



Edition 2013-10-01

## **Technical specifications for the Electronic CIM/SMGS Consignment Note**

### Remarks:

- This document includes the technical specifications for the electronic CIM/SMGS consignment note which was reviewed at the twelfth meeting of the CIM/SMGS Steering Group on 8 July 2009.
- This document has the status of a recommendation for the benefit of undertakings who wish to use an electronic version of the CIM/SMGS consignment note.

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# 1 ECN Message flow

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## 1.2 Introduction

Within the Raildata ECN Working Group it was a task to analyse the message flow for the paperless international freight traffic and provide the eRail Freight Steering Board with a proposal, how it can work in the near future.




















Therefore we defined two scenarios. In the first all ECN messages are being transferred on a bilateral way. And the second scenario shows the advantages when a central message broker is in use. Also descriptions of possible advantages and disadvantages for every scenario are included. This document has been created based on the “Specifications for the Electronic CIM/SMGS Consignment Note” by the CIT.

The grey arrows indicate the transmission of informational messages. For example to inform the following carriers about the transport as long as possible before they are in custody of the goods. The right to process the electronic consignment note belongs to the carrier who has custody of the goods. If necessary, the electronic consignment note is to be updated by each of the carriers.

### 1.3 Colours and shapes used in this document

All diagrams in this document are using the conventions for colours and shapes shown in the list below.

#### Diagram 1

-  central message broker
  -  contractual carrier (CIM), forwarding railway (SMGS)
  -  successive carrier
  -  substitute carrier
  -  subcontractor
  -  authorised successive carrier (acts on behalf of the contractual carrier)
  -  subcontractor only responsible against his principal
  -  consignor / consignee
  -  carrier who has custody of the goods
  -  carrier informed about the transport
  -  carrier at the reconsignment point (CIM ↔ SMGS)
- 
-  ECN message transmission
  -  prior notification message transmission
  -  confirmation message transmission
  -  message transmission for informational purposes. Optional, due to bilateral contracts.
  -  message transmission for informational purposes outside of the scope of this proposal
  -  ECN message transmission outside of the scope of this proposal
  -  prior notification message transmission outside of the scope of this proposal
  -  confirmation message transmission outside of the scope of this proposal

## 1.4 Scenario 1 – Bilateral ECN data exchange

### 1.4.1 Example

All informational messages (grey arrows) have been agreed upon in bilateral contracts between the carriers.

#### 1.4.1.1 Assumption

- Contractual carrier is the first carrier
- Subcontractor is receiving a subset of the ECN from his order.
- Due to the existence of a subcontractor in the transport only the direction CIM  $\Rightarrow$  SMGS is possible.

