (0..1 time) | See additionalCustomsInformation type |
| additionalService (see page 116) | (0..1 time) | See additionalService type |
| informationText | (0..1 time) String | Remarks |
| **ituDetails** (see page 49) | M(all, 1 time) | See ituDetails type |
| routingTransportOrder (see page 117) | (0..1 time) | See routingTransportOrderType |

## 24.9 OrderDetailsRestricted type

This segment contains information about shipment details.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| senderTransportId | M(1time) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| receiverTransportId | (0..1 times) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| receiverTransportIdPrevious | (0..1) String(20) | Identifies the former transport number (if exists) |
| operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| uirrGtwCode | (0..1 time) Numeric(7) | Unique Gateway identification (UIRR Gateway Code) |
| customerRefNumber | M(1 time) String | Transport LSP reference |
| gateInPinCode | (0..1 time) String(20) | Pin Code for Gate-In |
| gateOutPinCode | (0..1 time) String(20) | Pin Code for Gate-Out |
| partnerCodeNumber | (0..1 times) String(15) | Partner internal code number (optional, e.g. used for troubleshooting from some specific partners) |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| partnerCodeUser | (0..1 times) String(15) | Partner internal code user (optional, e.g. used for troubleshooting from some specific partners) |
| reexpeditionTerminal | (0..1 time) | See Terminal type (see page 102) |
| originTerminal | (0..1 time) | See Terminal type (see page 102). It identifies the first terminal of a gateway transport. |
| departureTerminal | M(1 time) | See Terminal type (see page 102) |
| destinationTerminal | M(1 time) | See Terminal type (see page 102) |
| routing | (0..1 time) | Routing of the relation |
| finalTerminal | (0..1 time) | See Terminal type (see page 102). In case of gateway transport. |
| endTerminal | (0..1 time) | See Terminal type (see page 102). In case of re-expedition. |
| departureDateRequired | (0..1 times) ISO Date | Departure date required |
| forecastDeliveryDateTime | (0..1 time) ISO Datetime | Forecast delivery date and time |
| forecastReadyForPickupDateTime | (0..1 time) ISO Datetime | Forecast ready for pickup date and time |
| senderName | (0..1 time) String | Name of transport sender |
| senderUIRRCode | M(1time) Number(5) | Sender UIRR code |
| receiverName | (0..1 time) String | Name of transport receiver |
| receiverUIRRCode | M(1time) Number(5) | Receiver UIRR code |
| invoiceeName | (0..1 time) String | Name of invoicee / debtor |
| invoiceeUIRRCode | M(1 time) Number(5) | Invoicee UIRR code |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportInvolvedCompanyUIRRCode1 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode2 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode3 | (0..1 time) Number(5) | Transport involved company UIRR code |
| operatorInvolved | (0..n time) | See OperatorInvolved type (see page 114) |
| bookingCustomerName | (0..1 time) String | Name of booking company which could be different from debtor. |
| bookingCustomerUIRRCode | (0..1 time) Number(5) | Booking company UIRR code |
| transportInvoicingCompanyName | (0..1) String | Name of the company invoicing the transport for the LSP |
| transportInvoicingCompanyUIRRCode | (0..1 time) Number(5) | UIRR Code of the company invoicing the transport for the LSP |
| fullEmpty | M(1 time) Boolean | True if full |
| grossWeight | M(1 time) Numeric(5) | Gross weight in kg |
| netWeight | (0..1 time) Numeric(5) | Net weight in kg |
| realWeightItu | (0..1 time) Numeric | Real weight of the loading unit provided by the terminal craning system |
| roadCouplingCode | M(1 time) Boolean | True if the loading unit is coupled |
| phytoMarkNeeded | (0..1 time) Boolean | True if phyto mark is needed |
| veterinaryMarkNeeded | (0..1 time) Boolean | True if veterinary mark is needed |
| scanning | (0..1 time) Boolean | True if scanning |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| highPriorityDeparture | (0..1 time) Boolean | True if high priority departure |
| maritimeLabel | (0..1 time) Boolean | True if maritime shipment |
| typeOfTransportMethod | (0..1 time) String | Possible values:<br>• 1 = Rail<br>• 9 = Other |
| commercialServiceCode | (0..1 time) String(2) | It may contain the type of commercial service requested from the LSP. There are not<br>predefined values. |
| shortCodeRemarks | (0..1 time) String(10) | Proposal for loading unit loading priority |
| temperatureControlledMin | (0..1 time) String(3) | Min Temperature required ex. -4 (degree) |
| temperatureControlledMax | (0..1 time) String(3) | Max Temperature required ex. +2 (degree) |
| temperatureSensitive | (0..1 time) Boolean | |
| slotSequencePriority | (0..1 time) Integer | Priority of loading in case that the customer has reserved some train slots |
| flagPickupOrder | (0..1 time) String(1) | Possible values:<br>• 1 = pickup of empty<br>• 2 = pickup of full |
| additionalCustomsInformation | (0..1 time) | See customsAdditionalFormalities type (see page 115) |
| additionalService | (0..n time) | See AdditionalService type (see page 116) |
| informationText | (0..1 time) String | Remarks |
| **ituDetails** (see page 51) | M(all, 1 time) | See ituDetailsRestricted type |
| routingTransportOrder | (0..1 time) | See RoutingTransportOrder type (see page 117) |

## 24.10 OrderDetailsRestricted30 type

This segment contains information about shipment details

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| senderTransportId | M(all, 1time) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| receiverTransportId | M(1 times) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| receiverTransportIdPrevious | (0..1) String(20) | Identifies the former transport number (if exists) |
| operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| uirrGtwCode | (0..1 time) Numeric(7) | Unique Gateway identification (UIRR Gateway Code) |
| customerRefNumber | M(1 time) String | Transport LSP reference |
| gateInPinCode | (0..1 time) String(20) | Pin Code for Gate-In |
| gateOutPinCode | (0..1 time) String(20) | Pin Code for Gate-Out |
| partnerCodeNumber | (0..1 times) String(15) | Partner internal code number (optional, e.g. used for troubleshooting from some specific partners) |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| partnerCodeUser | (0..1 times) String(10) | Partner internal code user (optional, e.g. used for troubleshooting from some specific partners) |
| reexpeditionTerminal | (0..1 time) | See Terminal type (see page 102) |
| originTerminal | (0..1 time) | See Terminal type (see page 102). It identifies the first terminal of a gateway transport. |
| departureTerminal | M(1 time) | See Terminal type (see page 102) |
| destinationTerminal | M(1 time) | See Terminal type (see page 102) |
| routing | (0..1 time) | Routing of the relation |
| finalTerminal | (0..1 time) | See Terminal type (see page 102). In case of gateway transport. |
| endTerminal | (0..1 time) | See Terminal type (see page 102). In case of re-expedition. |
| departureDateRequired | (0..1 times) ISO Date | Departure date required |
| forecastDeliveryDateTime | (0..1 time) ISO Datetime | Forecast delivery date and time |
| forecastReadyForPickupDateTime | (0..1 time) ISO Datetime | Forecast ready for pickup date and time |
| senderName | (0..1 time) String | Name of transport sender |
| senderUIRRCode | M(1time) Number(5) | Sender UIRR code |
| receiverName | (0..1 time) String | Name of transport receiver |
| receiverUIRRCode | M(1time) Number(5) | Receiver UIRR code |
| invoiceeName | (0..1 time) String | Name of invoicee / debtor |
| invoiceeUIRRCode | M(1time) Number(5) | Invoicee UIRR code |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportInvolvedCompanyUIRRCode1 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode2 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode3 | (0..1 time) Number(5) | Transport involved company UIRR code |
| operatorInvolved (see page 114) | (0..n time) | See operatorInvolved type |
| bookingCustomerName | (0..1 time) String | Name of booking company which could be different from debtor. |
| bookingCustomerUIRRCode | (0..1 time) Number(5) | Booking company UIRR code |
| transportInvoicingCompanyName | (0..1) String | Name of the company invoicing the transport for the LSP |
| transportInvoicingCompanyUIRRCode | (0..1 time) Number(5) | UIRR Code of the company invoicing the transport for the LSP |
| fullEmpty | M(1 time) Boolean | True if full |
| grossWeight | M(1 time) Numeric(5) | Gross weight in kg |
| netWeight | M(1 time) Numeric(5) | Net weight in kg |
| realWeightItu | (0..1 time) Numeric | Real weight of the leading unit determined by the terminal craning system |
| roadCouplingCode | M(1 time) Boolean | True if loading unit is coupled |
| phytoMarkNeeded | (0..1 time) Boolean | True if phyto mark is needed |
| veterinaryMarkNeeded | (0..1 time) Boolean | True if veterinary mark is needed |
| scanning | (0..1 time) Boolean | True if scanning |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| highPriorityDeparture | (0..1 time) Boolean | True if high priority departure |
| maritimeLabel | (0..1 time) Boolean | True if maritime shipment |
| typeOfTransportMethod | (0..1 time) String | Possible values:<br>• 1 = Rail<br>• 9 = Other |
| commercialServiceCode | (0..1 time) String(2) | It may contain the type of commercial service requested from the LSP. There are not<br>predefined values. |
| shortCodeRemarks | (0..1 time) String(10) | Proposal for loading unit loading priority |
| temperatureControlledMin | (0..1 time) String(3) | Min Temperature required ex. -4 (degree) |
| temperatureControlledMax | (0..1 time) String(3) | Max Temperature required ex. +2 (degree) |
| temperatureSensitive | (0..1 time) Boolean | |
| slotSequencePriority | (0..1 time) Integer | Priority of loading in case that the customer has reserved some train slots |
| flagPickupOrder | (0..1 time) String(1) | Possible values:<br>• 1 = pickup of empty<br>• 2 = pickup of full |
| additionalCustomsInformation (see page 115) | (0..1 time) | See additionalCustomsInformation type |
| additionalService (see page 116) | (0..1 time) | See additionalService type |
| informationText | (0..1 time) String | Remarks |
| **ituDetails** (see page 53) | M(all, 1 time) | See ituDetailsRestricted30 type |
| routingTransportOrder (see page 117) | (0..1 time) | See routingTransportOrderType |

## 24.11 OrderDetailsRestricted32 type

This segment contains information about shipment details

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| senderTransportId | M(all, 1time) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| receiverTransportId | M(1 times) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| receiverTransportIdPrevious | (0..1) String(20) | Identifies the former transport number (if exists) |
| operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| uirrGtwCode | (0..1 time) Numeric(7) | Unique Gateway identification (UIRR Gateway Code) |
| customerRefNumber | M(1 time) String | Transport LSP reference |
| gateInPinCode | (0..1 time) String(20) | Pin Code for Gate-In |
| gateOutPinCode | (0..1 time) String(20) | Pin Code for Gate-Out |
| partnerCodeNumber | (0..1 times) String(15) | Partner internal code number (optional, e.g. used for troubleshooting from some specific partners) |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| partnerCodeUser | (0..1 times) String(10) | Partner internal code user (optional, e.g. used for troubleshooting from some specific partners) |
| reexpeditionTerminal | (0..1 time) | See Terminal type (see page 102) |
| originTerminal | (0..1 time) | See Terminal type (see page 102). It identifies the first terminal of a gateway transport. |
| departureTerminal | M(1 time) | See Terminal type (see page 102) |
| destinationTerminal | M(1 time) | See Terminal type (see page 102) |
| routing | (0..1 time) | Routing of the relation |
| finalTerminal | (0..1 time) | See Terminal type (see page 102). In case of gateway transport. |
| endTerminal | (0..1 time) | See Terminal type (see page 102). In case of re-expedition. |
| departureDateRequired | (0..1 times) ISO Date | Departure date required |
| forecastDeliveryDateTime | (0..1 time) ISO Datetime | Forecast delivery date and time |
| forecastReadyForPickupDateTime | (0..1 time) ISO Datetime | Forecast ready for pickup date and time |
| transportInvolvedCompanyUIRRCode1 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode2 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode3 | (0..1 time) Number(5) | Transport involved company UIRR code |
| operatorInvolved (see page 114) | (0..n time) | See operatorInvolved type |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportInvoicingCompanyName | (0..1) String | Name of the company invoicing the transport for the LSP |
| transportInvoicingCompanyUIRRCode | (0..1 time) Number(5) | UIRR Code of the company invoicing the transport for the LSP |
| fullEmpty | M(1 time) Boolean | True if full |
| grossWeight | M(1 time) Numeric(5) | Gross weight in kg |
| netWeight | M(1 time) Numeric(5) | Net weight in kg |
| realWeightItu | (0..1 time) Numeric | Real weight of the leading unit determined by the terminal craning system |
| roadCouplingCode | M(1 time) Boolean | True if loading unit is coupled |
| phytoMarkNeeded | (0..1 time) Boolean | True if phyto mark is needed |
| veterinaryMarkNeeded | (0..1 time) Boolean | True if veterinary mark is needed |
| scanning | (0..1 time) Boolean | True if scanning |
| highPriorityDeparture | (0..1 time) Boolean | True if high priority departure |
| maritimeLabel | (0..1 time) Boolean | True if maritime shipment |
| typeOfTransportMethod | (0..1 time) String | Possible values:<br>• 1 = Rail<br>• 9 = Other |
| commercialServiceCode | (0..1 time) String(2) | It may contain the type of commercial service requested from the LSP. There are not<br>predefined values. |
| shortCodeRemarks | (0..1 time) String(10) | Proposal for loading unit loading priority |
| temperatureControlledMin | (0..1 time) String(3) | Min Temperature required ex. -4 (degree) |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| temperatureControlledMax | (0..1 time) String(3) | Max Temperature required ex. +2 (degree) |
| temperatureSensitive | (0..1 time) Boolean | |
| slotSequencePriority | (0..1 time) Integer | Priority of loading in case that the customer has reserved some train slots |
| flagPickupOrder | (0..1 time) String(1) | Possible values:<br>• 1 = pickup of empty<br>• 2 = pickup of full |
| additionalCustomsInformation (see page 115) | (0..1 time) | See additionalCustomsInformation type |
| additionalService (see page 116) | (0..1 time) | See additionalService type |
| informationText | (0..1 time) String | Remarks |
| **ituDetails** (see page 53) | M(all, 1 time) | See ituDetailsRestricted30 type |
| routingTransportOrder (see page 117) | (0..1 time) | See routingTransportOrderType |

## 24.12 TrainDetails type

This segment contains information about the train details.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| trainNumber | (M all, 1 time) String(6) | Train number |
| networkRuTrainNumber | (0..1 time) String | Represents the train number of the first train in the network |
| RuTrainId | (0..1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| externalTrainId | (0..1 time) String(8) | Treknumber for Maritime partners (train id as it is identified in external systems, e.g. like in ports) |
| OperatorTrainId | (0..1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| ruContractNumber | (0..1 time) String | Contract number with RU |
| TAFTSIRuCompanyCode | (0..1 time) Numeric(4) | TAF TSI RU Company Code |
| TAFTSIOperatorCode | (0..1 time) Numeric(4) | TAF TSI Operator Company Code |
| closingForAcceptanceDateTime | (0..1 time) ISO Datetime | Closing for acceptance date and time |
| departureDate | (0..1 time) ISO Date | Date of departure (date of closure of unit acceptance in terminal. It's not the real train departure from terminal) |
| closingForLoadingDateTime | (0..1 time) ISO Datetime | Closing for loading date and time |
| plannedRuTrainDepartureDateTime | (0..1 time) ISO Datetime | Planned RU train departure date and time |
| realRuTrainDepartureDateTime | (0..1 time) ISO Datetime | Real RU train departure date and time |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| arrivalDateTime | (0..1 time) ISO Datetime | Arrival date and time |
| arrivalStationDateTime | (0..1 time) ISO Datetime | Arrival station date and time |
| arrivalTerminalDateTime | (0..1 time) ISO Datetime | Arrival terminal date and time |
| arrivalPointOfDisposalDateTime | (0..1 time) ISO Datetime | Arrival point of disposal date and time |

## 24.13 TrainDetailsRestricted type

This segment contains information about the train details.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| trainNumber | M(1 time) String(6) | Operational train number (train number of infrastructure manager as indicated by the operator) |
| networkRuTrainNumber | (0..1 time) String | Represents the train number of the first train in the network |
| RuTrainId | (0..1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| externalTrainId | (0..1 time) String(8) | Treknumber for Maritime partners (train number as it is identified in external systems, e.g. like in ports) |
| OperatorTrainId | (0..1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| ruContractNumber | (0..1 time) String | Contract number with RU |
| TAFTSIRuCompanyCode | (0..1 time) Numeric(4) | TAF TSI RU Company Code |
| TAFTSIOperatorCode | (0..1 time) Numeric(4) | TAF TSI Operator Company Code |
| closingForAcceptanceDateTime | (0..1 time) ISO Datetime | Closing for acceptance date and time |
| departureDate | M(1 time) ISO Date | Date of departure (date of closure of unit acceptance in terminal. It's not the real train departure from terminal) |
| closingForLoadingDateTime | (0..1 time) ISO Datetime | Closing for loading date and time |
| plannedRuTrainDepartureDateTime | (0..1 time) ISO Datetime | Planned RU train departure date and time |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| realRuTrainDepartureDateTime | (0..1 time) ISO Datetime | Real RU train departure date and time |
| arrivalDateTime | (0..1 time) ISO Datetime | Arrival date and time |
| arrivalStationDateTime | (0..1 time) ISO Datetime | Arrival station date and time |
| arrivalTerminalDateTime | (0..1 time) ISO Datetime | Arrival terminal date and time |
| arrivalPointOfDisposalDateTime | (0..1 time) ISO Datetime | Arrival point of disposal date and time |

## 24.14 TrainDetailsRestrictedStatus38 type

This segment contains information about the train details.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| trainNumber | M(1 time) String(6) | Train number |
| networkRuTrainNumber | (0..1 time) String | Represents the train number of the first train in the network |
| RuTrainId | (0..1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| externalTrainId | (0..1 time) String(8) | Treknumber for Maritime partners (train id as it is identified in external systems, e.g. like in ports) |
| OperatorTrainId | (0..1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| ruContractNumber | (0..1 time) String | Contract number with RU |
| TAFTSIRuCompanyCode | (0..1 time) Numeric(4) | TAF TSI RU Company Code |
| TAFTSIOperatorCode | (0..1 time) Numeric(4) | TAF TSI Operator Company Code |
| closingForLoadingDateTime | (0..1 time) ISO Datetime | Closing for loading date and time |
| departureDate | (0..1 time) ISO Date | Date of departure (date of closure of unit acceptance in terminal. It's not the real train departure from terminal) |
| closingForLoadingDateTime | (0..1 time) ISO Datetime | Closing for loading date and time |
| plannedRuTrainDepartureDateTime | (0..1 time) ISO Datetime | Planned RU train departure date and time |
| realRuTrainDepartureDateTime | (0..1 time) ISO Datetime | Real RU train departure date and time |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| arrivalDateTime | M(1 time) ISO Datetime | Arrival date and time |
| arrivalStationDateTime | (0..1 time) ISO Datetime | Arrival station date and time |
| arrivalTerminalDateTime | (0..1 time) ISO Datetime | Arrival terminal date and time |
| arrivalPointOfDisposalDateTime | (0..1 time) ISO Datetime | Arrival point of disposal date and time |

## 24.15 DeliveryDistribution type

This segment contains information about delivery distribution.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| deliveryDistributionCode | (M all, 1 time) String(1) | Possible values:<br>• “I” = delivery<br>• “O” = distribution |
| deliveryDistributionType | (M all, 1 time) String(1) | Delivery type of the loading unit<br>Possible values:<br>• “1” = road<br>• “2” = rail<br>• “3” = ferry<br>• “4” = vessel<br>• “5” = storage<br>• “6” = no information |
| **roadTransportInformation** (see page 94) | (0..1 time) | See roadTransportInformation type |
| **seaTransportInformation** (see page 95) | (0..1 time) | See seaTransportInformation type |
| **trainTransportInformation** (see page 99) | (0..1 time) | See trainTransportInformation type |
| **ferryTransportInformation** (see page 100) | (0..1 time) | See ferryTransportInformation type |
| **depotStorageInformation** (see page 101) | (0..1 time) | See depotStorageInformation type |

## 24.16 DeliveryDistributionRouting type

This segment contains information about delivery distribution.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportLegModality | (M all, 1 time) String(1) | Delivery type of the loading unit<br>Possible values:<br>• “1” = road<br>• “2” = rail<br>• “3” = ferry<br>• “4” = vessel<br>• “5” = storage<br>• “6” = no information |
| **roadTransportInformation** (see page 94) | (0..1 time) | See roadTransportInformation type |
| **seaTransportInformation** (see page 95) | (0..1 time) | See seaTransportInformation type |
| **trainTransportInformation** (see page 99) | (0..1 time) | See trainTransportInformation type |
| **ferryTransportInformation** (see page 100) | (0..1 time) | See ferryTransportInformation type |
| **depotStorageInformation** (see page 101) | (0..1 time) | See depotStorageInformation type |