#### 1.4.1.2 Dataflow process

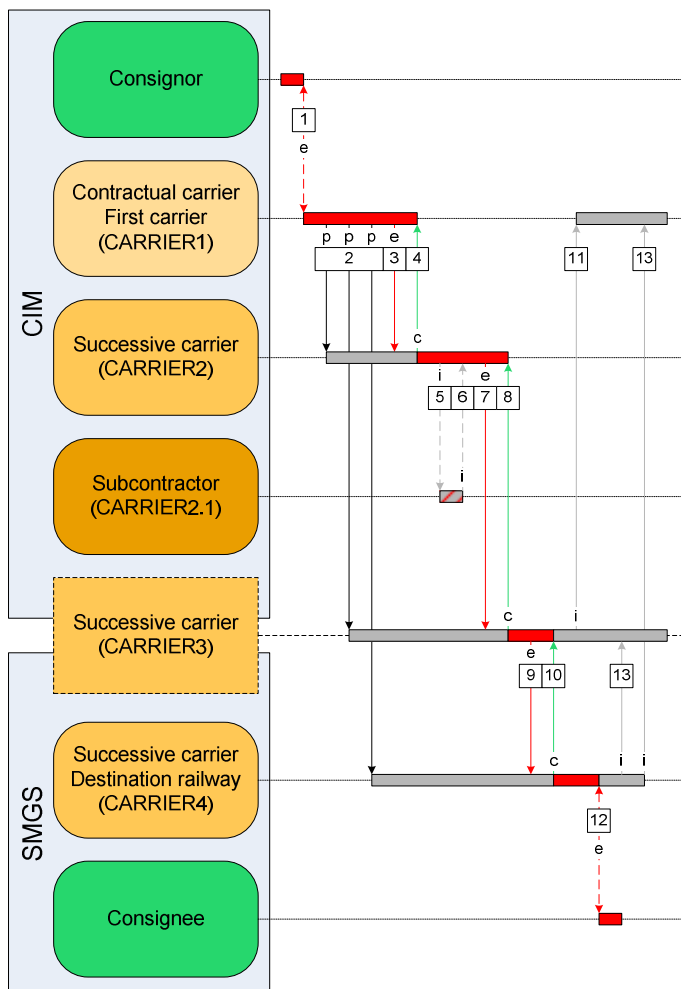


Diagram 2

### 1.4.1.3 Description

As agreed by the contractual carrier and the subcontractor, the subcontractor shall only receive a limited extract from the ECN data. As long as the subcontractor is not in the routing list of the ECN the communication between subcontractor and carrier, which ordered him is not part of the ECN data flow.

01. The transport contract is being established between the consignor and the contractual carrier. The contractual carrier takes over the responsibility.
02. The contractual carrier sends the 'prior notification' to all participating carriers, which are written in the routing section of the ECN.
03. The contractual carrier forwards the ECN during handover of the physical transport to the next successive carrier.
04. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the previous carrier.
05. No access rights are to be granted to a subcontractor because he is not a party to the contract of carriage. Data access rights for the subcontractor are to be agreed upon individually between the ordering carrier and the subcontractor, depending on the operations that the subcontractor is to carry out. From the view of ECN the successive carrier is still responsible.
06. After finishing his part, the subcontractor has to send the current version of the ECN subset back to the successive carrier. The successive carrier has to merge the data from the subcontractor with his ECN data to an updated ECN.
07. The successive carrier forwards the ECN during handover of the physical transport to the next successive carrier.
08. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the previous carrier.
09. The successive carrier forwards the ECN during handover of the physical transport to the destination railway.
10. The destination railway accepts the correctness of the transfer of responsibility by sending a confirmation message to the previous carrier.
11. The "Advice of Delivery at reconsignment point" message is only sent to the contractual carrier, if this sending has been agreed upon with the contractual carrier.
12. The destination railway delivers the good to the consignee, the transport ends officially.
13. The "Advice of Delivery" message is only sent, if this sending has been agreed upon with the contractual carrier and/or with the carrier at the reconsignment point.

## 1.4.2 Advantages and disadvantages

- Isolated impact in case of connectivity problems
- Because of the low number of Message handover points (from the technical view), the risk of technical problems can be minimised
- Every carrier has its direct control over the delivery of the ECN
  
- ⚡ Every bilateral interface needs some special settings, which makes this solution not very scalable
- ⚡ A complete control of the data exchange from shipping to destination is hardly possible
- ⚡ The setup process is expensive, because of the individual, bilateral data exchange and because there won't be standards

## 1.5 Scenario 2 – Central Message Broker

### 1.5.1 Example 1: All communications are made via Central Message Broker easiest case

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

#### 1.5.1.1 Assumptions

- Contractual carrier is the first carrier
- No substitute or subcontractors are involved
- All participating carriers are able to exchange the ECN by using the message broker.

### 2.5.2.1 Dataflow process

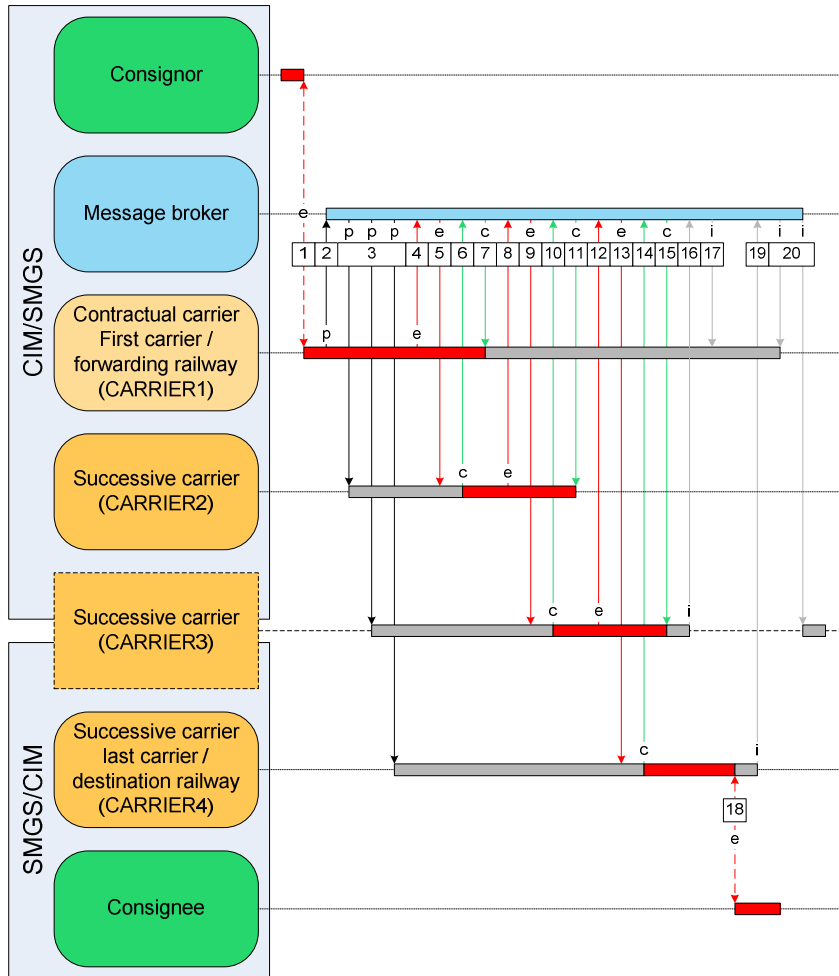


Diagram 3



### 2.5.1.3 Description

01. The transport contract is being established between the consignor and the contractual carrier. The contractual carrier takes over the responsibility.
02. The contractual carrier sends the 'prior notification' to the message broker.
03. The message broker forwards the 'prior notification' to all participating carriers, which are written in the routing section of the ECN.
04. The contractual carrier sends the final ECN version to the message broker for handover.
05. The message broker sends the ECN to the next carrier in the transport chain.
06. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
07. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
08. The responsible carrier sends the final ECN version to the message broker for handover.
09. The message broker sends the ECN to the next carrier in the transport chain.
10. The receiving successive carrier accepts the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
11. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
12. The responsible carrier sends the final ECN version to the message broker for handover.
13. The message broker sends the ECN to the destination railway in the transport chain.
14. The receiving last carrier/destination railway accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
15. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
16. The "Advice of Delivery at reconsignment point" message is only sent to the message broker, if this sending has been agreed upon with the contractual carrier.
17. The message broker forwards the message to the contractual carrier.
18. The last carrier/destination railway hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
19. The "Advice of Delivery" message is only sent, if this sending has been agreed with the contractual carrier and/or with the carrier at the reconsignment point.
20. The message broker forwards the "Advice of Delivery" to the contractual/reconsignment carrier.

## 1.5.2 Example 2: All communications are made via Central Message Broker

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

### 1.5.2.1 Assumptions

- Contractual carrier is the first carrier
- Substitute carrier was entered into the ECN routing and receives the full ECN
- Due to the existence of a subcontractor in the transport only the direction CIM  $\Rightarrow$  SMGS is possible.