## 24.17 GoodsInformation type

This segment contains data concerning non dangerous goods.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| description | M(all,1time) String | Good description |
| netWeight | M(all,1time) Numeric(5) | Net weight (kg) |
| packageQuantity | (0..1 time) Numeric(5) | Quantity of packages |
| packageType | (0..1 time) String(15) | Type of package |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| nhmCode | (0..1 time) String(8) | Nhm code |
| **wasteInformation** (see page 85) | (0..1 time) | See WasteInformation type |

## 24.18 DangerousGoodsInformation type

This segment contains information concerning dangerous goods.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| description | M(all,1time) String | Product description |
| nagDescription | (0..1 time) String | Additional description in case of Not Other Specified (NAG) |
| packageQuantity | (0..1 time) Numeric(5) | Quantity of packages |
| packageType | (0..1 time) String(15) | Type of packages |
| unNumber | M(all,1time) Numeric(4) | UN international code |
| netWeight | M(all,1time) Numeric(5) | Net weight (kg) |
| limitedQty | (0..1 time) Boolean | “True” if limited quantity |
| kemmlerNumber | (0..1 time) String(4) | Kemmler/Dangerous Number (UN definition) |
| packageGroup | (0..1 time) String(5) | Packaging group (I/II/III...) |
| dangerLabels | (0..1 time) String | Dangerous good labels (4 labels,each 4 digits) |
| classificationCode | (0..1 time) String(5) | Classification Code (F1,TC2) |
| marginal1144 | (0..1 time) Boolean | “True” if marginal1144 |
| marginal54122d | (0..1 time) Boolean | “True” if marginal54122d |
| guardsOpeningDate | (0..1 time) ISO Date | Minimum date for valve opening |
| explosiveWeight | (0..1 time) Numeric(5) | Weight of the explosive (kg) |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| nhmCode | (0..1 time) String(8) | Nhm code |
| environmentPollutant | (0..1 time) Boolean | “True” if environmental pollutant |
| dangGoodRules | (0..1 time) Boolean | “True” if declared according to new rules (only in case of transition period) |
| specialPrescriptions | (0..1 time) String(30) | Special prescriptions (5 prescriptions,each 6 digits) |
| fireworksReferenceNbr | (0..1 time) String | Reference number in case of fireworks goods |
| fireworksCountry | (0..1 time) String(2) | ISO country code |
| fireworksAuthority | (0..1 time) String | Fireworks authority |
| fireworksAuthorityUIRRCode | (0..1 time) Integer(2) | Fireworks authority UIRR code |
| rid100 | (0..1 time) Boolean | “True” if transport according 5.4.1.1.14 |
| rid101 | (0..1 time) Boolean | “True” if transport according 4.3.2.4.3 |
| rid102 | (0..1 time) Boolean | “True” if transport according 4.3.2.4.4 |
| rid103 | (0..1 time) Boolean | “True” if transport according 7.5.8.1 |
| rid104 | (0..1 time) Boolean | “True” if transport according 2.2.41.1.13 |
| rid105 | (0..1 time) Boolean | “True” if transport according 2.2.52.1.8 |
| rid106 | (0..1 time) Boolean | “True” if transport according 2.2.41.1 5 |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| rid107 | (0..1 time) Boolean | “True” if transport according 2.2 52. 1.9 |
| rid108 | (0..1 time) Boolean | “True” if material autoreactive non considered for class 4 |
| rid109 | (0..1 time) Boolean | “True” if material autoreactive non considered for class 5.2 |
| rid110 | (0..1 time) ISO Date | Fumigation date |
| rid111 | (0..1 time) ISO Time | Fumigation time |
| rid112 | (0..1 time) String | Fumigation agents |
| rid113 | (0..1 time) Numeric(5) | Quantity (kg) of fumigation elements used |
| rid114 | (0..1 time) String | Company responsible for material class 6.2 – 5.4.1.2.4 (infective) |
| rid115 | (0..1 time) String | Company phone for material class 6.2 5.4.1.2.4 (infective material) |
| rid116 | (0..1 time) Boolean | “True” if transport according 4.1.2.2(b) |
| rid117 | (0..1 time) Boolean | “True” if transport according 6.7.2.19.6(b) |
| rid118 | (0..1 time) Boolean | “True” if transport according 6.7.3.15.6(b) |
| rid119 | (0..1 time) Boolean | “True” if transport according 6.7.4.14.6(b) |
| rid120 | (0..1 time) String | Empty container type article RID 5.4.1.1.6.2.1 and 5.4.1.1.6.2.2 |
| orangeTable | (0..1 time) Boolean | “True” if present in orange table |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| emergencyInstructionsQuantity | (0..1 time) Numeric(3) | |
| class | (0..1 time) String(10) | Product class |
| casNumber | (0..1 time) String(8) | |
| marginal1143 | (0..1 time) Boolean | |
| marginal1131c | (0..1 time) Boolean | |
| emsNumber | (0..1 time) String(6) | Ems number |
| mfagNumber | (0..1 time) String(5) | Mfag number |
| exDangerousMark | (0..1 time) Boolean | “False” in the case the loading unit is empty but not cleaned. (Tankcontainer ) |
| specialPrescriptionCode | (0..1 time) String | |
| ridprog | (0..1 time) Numeric(5) | |
| sea | (0..1 time) String(1) | |
| rid121 | (0..1 time) String | |
| rid122 | (0..1 time) String | |
| rid123 | (0..1 time) String | |
| goodsHotTransport | (0..1 time) Boolean | “True” if hot transport |
| infoText | (0..1 time) String | Additional good information |
| rid124 | (0..1 time) Boolean | “True” if Waste in compliance with 2.1.3.5.5 |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| rid125 | (0..1 time) String(1) | Container filled with mix materials 6.11.4<br>Possible values:<br>• “1” = BK1<br>• “2” = BK2 |
| rid125A | (0..1 time) String(2) | Linked with RID 125, country code |
| n1136 | (0..1 time) Boolean | |
| **DGadditionalMarginalInformation** (see page 92) | (0..1 time) | See DGadditionalMarginalInformation type |
| **wasteInformation** (see page 85) | (0..1 time) | See WasteInformation type |

## 24.19 WasteInformation type

This segment contains information about waste information.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| cerCode | (0..1 time) String(15) | CER code |
| module54B | (0..1 time) String(20) | Waste/litter: international codification |
| competentAuthority | (0..1 time) String | Competent Authority for waste |
| type | (0..1 time) String(1) | Waste type<br>Possible values:<br>• “” = Not a waste transport<br>• “2“ = Mod. IB<br>• “3” = Mod. VII<br>• “4” = Mod. III<br>• “5” = Mod FIR |

## 24.20 SealsInformation type

This segment contains the identification of how many and which seal numbers have been applied to the loading unit.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| sealNumber | M(all,1time) String(20) | Seal identification |
| sealAmount | M(all,1time) Numeric(2) | Quantity of seals |
| sealType | (0..1 time) String(2) | Seal type |
| sealLocation | (0..1 time) String | Seal location |

## 24.21 CustomsInformation type

This segment contains data regarding customs documents concerning the transport.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| documentNumber | M(all,1time) String | Document number |
| documentType | M(all,1time) String(5) | Document type (T1, T2, etc.) |
| documentDate | M(all,1time) ISO Date | Document date |
| presentationDate | (0..1 time) ISO Date | Custom document presentation date |
| departureCountry | (0..1 time) String(3) | Departure country ISO code |
| departureCustomsOffice | (0..1 time) String | Custom office of departure |
| arrivalCountry | (0..1 time) String(3) | Arrival country ISO code |
| arrivalCustomsOffice | M(all,1time) String | Customs Office location |
| customsAgentInDepartureCountry | (0..1 time) String | Name of the customs agent in the departure country |
| customsAgentInArrivalCountry | (0..1 time) String | Name of the customs agent in the arrival country |
| customsDocumentConsignor | (0..1 time) String | Consignor of the customs document |
| customsDocumentConsignee | (0..1 time) String | Consignee of the customs document |
| customsHSCode | (0..1 time) String | additional to nhm-Code |
| customsTaricCode | (0..1 time) String | additional to nhm-Code |
| customsCustodian | (0..1 time) String | Name of the custodian processing customs |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| customsDeclarant | (0..1 time) String | Name of the party declaring customs |
| description | (0..1 time) String | Additional description |

## 24.22 DamagesInformation type

This segment contains specific data regarding the damages identified for the loading unit. In case of status 10 – booking, the damages are to be intended as the last data collected at the terminal. These data may be sent by an intermodal operator, who transmits a booking of its own LSPs, and not by LSPs sending their bookings.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| damageReference | (0..1 time) String | Internal damage reference |
| damagePartnerCode | (0..1 time) String | EDI Damage partner code |
| damagePartnerText | (0..1 time) String | Damage partner text |
| damagePartnerCodification | (0..1 time) String(10) | Damage codification table |
| damageDate | M(all,1time) ISO Date | Date of damage identification |
| whatCode | M(all,1time) String(2) | “What” code UIRR |
| whereCode | M(all,1time) String(2) | “Where” code UIRR |
| howCode | M(all,1time) String(2) | “How” code UIRR |
| legalProcess | (0..1 time) Boolean | “True” if legal process initiated |

## 24.23 SwissSplitInformation type

This segment contains information regarding internal Swiss traffic based on terminals in combination with a single wagon traffic from/to Swiss rail station.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| importExport | M(all,1time) String(1) | Import / export flag.<br>Possible values:<br>• “ “ = unknown / not applicable<br>• “E“ = Export from Europe<br>• “I“ = Import into Europe |
| swissSplitStationUic | M(all,1time) Numeric(8) | UIC Code of the station |
| swissSplitStationName | (0..1 time) String | Station name |
| connectingTrackPlace | M(all,1time) String(40) | Connecting track place (I/E) |
| connectingTruckCode | M(all,1time) String(3) | Connecting track SBB code (I/E) |
| wagonType | (0..1 time) String | Wagon type (import) |
| companyCustomCleareance | (0..1 time) String | Name of company responsible for custom clearance (import) |
| companyCustCleUIRRCode | (0..1 time) Numeric(5) | UIRR code of the company |
| customClearenceInstruction | (0..1 time) String | Customs clearance instruction for import |
| forwardingInstruction | (0..1 time) String | Forwarding instructions for import |
| remarks | (0..1 time) String | Remarks for import / export |
| quantityAxesOrdered | (0..1 time) Numeric(1) | Quantity axes of ordered wagon type (I/E) |
| wagonQuantityAxes | (0..1 time) Numeric(1) | Quantity axes of used wagon type (I/E) |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| wagonNumber | (0..1 time) String(13) | Wagon Number |
| attachedDocuments | (0..1 time) String | List of attached documents for import / export |
| weightingNotes | (0..1 time) String | Notes concerning weighting for Export |
| transportReceiverName | (0..1 time) String | Name of the transport receiver |
| transportSenderName | (0..1 time) String | Name of the transport sender |
| ladestelle | (0..1 time) String(3) | |
| firmnr | (0..1 time) String(6) | |
| firmfil | (0..1 time) String(3) | |
| nationNumber | (0..1 time) Numeric(2) | |
| checkDigit | (0..1 time) Numeric(1) | |
| woodLoadingPlan | (0..1 time) Boolean | “True” to identify a request of a wood loading plan for the single wagon |
| beforderungsauftrag | (0..1 time) Boolean | “True” if to be generated and transmitted to SBB |
| departureTimeWagon | (0..1 time) ISO Time | Departure time of wagon |
| readyForPickupPier | (0..1 time) Boolean | “True” if ready for pickup |
| departureDateWagon | (0..1 time) ISO Date | Departure date of wagon |
| transportReceiverUIRRCode | (0..1 time) Numeric(5) | UIRR number of the receiver |
| transportSenderUIRRCode | (0..1 time) Numeric(5) | UIRR number of the sender |
| stationNumber | (0..1 time) Numeric(5) | |