### 1.5.2.2 Dataflow process

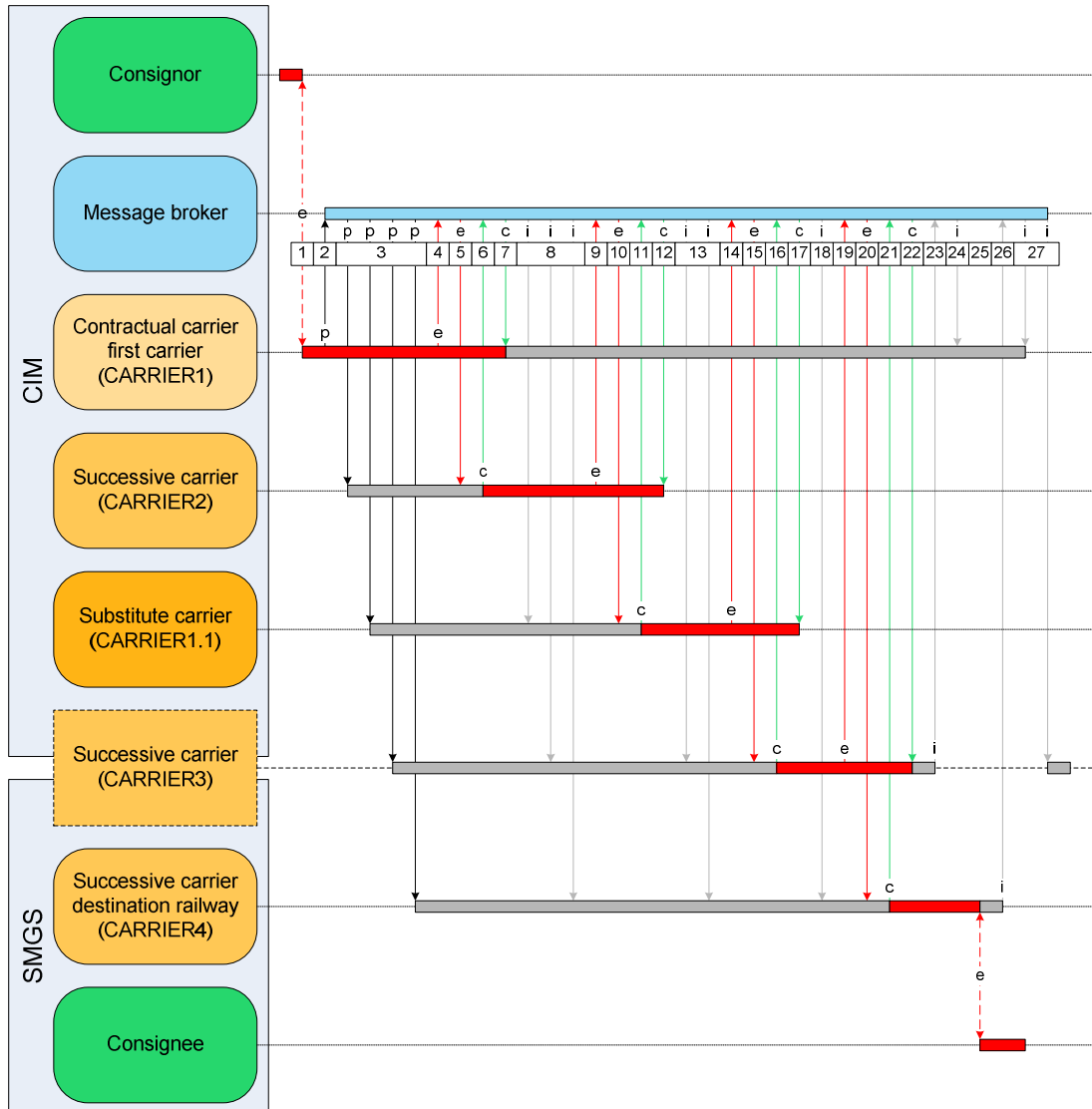


Diagram 4

### 1.5.2.3 Description

01. The transport contract is being established between the consignor and the contractual carrier. The contractual carrier takes over the responsibility.
02. The contractual carrier sends the 'prior notification' to the message broker.
03. The message broker forwards the 'prior notification' to all participating carriers, which are written in the routing section of the ECN.
04. The contractual carrier sends the final ECN version to the message broker for handover.
05. The message broker sends the ECN to the next carrier in the transport chain.
06. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
07. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
08. The message broker sends an informational message to all further participating carriers.
09. The responsible carrier sends the final ECN version to the message broker for handover.
10. The message broker sends the ECN to the next carrier in the transport chain. In this case to the substitute carrier.
11. The receiving substitute carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
12. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
13. The message broker sends an informational message to all further participating carriers.
14. Because there were no restrictions defined by the (ordering) contractual carrier, the substitute carrier is in possession of the full ECN data set. The final ECN version is being sent to the message broker for handover.
15. The message broker sends the ECN to the next carrier in the transport chain.
16. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
17. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
18. The message broker sends an informational message to the last participating carrier.
19. The responsible carrier sends the final ECN version to the message broker for handover.
20. The message broker sends the ECN to the destination railway in the transport chain.
21. The receiving destination railway accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.

22. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
23. The "Advice of Delivery at reconsignment point" message is only sent to the message broker, if this sending has been agreed upon with the contractual carrier.
24. The message broker forwards the message to the contractual carrier.
25. The destination railway hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
26. The "Advice of Delivery" message is only sent, if this sending has been agreed upon with the contractual carrier and/or with the carrier at the reconsignment point.
27. The message broker forwards the "Advice of Delivery" to the contractual/reconsignment carrier.

### **1.5.3 Example 3: Contractual carrier is not the first carrier**

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

#### **1.5.3.1 Assumptions**

- Contractual carrier IS NOT the first carrier
- Because the first carrier is not the contractual carrier, only transports CIM ⇒ SMGS are possible.