## 24.24 DGadditionalMarginalInformation type

This segment allows to add additional RID (international carriage of dangerous goods by rail) code information to the dangeours goods segment.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| RIDMarginal | M(all,1time) String | RIDMarginal codification (ex.5.4.1.1) |
| RIDMarginalText | M(all,1time) String | Text to be reported on documents or forwarded in EDI with partner |
| RIDMarginalInformation01 | M(all,1time) String | Marginal Information 01 |
| RIDMarginalInformation02 | M(all,1time) String | Marginal Information 02 |
| RIDMarginalInformation03 | M(all,1time) String | Marginal Information 03 |
| RIDMarginalInformation04 | M(all,1time) String | Marginal Information 04 |
| RIDMarginalInformation05 | M(all,1time) String | Marginal Information 05 |
| RIDMarginalInformation06 | M(all,1time) String | Marginal Information 06 |
| RIDMarginalInformation07 | M(all,1time) String | Marginal Information 07 |
| RIDMarginalInformation08 | M(all,1time) String | Marginal Information 08 |
| RIDMarginalInformation09 | M(all,1time) String | Marginal Information 09 |
| RIDMarginalInformation10 | M(all,1time) String | Marginal Information 10 |

## 24.25 WagonDetails type

This segment contains information about the wagon details.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| wagonNumber | (M all, 1 time) String(12) | Wagon number |
| wagonType | (0..1 time) String | Wagon type |
| wagonCompatibilityCode | (0..1) String(1) | Can be one of (a, b, c, d, e, f) |
| wagonModule | (0..1 time) Numeric(1) | In case of multi-module wagon, it indicates which one of the module is related to |
| gpsUnit | (0..1 time) Boolean | True if gps is present |
| wagonAxes | (0..1 time) Numeric(1) | Number of axes of the wagon |
| wagonLength | (M all, 1 time) Number(4) | Length of the wagon (cm) |
| wagonTrestleHeight | (0..1) Integer (5) | Height of the trestle (cm) |
| wagonTare | (M all, 1 time) Number(5) | Wagon tare weight (kg) |
| wagonMaxWeight | (0..1 time) Numeric | Maximum loading weight of wagon (kg) |
| wagonBrakeWeight | (0..1 time) Numeric(8) | Wagon brakes weight (kg) |
| wagonManualBrakeWeight | (0..1 time) Numeric(8) | Wagon manual brakes weight (kg) |

## 24.26 RoadTransportInformation type

This segment contains information about road transport.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| vehicleLicencePlate | (M all, 1 time) String(20) | Vehicle licence plate |
| driverName | (0.. 1 time) String | Driver name |
| driverIdNumber | (0..1 time) String(20) | Driver identification document number |
| driverIdDocument | (0..1 time) String(20) | Driver identification document type |
| driverCompany | (0..1 time) String | Driver company name |
| driverCompanyUIRRCode | (0..1 time) Numeric(5) | UIRR number of the driver company |
| roadRemark | (0..1 time) String | Road remark |
| etdDateTime | (0..1 time) ISO Datetime | Expected date and time of departure |
| etaDateTime | (0..1 time) ISO Datetime | Expected date and time of arrival |
| roadBookingReference | (0..1 time) String | Road booking reference |
| departureLocationName | (0..1 time) String | Departure location name |
| arrivalLocationName | (0..1 time) String | Arrival location name |
| OperatorTrainId | (0..1 times) | See TAFTSICompositIdentifierOperationalType (see page 147) |

## 24.27 SeaTransportInformation type

This segment contains the specific data for maritime transports departing or arriving at a certain port or pier.

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| importExport | M(all,1time) String(1) | Import / export flag.<br>Possible values:<br>• “” = unknown / not applicable<br>• “E“ = Export from Europe<br>• “I“ = Import into Europe |
| vesselName | (0..1 time) String | Vessel name departing/arriving |
| vesselCode | (0..1 time) String(10) | Vessel international code |
| voyageNumber | (0..1 time) String | Voyage number reference |
| shippingCompany | (0..1 time) String | Shipping company name |
| shippingCompanyCode | (0..1 time) String | Shipping company international code |
| shippingLine | (0..1 time) String | Name of the Shipping Line |
| shippingLineCode | (0..1 time) String | Shipping Line international code (SCAC) |
| bookingNumber | (0..1 time) String | Booking number by shipping company |
| billLadingNumber | (0..1 time) String | Bill of lading document number |
| departureHarbourName | (0..1 time) String | Departure Harbour name |
| departureHarbourCode | (0..1 time) String | Departure harbour international code |
| arrivalHarbourName | (0..1 time) String | Arrival harbour name |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| arrivalHarbourCode | (0..1 time) String(10) | Arrival Harbour International code |
| pierTrainLoadName | (0..1 time) String | Pier name train load |
| pierTrainUnloadName | (0..1 time) String | Pier name train unload |
| pierShipLoadName | (0..1 time) String | Departure pier code/name |
| pierShipLoadCode | (0..1 time) String | Pier ship load code |
| pierShipUnloadName | (0..1 time) String | Arrival pier Name |
| pierShipUnloadCode | (0..1 time) String | Arrival pier code |
| shipUnloadDateTime | (0..1 time) ISO Datetime | Ship unload date and time |
| etdDateTime | (0..1 time) ISO Datetime | Expected date and time of departure |
| etaDateTime | (0..1 time) ISO Datetime | Expected date and time of arrival |
| loadingUnitDateTime | (0..1 time) ISO Datetime | Loading unit date and time |
| closingDateTime | (0..1 time) ISO Datetime | Closing date and time of loading on vessel |
| shuntingDateTime | (0..1 time) ISO Datetime | Shunting date and time |
| shippingAgent | (0..1 time) String | Shipping agent name/code |
| shippingAgentCode | (0..1 time) String(20) | Shipping agent international code |
| forwarder | (0..1 time) String | Forwarder name |
| forwarderCode | (0..1 time) String(10) | Forwarder international code |
| goodsStatus | (0..1 time) String(1) | Possible values:<br>• “” = not urgent |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| | | • “U” = urgent |
| customDocumentDateTime | (0..1 time) ISO Datetime | Custom document date and time |
| countryOfOrigin | (0..1 time) String(3) | Country of origin ISO code |
| countryOfFinalDestination | (0..1 time) String(3) | Country of final destination ISO code |
| customsHandling | (0..1 time) String | |
| customsHandlingCode | (0..1 time) String | |
| pickupReference | (0..1 time) String(20) | Reference for container pick-up |
| deliveryReference | (0..1 time) String(20) | Reference for container delivery |
| portCallNr | (0..1 time) String(20) | |
| lloydsNr | (0..1 time) String(20) | |
| articleNr | (0..1 time) String(20) | |
| itemNumber | (0..1 time) String(20) | |
| customClearancePlace | (0..1 time) String(40) | Place of future custom clearance |
| customClearanceCompany | (0..1 time) String(40) | Company responsible for future custom clearance |
| repositioning | (0..1 time) String(20) | Only in case of repositioning to the original location |
| pickupDeliveryOrder | (0..1 time) Boolean | |
| informationText | (0..1 time) String | Additional information text |
| remark | (0..1 time) String | Additional maritime remarks |

| Element | Format (M = mandatory)(status = specific or all) | Description |
|---|---|---|
| vesselRemark | (0..1 time) String | Additional remarks |
| callSign | (0..1 time) String(5) | |
| containerOwnerCompany | (0..1 time) String | |
| containerCarrierCompanyUIRRCode | (0..1 time) Integer(5) | |

## 24.28 TrainTransportInformation type

This segment contains information about train transport.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| trainOperatorName | (M all, 1 time) String | Train operator name |
| trainNumber | (M all, 1 time) String(6) | Train number |
| trainTerminalOriginDestinationName | (0..1 time) String | Destination terminal (distribution) Origin terminal (Delivery) |
| trainTerminalOriginDestinationUirrCode | (0..1 time) Numeric(3) | UIRR Code of the terminal |
| railRemark | (0..1 time) String | Rail remarks |
| etdDateTime | (0..1 time) ISO Datetime | Expected date and time of departure |
| etaDateTime | (0..1 time) ISO Datetime | Expected date and time of arrival |
| trainBookingReference | (0..1 time) String | Train booking reference |
| trainDepartureTerminalName | (0..1 time) String | Departure terminal name |
| trainDepartureTerminalUIRRCode | (0..1 time) Integer(3) | Departure terminal UIRR code |
| trainArrivalTerminalName | (0..1 time) String | Arrival terminal name |
| trainArrivalTerminalUIRRCode | (0..1 time) Integer(3) | Arrival terminal UIRR code |
| OperatorTrainId | (0..1 times) | See TAFTSICompositIdentifierOperationalType (see page 147) |

## 24.29 FerryTransportInformation type

This segment contains information about ferry transport.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| ferryShippingCompany | (M all, 1 time) String | Ferry shipping company |
| ferryBookingReference | (0..1 time) String | Booking reference |
| ferryPortOriginDestinationName | (0..1 time) String | Ferry Port Departure |
| ferryRemark | (0..1 time) String | Remarks |
| etdDateTime | (0..1 time) ISO Datetime | Expected date and time of departure |
| etaDateTime | (0..1 time) ISO Datetime | Expected date and time of arrival |
| departureLocationName | (0..1 time) String | Departure location name |
| arrivalLocationName | (0..1 time) String | Arrival location name |
| OperatorTrainId | (0..1 times) | See TAFTSICompositIdentifierOperationalType (see page 147) |

## 24.30 DepotStorageInformation type

This segment contains information about depot storage.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| storageOperatorName | (M all, 1 time) String | Storage operator |
| storageCompanyName | (0..1 time) String | Company storage |
| storageCostUnitName | (0..1 time) String | Cost unit |
| storageRemark | (0..1 time) String | Storage remark |
| depotBookingReferece | (0..1 time) String | Depot booking reference |
| etdDateTime | (0..1 time) ISO Datetime | Expected date and time of departure |
| etaDateTime | (0..1 time) ISO Datetime | Expected date and time of arrival |
| departureLocationName | (0..1 time) String | Departure location name |
| arrivalLocationName | (0..1 time) String | Arrival location name |
| depotTerminalUIRRCode | (0..1 time) Integer(3) | Depot terminal UIRR code |
| OperatorTrainId | (0..1 times) | See TAFTSICompositIdentifierOperationalType (see page 147) |

## 24.31 Terminal type

This segment contains information about a terminal.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| terminalUIRRCode | (M, 1 time) Numeric(3) | Terminal UIRR code |
| terminalName | (0..1 time) String | Terminal name |
| terminalShortName | (0..1 time) String | Terminal short name |
| TAFTSITerminalCountryISOCode | (0..1 time) String(2) | TAF TSI country ISO Code 3166-1 alpha code |
| TAFTSITerminalLocationPrimaryCode | (0..1 time) Numeric | TAF TSI location primary code. Range 0 - 9999 |
| TAFTSITerminalLocationPrimaryName | (0..1 time) String(255) | TAF TSI location primary name |
| LocationSubsidiaryIdentification | (0..1 time) | See TAFTSILocationSubsidiaryIdentification type (see page 144) |
| referenceLocation | (0..1 time) String(1) | Possible values:<br>• D=departure<br>• A=arrival |

## 24.32 TerminalTypeRestricted

This segment contains information about terminal.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| terminalUIRRCode | (M, 1 time) Numeric(3) | Terminal UIRR code |
| terminalName | (0..1 time) String | Terminal name |
| TAFTSITerminalCountryISOCode | (0..1 time) String(2) | TAF TSI country ISO Code 3166-1 alpha code |
| TAFTSITerminalLocationPrimaryCode | (0..1 time) Numeric | TAF TSI location primary code. Range 0 - 9999 |
| TAFTSITerminalLocationPrimaryName | (0..1 time) String(255) | TAF TSI location primary name |
| LocationSubsidiaryIdentification | (0..1 time) | See TAFTSILocationSubsidiaryIdentification type (see page 144) |
| referenceLocation | M(1 time) String(1) | Possible values:<br>• D=departure<br>• A=arrival |

## 24.33 Station type

This segment contains information about a station.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| stationUIC | (M, 1 time) Numeric(8) | Station UIC code |
| stationName | (0..1 time) String | Station name |
| TAFTSIStationCountryISOCode | (0..1 time) String(2) | TAF TSI country ISO Code 3166-1 alpha code |
| TAFTSIStationLocationPrimaryCode | (0..1 time) Numeric | TAF TSI location primary code. Range 0 - 9999 |
| TAFTSIStationLocationPrimaryName | (0..1 time) String(255) | TAF TSI location primary name |
| LocationSubsidiaryIdentification | (0..1 time) | See TAFTSILocationSubsidiaryIdentification type (see page 144) |

## 24.34 PositioningData type

This segment contains information about positioning data.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| positioningDateTime | (M, 1 time) ISO Datetime | Positioning Date and time |
| longitude | (M, 1 time) Decimal | Longitude |
| latitude | (M, 1 time) Decimal | Latitude |
| localization | (0..1) String | Localization |
| gpsDeviceId | (0..1) String | GPS device ID |

## 24.35 TrainDetailsGeneric type

This segment contains information about the details of the train used in EDIGES generic messages.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| trainNumber | (M all, 1 time) String(6) | Train number |
| departureDate | (M all, 1 time) ISO Date | Departure date |
| RuTrainId | (M all, 1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| externalTrainId | (0..1 time) String(8) | External train ID |
| OperatorTrainId | (0..1 time) | See TAFTSICompositIdentifierOperationalType (see page 147) |
| departureDate | (M all, 1 time) ISO Date | Date of departure (date of closure of unit acceptance in terminal. Not the real train departure from terminal) |
| plannedRuTrainDepartureDateTime | (0..1 time) ISO Datetime | Planned RU train departure date and time |

## 24.36 ShipmentGeneric type

This segment contains information about shipment generic messages.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| senderTransportId | M(all, 1time) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| receiverTransportId | M(all, 1time) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| uirrGtwCode | (0..1) Integer(7) | Gateway UIRR code |
| customerRefNumber | (0..1 time) String | Transport LSP reference |
| etaGateArrivalDateTime | M(all, 1time) ISO Datetime | ETA Gate arrival Date and time |
| ituCode | M(all, 1time) String(20) | Loading unit code |
| terminal (see page 102) | M(all, 1time) | See Terminal type |
| deliveryDistribution (see page 77) | M(all, 1time) | See DeliveryDistribution type |
| positioningData (see page 105) | (0..1 time) | See PositioningData type |
| additionalRemarks | (0..1 time) String | Additional remarks |

## 24.37 TrainGeneric type

This segment contains information about train generic messages.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| departureTerminal (see page 102) | M(all, 1time) | See Terminal type |
| arrivalTerminal (see page 102) | M(all, 1time) | See Terminal type |
| routing | (0..1 time) | Routing of the relation |
| trainDetails (see page 106) | M(all, 1time) | See TrainDetailsGeneric type |
| wagonNumber | (M all, 1 time) String(13) | Wagon number |
| additionalRemarks | (0..1 time) String | Additional remarks |

## 24.38 TerminalData type

This segment contains information about terminal data.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| openingHoursSector | (M, 1 time) String | Possible values:<br>• Agency<br>• Terminal<br>• Crane<br>• AgencyAndTerminal |
| validFrom | (M, 1 time) ISO Date | Valid from date |
| validTo | (0..1 time) ISO Date | Valid to date |
| openingHour | (0..1 time) | See Opening Hour type (see page 110) |

## 24.39 OpeningHour type

This segment contains information about terminal opening hour type.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| monday | (M, 1 time) | See Day Hours type (see page 111) |
| tuesday | (M, 1 time) | See Day Hours type (see page 111) |
| wednesday | (M, 1 time) | See Day Hours type (see page 111) |
| thursday | (M, 1 time) | See Day Hours type (see page 111) |
| friday | (M, 1 time) | See Day Hours type (see page 111) |
| saturday | (M, 1 time) | See Day Hours type (see page 111) |
| sunday | (M, 1 time) | See Day Hours type (see page 111) |
| specialDays | (0..n time) | |

## 24.40 DayHours type

This segment contains information about day hours type.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| twentyfourhours | (M, 1 time) Boolean | True if opened 24 hours |
| closed | (M, 1 time) Boolean | True if closed |
| hours | (M, 1..n time) | See Hours type (see page 113) |

## 24.41 SpecialDays type

This segment contains information about special days type.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| day | (0..n time) | See Day Hours type (see page 111) |

## 24.42 Hours type

This segment contains information about hours type.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| opening | (M, 1 time) ISO Time | Opening time |
| closing | (M, 1 time) ISO Time | Closing time |

## 24.43 OperatorInvolved type

This segment contains information about operator involved type.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| operatorInvolvedUIRRCode | (M, 1 time) Integer(2) | UIRR code of the involved operator in the transportation |
| operatorRole | (M, 1 time) String | Role of the operator involved.<br>Possible values:<br>• operating<br>• invoicing |

## 24.44 CustomsAdditionalFormalities type

This segment contains information about customs additional formalities

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| customsFormalities | (0..1 time) String | Possible values:<br>• 1 = Customs at the departure terminal<br>• 2 = Customs at the destination terminal<br>• 3 = No customs required<br>• 9 = Customs during transit |
| customsForwarder | (0..1 time) String | (UIRR-Nr.) of the forwarder for customs formalities |
| customsAtArrivalTerminal | (0..1 time) Boolean | True if customs at arrival terminal |
| customsArrivalTerminal | (0..1 time) String | See Terminal type (see page 102) |
| customsAgentAtArrivalTerminalUIRRCode | (0..1 time) Integer(5) | UIRR code of the customs agent |

## 24.45 AdditionalService type

This segment contains information about additional customs information

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| serviceLocation | (M, 1 time) String | Location of the service |
| serviceType | (M, 1 time) String | Type of the service |
| serviceDescription | (M, 1 time) String | Description of the service |

## 24.46 RoutingTransportOrder type

This segment contains information about routing transport order

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| routingTransportOrderElement | (M, n time) Integer | See RoutingTransportOrderElement type (see page 118) |

## 24.47 RoutingTransportOrderElement type

This segment contains information about an element of routing transport order

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportLegSequence | (M, 1 time) Integer | |
| arrangedByOperator | (M,1 time) Boolean | |
| transportOrderModality | (M,1 time) | See DeliveryDistributionRouting type (see page 77) |

## 24.48 RoutingPlanned type

This segment contains information about routing planned

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| routingTransportOrderElement | (M, n time) Integer | See RoutingPlannedElement type (see page 120) |

## 24.49 RoutingPlannedElement type

This segment contains information about an element of routing transport order

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportLegSequence | (M, 1 time) Integer | |
| arrangedByOperator | (M,1 time) Boolean | |
| transportLegModality | (M,1 time) String(1) | Delivery type of the loading unit<br>Possible values:<br>• “1” = road<br>• “2” = rail<br>• “3” = ferry<br>• “4” = vessel<br>• “5” = storage<br>• “6” = no information |
| departureLocationName | (M,1 time) String | |
| arrivalLocationName | (M,1 time) String | |

## 24.50 ResponseData type

This segment contains information about response data type

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| responseCode | (0..1 time) String | |
| responseText | (M,1 time) String | |
| responseError | (0..n time) | |

## 24.51 ResponsibleActor type

Actor who is responsible for the delay or interruption

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| ResponsibleIM | (0..1) String(4) | Infrastructure manager |
| ResponsibleAU | (0..1) String(255) | Authority |
| ResponsibleRU | (0..1) String(4) | Railway undertaking |
| ResponsibleTO | (0..1) String(4) | Terminal operator |
| ResponsibleIO | (0..1) String(4) | Intermodal operator |
| ResponsibleLSP | (0..1) String(6) | Logistic service provider |
| ResponsibleOther | (0..1) String(255) | Other |