### 1.5.3.2 Dataflow process

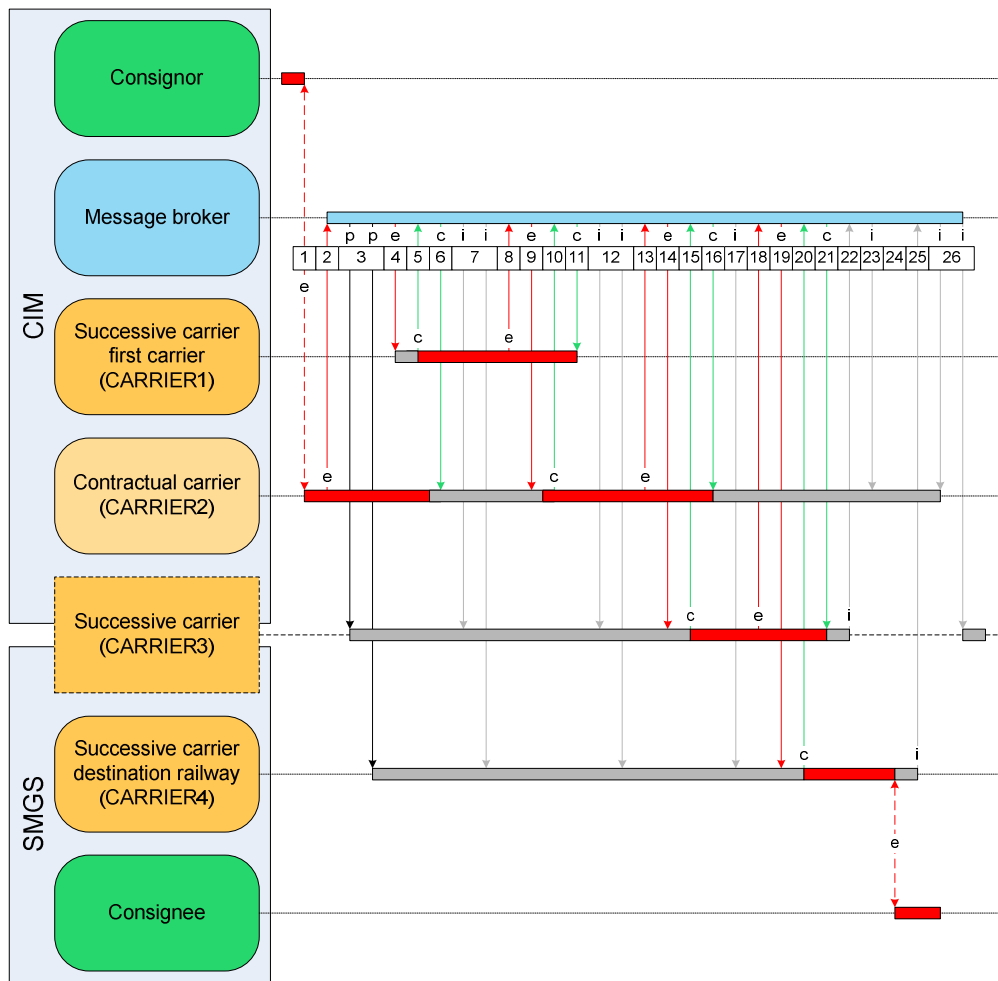


Diagram 5

### 1.5.3.3 Description

01. The transport contract is being established between the consignor and the contractual carrier. The contractual carrier takes over the responsibility, but not the physical transport.
02. The contractual carrier sends the ECN to the message broker.
03. The message broker creates a 'prior notification' out of the received ECN and forwards it to all participating carriers, which are written in the routing section of the ECN
04. The message broker sends the ECN to the first carrier.
05. The first carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.

06. The message broker forwards the confirmation message to the contractual carrier, which is no longer responsible.
07. The message broker sends an informational message to all other participating partners to inform them of the transport.
08. The first carrier sends the final ECN version to the message broker for handover.
09. The message broker sends the ECN to the next carrier in the transport chain (in this example to the contractual carrier).
10. The contractual carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
11. The message broker forwards the confirmation message to the first carrier, which is no longer responsible.
12. The message broker sends an informational message to all further participating carriers.
13. The contractual carrier sends the final ECN version to the message broker for handover.
14. The message broker sends the ECN to the next carrier in the transport chain.
15. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
16. The message broker forwards the confirmation message to the contractual carrier, which is no longer responsible.
17. The message broker sends an informational message to the destination railway.
18. The responsible carrier sends the final ECN version to the message broker for handover.
19. The message broker sends the ECN to the destination railway.
20. The destination railway accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
21. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
22. The "Advice of Delivery at reconsignment point" message is only sent to the message broker, if this sending has been agreed upon with the contractual carrier.
23. The message broker forwards the message to the contractual carrier.
24. The destination railway hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
25. The "Advice of Delivery" message is only sent, if this sending has been agreed with the contractual carrier and/or with the carrier at the reconsignment point.
26. The message broker forwards the "Advice of Delivery" to the contractual/reconsignment carrier.

### 1.5.4 Example 4: The contractual carrier is not physically involved in the transport

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

#### 1.5.4.1 Assumptions

- Contractual carrier is not involved in the transport as carrier.
- Consignor is able to transmit the ECN to the contractual carrier before the transport begins.
- Because the first carrier is not the contractual carrier, only transports CIM  $\Rightarrow$  SMGS are possible.