## 24.52 ResponsibleAsset type

Responsible asset type

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| **Section** | (0..1) | If the problem is related to a section (Brenner, Gotthard) |
| LocationFrom | (M,1) | See TAFTSILocationIdent type (see page 146) |
| LocationTo | (M,1) | See TAFTSILocationIdent type (see page 146) |
| **Location** | (0..1) | If the problem is related to a specific location or terminal (Munich, KTL) See TAFTSILocationIdent type (see page 146) |
| **Train** | (0..1) | If the problem is related to a specific train (50999) |
| TrainLocation | (0..1) | See TAFTSILocationIdent type (see page 146) |
| TrainLocationStatus | (0..1) | TAF TSI Coding for disruption reasons:<br>01 Arrival at destination<br>02 Departure at origin<br>03 Intermediate arrival<br>04 Intermediate departure<br>05 Pass through<br>06 NEW CODES: Some IMs are transmitting these codes (6 - 9)<br>07<br>08<br>09<br>10 Not specified for wagon Starting from 10, the values are only wagon related.<br>11 Wagon arrival at its destination by train<br>12 Wagon departure from its station of origin by train<br>13 Wagon arrival at reporting point by train<br>14 Wagon departure from reporting point by train<br>15 Wagon run-through at reporting point by train<br>16 Wagon parked at reporting point<br>17 Wagon shunted at reporting point |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| | | 18 Wagon arrived at reporting point<br>19 Wagon departure from reporting point |
| trainDetails (see page 73) | (1,n) | See trainDetailsRestricted type |
| **Wagon** | (0..1) | If the problem is related to a specific wagon |
| WagonLocation | (0..1) | See TAFTSILocationIdent type (see page 146) |
| wagonDetails (see page 125) | (1..n) | See wagonDetails (with damage) type |
| **LoadingUnit** | (0..1) | If the problem is related to a specific loading unit |
| UnitLocation | (0..1) | See TAFTSILocationIdent type (see page 146) |
| orderDetails (see page 126) | (1..n) | See orderDetails (with damage) type |
| **Other** | (0..1) String(255) | If it is not a location or an asset |

## 24.53 WagonDetailsWithDamage type

This segment contains information about the wagon details with damage.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| wagonNumber | (M all, 1 time) String(12) | Wagon number |
| wagonType | (0..1 time) String | Wagon type |
| wagonCompatibilityCode | (0..1) String(1) | Can be one of (a, b, c, d, e, f) |
| wagonModule | (0..1 time) Numeric(1) | In case of multi-module wagon, it indicates which one of the module is related to |
| gpsUnit | (0..1 time) Boolean | True if gps is present |
| wagonAxes | (0..1 time) Numeric(1) | Number of axes of the wagon |
| wagonLength | (M all, 1 time) Number(4) | Length of the wagon (cm) |
| wagonTrestleHeight | (0..1) Integer (5) | Height of the trestle (cm) |
| wagonTare | (M all, 1 time) Number(5) | Wagon tare weight (kg) |
| wagonMaxWeight | (0..1 time) Numeric | Maximum loading weight of wagon (kg) |
| wagonBrakeWeight | (0..1 time) Numeric(8) | Wagon brakes weight (kg) |
| wagonManualBrakeWeight | (0..1 time) Numeric(8) | Wagon manual brakes weight (kg) |
| DamageInformation (see page 89) | (0..1 time) | See damagesInformationType |

## 24.54 OrderDetailsWithDamage type

This segment contains information about shipment details.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| senderTransportId | M(1time) String(20) | This reference identifies the transport in the systems of the EDI partner who sends the data. |
| receiverTransportId | (0..1 times) String(20) | This reference identifies the transport in the systems of the EDI partner who receives the data. |
| receiverTransportIdPrevious | (0..1) String(20) | Identifies the former transport number (if exists) |
| operatorTransportId | (0..1 times) String | Id for the loco shipment transport (departure terminal → destination terminal) given by the intermodal operator processing at the departure terminal of the line section |
| gtwTripNumber | (0..1) String | Id for the complete shipment transport (origin terminal → final terminal) given by the intermodal operator processing at the origin terminal |
| uirrGtwCode | (0..1 time) Numeric(7) | Unique Gateway identification (UIRR Gateway Code) |
| customerRefNumber | (0..1 time) String | Transport reference of the LSP |
| gateInPinCode | (0..1 time) String(20) | Pin Code for Gate-In |
| gateOutPinCode | (0..1 time) String(20) | Pin Code for Gate-Out |
| partnerCodeNumber | (0..1 times) String(15) | Partner internal code number (optional, e.g. used for troubleshooting from some specific partners) |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| partnerCodeUser | (0..1 times) String(15) | Partner internal code user (optional, e.g. used for troubleshooting from some specific partners) |
| reexpeditionTerminal | (0..1 time) | See Terminal type (see page 102) |
| originTerminal | (0..1 time) | See Terminal type (see page 102). It identifies the first terminal of a gateway transport. |
| departureTerminal | (0..1 time) | See Terminal type (see page 102) |
| destinationTerminal | (0..1 time) | See Terminal type (see page 102) |
| routing | (0..1 time) | Routing of the relation |
| finalTerminal | (0..1 time) | See Terminal type (see page 102). In case of gateway transport. |
| endTerminal | (0..1 time) | See Terminal type (see page 102). In case of re-expedition. |
| departureDateRequired | (0..1 times) ISO Date | Departure date required |
| forecastDeliveryDateTime | (0..1 time) ISO Datetime | Forecast delivery date and time |
| forecastReadyForPickupDateTime | (0..1 time) ISO Datetime | Forecast ready for pickup date and time |
| senderName | (0..1 time) String | Name of transport sender |
| senderUIRRCode | (0..1 time) Number(5) | Sender UIRR code |
| receiverName | (0..1 time) String | Name of transport receiver |
| receiverUIRRCode | (0..1 time) Number(5) | Receiver UIRR code |
| invoiceeName | (0..1 time) String | Name of invoicee / debtor |
| invoiceeUIRRCode | (0..1 time)Number(5) | Invoicee UIRR code |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| transportInvolvedCompanyUIRRCode1 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode2 | (0..1 time) Number(5) | Transport involved company UIRR code |
| transportInvolvedCompanyUIRRCode3 | (0..1 time) Number(5) | Transport involved company UIRR code |
| operatorInvolved (see page 114) | (0..n time) | See operatorInvolved type |
| bookingCustomerName | (0..1 time) String | Name of booking company which could be different from debtor. |
| bookingCustomerUIRRCode | (0..1 time) Number(5) | Booking company UIRR code |
| transportInvoicingCompanyName | (0..1) String | Name of the company invoicing the transport for the LSP |
| transportInvoicingCompanyUIRRCode | (0..1 time) Number(5) | UIRR Code of the company invoicing the transport for the LSP |
| fullEmpty | (0..1 time) Boolean | True if full |
| grossWeight | (0..1 time) Numeric(5) | Gross weight in kg |
| netWeight | (0..1 time) Numeric(5) | Net weight in kg |
| realWeightItu | (0..1 time) Numeric | Real weight of the loading unit determined by the terminal craning system |
| roadCouplingCode | (0..1 time) Boolean | True if the loading unit is coupled |
| phytoMarkNeeded | (0..1 time) Boolean | True if phyto mark is needed |
| veterinaryMarkNeeded | (0..1 time) Boolean | True if veterinary mark is needed |
| scanning | (0..1 time) Boolean | True if scanning |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| highPriorityDeparture | (0..1 time) Boolean | True if high priority departure |
| maritimeLabel | (0..1 time) Boolean | True if maritime shipment |
| typeOfTransportMethod | (0..1 time) String | Possible values:<br>• 1 = Rail<br>• 9 = Other |
| commercialServiceCode | (0..1 time) String(2) | It may contain the type of commercial service requested from LSP. There are not predefined values. |
| shortCodeRemarks | (0..1 time) String(10) | Proposal for loading unit loading priority |
| temperatureControlledMin | (0..1 time) String(3) | Min Temperature required ex. -4 (degree) |
| temperatureControlledMax | (0..1 time) String(3) | Max Temperature required ex. +2 (degree) |
| temperatureSensitive | (0..1 time) Boolean | |
| slotSequencePriority | (0..1 time) Integer | Priority of loading in case that the customer has reserved some train slots |
| flagPickupOrder | (0..1 time) String(1) | Possible values:<br>• 1 = pickup of empty<br>• 2 = pickup of full |
| additionalCustomsInformation (see page 115) | (0..1 time) | See additionalCustomsInformation type |
| additionalService (see page 116) | (0..1 time) | See additionalService type |
| informationText | (0..1 time) String | Remarks |
| **ituDetails** (see page 49) | M(all, 1 time) | See ituDetails type |
| routingTransportOrder (see page 117) | (0..1 time) | See routingTransportOrderType |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| DamageInformation (see page 89) | (0..1 time) | See damagesInformation type |

## 24.55 Event type

Description of the irregularity that has occurred

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| DelayReport (see page 139) | (0..1) | Entry in case of a delay. See Delay type |
| InterruptionReport (see page 140) | (0..1) | Entry in case of an interruption. See Interruption type |
| InformationReport | (0..1) String(255) | Free text field to describe an irregularity event |
| EventDateTime | (0..1) | StartDateTime and/or EndDateTime of the delay or interruption See EventDuration type (see page 132) |
| EventDelay | (0..1) String(5) | Delay of the actual tranpsort in minutes. First character is the sign + or - then 4 digits |
| EventType | (0..1) String(255) | Free text field. For example: delay, suspension, status information, change notification, not active anymore, closed etc. |

## 24.56 EventDuration type

To specifiy the probable duration of the interruption

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| StartDateTime | (0..1) Datetime | Time or start of the delay or interruption |
| EndDateTime | (0..1) Datetime | End of the delay or interruption |

## 24.57 Reason type

To specifiy the reason type

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| ReasonCode | (M,1) String(5) | Reason for a delay or interruption:<br>• A01 - Force majeure<br>• A0101 Force majeure - Force majeure - Railway accident<br>• A0102 Force majeure - Force majeure - Railway incident<br>• A0103 Force majeure - Force majeure - Strike<br>• A0104 Force majeure - Force majeure - Weather Condition<br>• A0105 Force majeure - Force majeure - Illigal immigrants<br>• A02 - IT problems<br>• A0201 All parties - IT problems - IT problem terminal<br>• A0202 All parties - IT problems - IT problem intermodal operator system<br>• A0203 All parties - IT problems - IT problem RU<br>• A0204 All parties - IT problems - IT problem infrastructure<br>• A03 - Infra works<br>• A0301 Railway undertaking - Infra works - Delay due to announced infra work<br>• A0302 Railway undertaking - Infra works - Delay due to not announced infra works<br>• A04 - Missing resources<br>• A0401 Railway undertaking - Missing resources - Missing loco<br>• A0402 Railway undertaking - Missing resources - Missing loco driver<br>• A0403 Railway undertaking - Missing resources - Missing wagon master<br>• A05 - Technical issues RU<br>• A0501 Railway undertaking - Technical issues RU - Defect loco<br>• A0502 Railway undertaking - Technical issues RU - Damaged wagon |

| Element | Format (M = mandatory) (status = specific or all) | Description |
| --- | --- | --- |
| | | • A0503 Railway undertaking - Technical issues RU - Damaged loading unit<br>• A0504 Railway undertaking - Technical issues RU - Wrong parameters of train<br>• A0505 Railway undertaking - Technical issues RU - Mom-compliant wagon loading unit regulation<br>• A06 - Operational issues RU<br>• A0601 Railway undertaking - Operational issues RU - Delay of previous train / ferry<br>• A0602 Railway undertaking - Operational issues RU - First / last mile delay<br>• A0603 Railway undertaking - Operational issues RU - Circulation delay<br>• A0604 Railway undertaking - Operational issues RU - Agreed end of loading prolongation<br>• A0605 Railway undertaking - Operational issues RU - Not respected HLR time<br>• A07 - Administrative issues RU<br>• A0701 Railway undertaking - Adminstrative issues RU - Missing or wrong documentation<br>• A0702 Railway undertaking - Adminstrative issues RU - Planning error<br>• A0703 Railway undertaking - Adminstrative issues RU - Shipping mistake by RU<br>• A08 - Shunting issues<br>• A0801 Railway undertaking - Shunting issues - Shunting error<br>• A0802 Railway undertaking - Shunting issues - Shunting towards shunting yard delayed<br>• A0803 Railway undertaking - Shunting issues - Missing shunting staff<br>• A0804 Railway undertaking - Shunting issues - Missing pushing loco |

| Element | Format (M = mandatory) (status = specific or all) | Description |
| --- | --- | --- |
| | | • A09 - Missing or wrong documents after HLR time<br>• A0901 Terminal related - Missing or wrong documents after HLR time - DG docs<br>• A0902 Terminal related - Missing or wrong documents after HLR time - Customs docs<br>• A0903 Terminal related - Missing or wrong documents after HLR time - Waybill<br>• A0904 Terminal related - Missing or wrong documents after HLR time - Waste docs<br>• A10 - Non-technical unit issues<br>• A1001 Terminal related - Non-technical unit issues - Missing, damageed or wrong DG labels<br>• A1002 Terminal related - Non-technical unit issues - Missing or wrong seals<br>• A1003 Terminal related - Non-technical unit issues - Contanier not available<br>• A1004 Terminal related - Non-technical unit issues - Contanier not released<br>• A1005 Terminal related - Non-technical unit issues - Contanier unknown<br>• A1006 Terminal related - Non-technical unit issues - Contanier already in use<br>• A1007 Terminal related - Non-technical unit issues - Contanier unknown for the shipping line<br>• A1008 Terminal related - Non-technical unit issues - Booking already used<br>• A1009 Terminal related - Non-technical unit issues - Booking unknown for the shipping line<br>• A1010 Terminal related - Non-technical unit issues - Blocked by customs<br>• A1011 Terminal related - Non-technical unit issues - Blocked by shipping line |

| Element | Format (M = mandatory) (status = specific or all) | Description |
| --- | --- | --- |
| | | • A1012 Terminal related - Non-technical unit issues - Displaced loading unit<br>• A1013 Terminal related - Non-technical unit issues - Size type not approved<br>• A1014 Terminal related - Non-technical unit issues - Unit blocked by terminal<br>• A1015 Terminal related - Non-technical unit issues - Unit blocked by CTO<br>• A1016 Terminal related - Non-technical unit issues - Unit loaded on wrong train<br>• A1017 Terminal related - Non-technical unit issues - National bank holiday<br>• A11 - Technical unit issues<br>• A1101 Terminal related - Technical unit issues - Damage loading unit<br>• A1102 Terminal related - Technical unit issues - Unit rejected by inspection service<br>• A1103 Terminal related - Technical unit issues - Overload loading unit<br>• A1104 Terminal related - Technical unit issues - RID problem discovered by inspection service<br>• A1105 Terminal related - Technical unit issues - Leakage of loading unit RID goods<br>• A1106 Terminal related - Technical unit issues - Leakage of loading unit non-RID goods<br>• A12 - Technical wagon issues<br>• A1201 Terminal related - Technical wagon issues - Other damaged loading unit on wagon<br>• A1202 Terminal related - Technical wagon issues - Technical wagon damage<br>• A1203 Terminal related - Technical wagon issues - Other defect wagon in train<br>• A1204 Terminal related - Technical wagon issues - Wagon rejected by inspection service |

| Element | Format (M = mandatory) (status = specific or all) | Description |
| --- | --- | --- |
| | | • A1205 Terminal related - Technical wagon issues - Overload wagon<br>• A13 - Technical terminal problems<br>• A1301 Terminal related - Technical terminals problems - Technical terminals problems<br>• A1302 Terminal related - Technical terminals problems - Crane / reach stacker<br>• A1303 Terminal related - Technical terminals problems - Track<br>• A1304 Terminal related - Technical terminals problems - Leaking unit on the terminal ground<br>• A14 - Non-technical train related issues<br>• A1401 Terminal related - Non-technical train related issues - Previous train / ferry delayed<br>• A1402 Terminal related - Non-technical train related issues - Lost time slot<br>• A1403 Terminal related - Non-technical train related issues - Terminal capacity constraints<br>• A1404 Terminal related - Non-technical train related issues - Shipping mistake by terminal<br>• A1405 Terminal related - Non-technical train related issues - Shunting delayed<br>• A1406 Terminal related - Non-technical train related issues - Agreed end of loading prolongation<br>• A1407 Terminal related - Non-technical train related issues - Not respected HLR time<br>• A1408 Terminal related - Non-technical train related issues - Wrong train cancellation<br>• A15 - Technical train related issues<br>• A1501 Terminal related - Technical train related issues - Train parameters not respected<br>• A16 - CTO issues<br>• A1601 Intermodal operator related - CTO issues - CTO request replanning |

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| | | • A1602 Intermodal operator related - CTO issues - Shipping mistake by intermodal operator<br>• A1603 Intermodal operator related - CTO issues - Missing / wrong information provided to partner<br>• A1604 Intermodal operator related - CTO issues - Wrong train cancellation<br>• A1605 Intermodal operator related - CTO issues - Customs issues<br>• A1606 Intermodal operator related - CTO issues - Missed train connection<br>• A1607 Intermodal operator related - CTO issues - Delayed ferry arrival<br>• C01 - Cancellation<br>• C0101 Cancellation - Cancellation - Railway accident<br>• C0102 Cancellation - Cancellation - Railway incident with human impact<br>• C0103 Cancellation - Cancellation - Strike<br>• C0104 Cancellation - Cancellation - Weather conditions<br>• C0105 Cancellation - Cancellation - Illegal immigrants<br>• C0106 Cancellation - Cancellation - Delay of corresponding train<br>• C0107 Cancellation - Cancellation - Lack of resources<br>• C0108 Cancellation - Cancellation - Line interruption<br>• C0109 Cancellation - Cancellation - Lack of traffic / volume<br>• C0110 Cancellation - Cancellation - Planned cancellation due to infraworks<br>• C0111 Cancellation - Cancellation - Bank holiday<br>• C0112 Cancellation - Cancellation - Planning error |
| DelayCause | (0..1) String(2) | Delay Code TAF-TSI |
| ReasonDescription | (0..1) String | Reason description |

## 24.58 Delay type

To specifiy the delay type

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| DelayReason (see page 133) | (0..1) | See Reason type |
| DelayCodingDateTime | (0..1) Datetime | Time when the dalay message was saved |
| DelayCauseStatus | (0..1) String | Possible values:<br>• active<br>• agreed<br>• deleted |

## 24.59 Interruption type

To specifiy the interruption type

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| InterruptionReason (see page 133) | (0..1) | See Reason type |
| InterruptionCodingDateTime | (0..1) Datetime | Time when the interruption message was saved |
| InterruptionStatus | (0..1) String | Possible values:<br>• blocked<br>• interrupted<br>• running with problems<br>• closed |

## 24.60 TAFTSITiming type

This segment contains information about TAFTSITiming. It corresponds to the TAF/TSI element `Timing`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| Time | (M, 1 time) ISO Date | |
| Offset | (M, 1 time) Numeric | In days. Range -99 to 99 |
| EventDateTime | (M, 1 time) ISO Datetime | |

## 24.61 TAFTSITimingAtLocation type

This segment contains information about TAFTSITimingAtLocation. It corresponds to the TAF/TSI element `TimingAtLocation`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| Time | (M, 1 time) ISO Date | |
| Offset | (M, 1 time) Numeric | In days. Range -99 to 99 |
| EventDateTime | (M, 1 time) ISO Datetime | |
| BookedLocationDateTime | (0..1 time) ISO Datetime | |
| DwellTime | (0..1 time) Numeric | The minimum duration of dwell time expressed in minutes |
| TimingQualifierCode | (M, 1 time) String | Possible values:<br>• PLA = Public Location Arrival<br>• ELA = Earliest Location Arrival<br>• ALA = Actual Location Arival<br>• LLA = Latest Location Arrival<br>• PLD = Public Location Departure<br>• ELD = Earliest Location Departure<br>• ALD = Actual Location Departure<br>• LLD = Latest Location Departure |

## 24.62 TAFTSITerminal type

This segment contains information about TAFTSITerminal.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| terminalName | (M, 1 time) String | |
| terminalUIRRCode | (M, 1 time) Numeric | In days. Range 000 to 999 |
| terminalShortName | (0..1 time) String | |
| LocationPrimaryCode | (0..1 time) Numeric | From 0 to 99999 |
| LocationSubsidiaryIdentification | (0..1 time) | See TAFTSILocationSubsidiaryIdentification (see page 144) |

## 24.63 TAFTSILocationSubsidiaryIdentification type

This segment contains information about TAFTSILocationSubsidiaryIdentification. It corresponds to the TAF/TSI element `LocationSubsidiaryIdentification`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| LocationSubsidiaryCode | (M, 1 time) String(10) | TAF TSI Location Subsidiary Code. 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 |
| AllocationCompany | (M, 1 time) Numeric | Identifies the RU, IM or other company involved in the Rail TransportChain. Range 0000 to 9999 |
| LocationSubsidiaryName | (0..1 time) String(255) | TAF TSI Location Primary Name |

## 24.64 TAFTSIPlannedCalendarType

This segment contains information about TAFTSIPlannedCalendarType. It corresponds to the TAF/TSI element `PlannedCalendar`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| BitmapDays | (0, 1 time) String(1…749) | A string of up to 740 characters, each character representing a consecutive calendar day. The characters can either be “0” (no departure on this day) or “1” (departure planned on this day. |
| ValidityPeriod | (M, 1 time) | Contains two elements of type xs:dateTime: StartDateTime and EndDateTime |

## 24.65 TAFTSILocationIdent type

This segment contains information about TAFTSILocationIdent. It corresponds to the TAF/TSI element `LocationIdent`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| CountryCodeISO | (M, 1 time) String(2) | |
| LocationPrimaryCode | (M, 1 time) Integer(1…99999) | |
| PrimaryLocationName | (0..1) String(255) | |
| LocationSubsidiaryIdentification | (0..1) | See TAFTSILocationSubsidiaryIdentification type (see page 144) |

## 24.66 TAFTSICompositIdentifierOperationalType

This segment contains information about TAFTSICompositIdentifierPlannedType. It corresponds to the TAF/TSI element `CompositIdentifierOperationalType`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| ObjectType | (M, 1 time) String(2) | Can be (TR, PA, CR, PR), but not restricted to these values. |
| Company | (M, 1 time) Integer(4) | RICS Code |
| Core | (M..1) String(12) | |
| Variant | (M..1) String(2) | |
| TimetableYear | (M..1) Integer(4) | Can be a number from 2012 to 2097 |
| StartDate | (M..1) xs:date | |

## 24.67 TAFTSICompositIdentifierPlannedType

This segment contains information about TAFTSICompositIdentifierPlannedType. It corresponds to the TAF/TSI element `CompositIdentifierPlannedType`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| ObjectType | (M, 1 time) String(2) | Can be (TR, PA, CR, PR) |
| Company | (M, 1 time) Integer(4) | |
| Core | (M..1) String(12) | |
| Variant | (M..1) String(2) | |
| TimetableYear | (M..1) Integer(4) | Can be a number from 2012 to 2097 |
| StartDate | (0..1) xs:date | |

## 24.68 TAFTSITrainActivityType

This segment contains information about TAFTSITrainActivityType. It corresponds to the TAF/TSI type `TrainActivityType`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| TrainActivityType | (M..1) String(4) | |
| AssociatedAttachedTrainID | (0..1) Integer(1…99999) | see TAFTSICompositIdentifierPlanned type (see page 148) |
| AssociatedAttachedOTN | (0..1) String(8) | |

## 24.69 TAFTSITractionDetails

This segment contains information about TAFTSITractionDetails. It corresponds to the TAF/TSI element `TractionDetails`.

The fields TrainCC_System and TrainRadioSystem are not relevant for EDIGES and do not need to be set.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| LocoTypeNumber | (M..1) | Composite identifier for the loco types and locomotives. |
| TractionMode | (M..1) Integer(2) | see TAFTSICompositIdentifierPlanned Type (see page 148) |
| TrainCC_System | (0..1) xs:token | |
| TrainRadioSystem | (0..1) xs:token | The on board radio system of the train in coded format |
| TractionWeight | (0..1) Integer(5) | |
| Length | (0..1) | Length in milimetres - Used for TAP |

## 24.70 TAFTSITrainInformation

Train information provided by the RUs as an overview for the entire train journey from origin to destination. This element corresponds to the TAF/TSI element `TrainInformation`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| PlannedJourneyLocation | (2..n) | See TAFTSIPlannedJourneyLocation (see page 152) |
| PlannedCalendar | (M..1) Integer(2) | See TAFTSIPlannedCalendarType (see page 145) |
| PathPlanningReferenceLocation | (M..1) | See TAFTSILocationIdent type (see page 146) |

## 24.71 TAFTSIPlannedJourneyLocation

Any operation point along the train journey. This element corresponds to the TAF/TSI element `PlannedJourneyLocation` and is an extension of the element TAFTSILocationIdent type (see page 146).

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| TimingAtLocation | (0..1) | See TAFTSITimingAtLocation type (see page 142). |
| FreeTextField | (0..n) String(255) | |
| ResponsibleApplicant | (0..1)Integer(4) | |
| ResponsibleRU | (0..1)Integer(4) | |
| ResponsibleIM | (0..1)Integer(4) | |
| PlannedTrainData | (0..1) | See TAFTSIPlannedTrainData (see page 153). |
| StatusOfHarmonization | (0..1) | Does not force harmonization, it just sets a n indication message: has the interchange/ handover been harmonized or not. |
| TrainActivity | (0..n) | See TAFTSITrainActivityType (see page 149). |
| OnDemandPath | (0..1) Boolean | |
| PreArrangedPath | (0..1) String(9) | Path offered by the IMs with pre-defined frequencies, times of departures an d destinations and routings suitable for frei ght transport services. |
| OperationalTrainNumber | (0..1) String(8) | |
| NetworkSpecificParameter | (0..n) | A list of name-value pairs of type String(255) |
| JourneyLocationTypeCode | xs:token | attribute, can be one of (01, 02, 03, 04, 05, 06, 07, 08, 99) |

## 24.72 TAFTSIPlannedTrainData

Train relevant data for a planning period. This element corresponds to the TAF/TSI element `PlannedTrainData`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| TrainType | (0..1) Integer | |
| TrafficType | (0..1) String(2) | Information about the type of traffic (combined, rolling highway, etc). It is added here as a placeholder for coded values (e.g. from Merits) |
| TypeofService | (0..1) | See TAFTSITypeOfService (see page 154). |
| CommercialTrafficType | (0..1) Integer | Commercial Brand Name of a train service based on Service Brand Coding List of TAP |
| PlannedTrainTechnicalData | (M..1) | See TAFTSIPlannedTrainTechnicalData (see page 155). |
| ExceptionalGaugingIdent | (0..n) | Indicates that an exceptional Gauging is in the train or for the wagon |
| DangerousGoodsIndication | (0..n) | See TAFTSIDanGoodsType (see page 156). |
| CombinedTrafficLoadProfile | (0..1) | This element refers to combined load units that can be used for Freight Requests only. |

## 24.73 TAFTSITypeOfService

Information about the services available on a train. Used for publication towards the passenger. This element corresponds to the TAF/TSI element `TypeOfService`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| SpecialServiceDescriptionCode | (0..n) Integer | Service on a Train according to TAP Code List B.4.716 |
| FacilityTypeDescriptionCode | (0..n) Integer | Facilities on a Train according to TAP Code List B.4.9039 |
| CharacteristicDescriptionCode | (0..n) Integer | Characteristics on a Train according to TAP Code List B.4.7137 |

## 24.74 TAFTSIPlannedTrainTechnicalData

Shows the relevant technical data for a running train. This element corresponds to the TAF/TSI element `PlannedTrainTechnicalData`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| TrainWeight | (M..1) Integer(5) | |
| TrainLength | (M..1) Integer(4) | |
| WeightOfSetOfCarriages | (0..n) Integer(5) | |
| LengthOfSetOfCarriages | (0..n) Integer(4) | |
| TractionDetails | (1..n) | See TAFTSITractionDetails (see page 150) |
| TrainMaxSpeed | (M..1) Integer(3) | |
| HighestPlannedSpeed | (0..1) Integer(3) | |
| MaxAxleWeight | (0..1) Decimal(2.1) | |
| RouteClass | (0..1) String | Indication of the route class based on CEN EN 15528 |
| BrakeType | (0..1) xs:token | Type of braking system |
| EmergencyBrakeOverride | (0..1) Boolean | |
| BrakingRatio | (0..1) Integer(3) | Minimum percentage of braking. Expressed as an integer value (no percent sign should be added). |
| MinBrakedWeightPercent | (0..1) Integer(3) | Minimum percentage of braking claimed by IM for safety reasons. |
| BrakeWeight | (0..1) Integer(5) | Shows the Braked mass of the wagon according to the type of the braking system, in Tonnes |

## 24.75 TAFTSIDanGoodsType

This element indicates the type of a dangerous load. This element corresponds to the TAF/TSI element `DanGoodsType`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| HazardIdentificationNumber | (0..1) String(4) | |
| UN_Number | (0..1) String(4) | The UNNumber of the dangerous good according to the RID chapter 3.2, table A, column 1. |
| DangerLabel | (0..5) Integer(5) xs:token | All Danger Label of this dangerous good according to the RID chapter 3.2, table A, column 5, |
| RID_Class | (0..n) String(4) | The Class of the dangerous good according to the RID chapter 3.2, table A, column 3a. |
| PackingGroup | (0..1) xs:token | The Packing Group according to the RID chapter 3.2, table A, column 4. |
| DangerousGoodsWeight | (0..1) Integer(6) | The weight of the dangerous goods in Kilograms |
| DangerousGoodsVolume | (0..1) Float | The volume of the dangerous goods in cubic meters |
| LimitedQuantityIndicator | (0..1) Boolean | Indicator for labelled dangerous goods in limited quantity according to chapter 3.-4 RID |

## 24.76 TAFTSIMessageHeaderType

This element indicates the TAFTSI Header. This element corresponds to the TAF/TSI element `Header`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| MessageReference | (M,1) | See TAFTSIMessageReferenceType (see page 158) |
| MessageRoutingID | (0..1) Integer(2) | Additional information used to route the message to the correct receiving application (if needed). Value from 01 to 99 |
| SenderReference | (0..1) String(255) | |
| **Sender** | (M,1) Integer | Identifies the Sender RU, IM or other company involved in the Rail TransportChain Value from 0001 to 9999 |
| CI_InstanceNumber | Attribute, Integer | Number of a Common Interface instance for the same company. Value from 01 to 99 |
| MessageDateTimeCreated | (0..1) Datetime | Date and time when the message was created by the legacy system |
| **Recipient** | (M,1) Integer | Identifies the Recipient RU, IM or other company involved in the Rail TransportChain Value from 0001 to 9999 |
| CI_InstanceNumber | Attribute, Integer | Number of a Common Interface instance for the same company. Value from 01 to 99 |

## 24.77 TAFTSIMessageReferenceType

Generated by the TAFTSI common InterfaceThis element indicates identifies the message. This element corresponds to the TAF/TSI element `MessageReferenceType`.

| Element | Format (M = mandatory) (status = specific or all) | Description |
|---|---|---|
| MessageType | (M,1) String(4) | To indicate the message type transmitted or referred to. |
| MessageTypeVersion | (M,1) String(25) | Version of the Message Type |
| MessageIdentifier | (M,1) String(255) | |
| MessageDateTime | (M,1) Datetime | Generated by the TAFTSI common Interface |