#### 1.5.4.2 Dataflow process

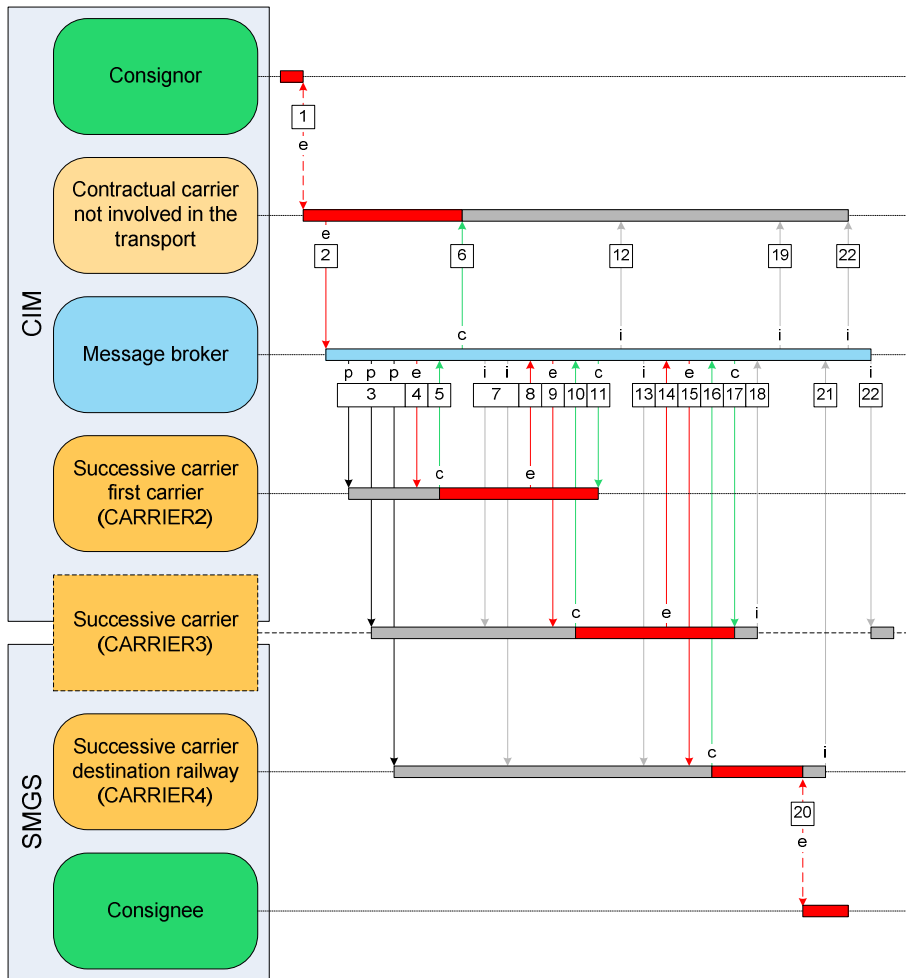


Diagram 6

#### 1.5.4.3 Description

01. The transport contract is being established between the consignor and the contractual carrier. The contractual carrier takes over the responsibility, but not the physical transport.
02. The contractual carrier sends the ECN to the message broker.
03. The message broker creates a 'prior notification' out of the received ECN and forwards it to all participating carriers, which are written in the routing section of the ECN.
04. The message broker sends the ECN to the first carrier.
05. The first carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
06. The message broker forwards the confirmation message to the contractual carrier, which is no longer responsible.
07. The message broker sends an informational message to all other participating partners to inform them of the transport.
08. The first carrier sends the final ECN version to the message broker for handover.
09. The message broker sends the ECN to the next carrier in the transport chain.
10. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
11. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
12. The message broker sends an informational message to the contractual carrier.
13. The message broker sends an informational message to all further participating carriers. In this example only the destination railway is left.
14. The responsible carrier sends the final ECN version to the message broker for handover.
15. The message broker sends the ECN to the destination railway.
16. The destination railway accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
17. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
18. The "Advice of Delivery at reconsignment point" message is only sent to the message broker, if this sending has been agreed upon with the contractual carrier.
19. The message broker forwards the message to the contractual carrier.
20. The destination railway hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
21. The "Advice of Delivery" message is only sent, if this sending has been agreed with the contractual carrier and/or with the carrier at the reconsignment point.
22. The message broker forwards the "Advice of Delivery" to the contractual/reconsignment carrier.



### 1.5.5 Example 5: Contractual carrier authorises the first carrier to take over the transport from the consignor

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

#### 1.5.5.1 Assumptions

- Contractual carrier IS NOT the first carrier
- The consignor is not able to send the ECN to the contractual carrier.
- The contractual carrier authorises the first carrier to take over the transport from the consignor in his name.
- Because the first carrier is not the contractual carrier, only transports CIM  $\Rightarrow$  SMGS are possible.

#### 1.5.5.2 Dataflow process

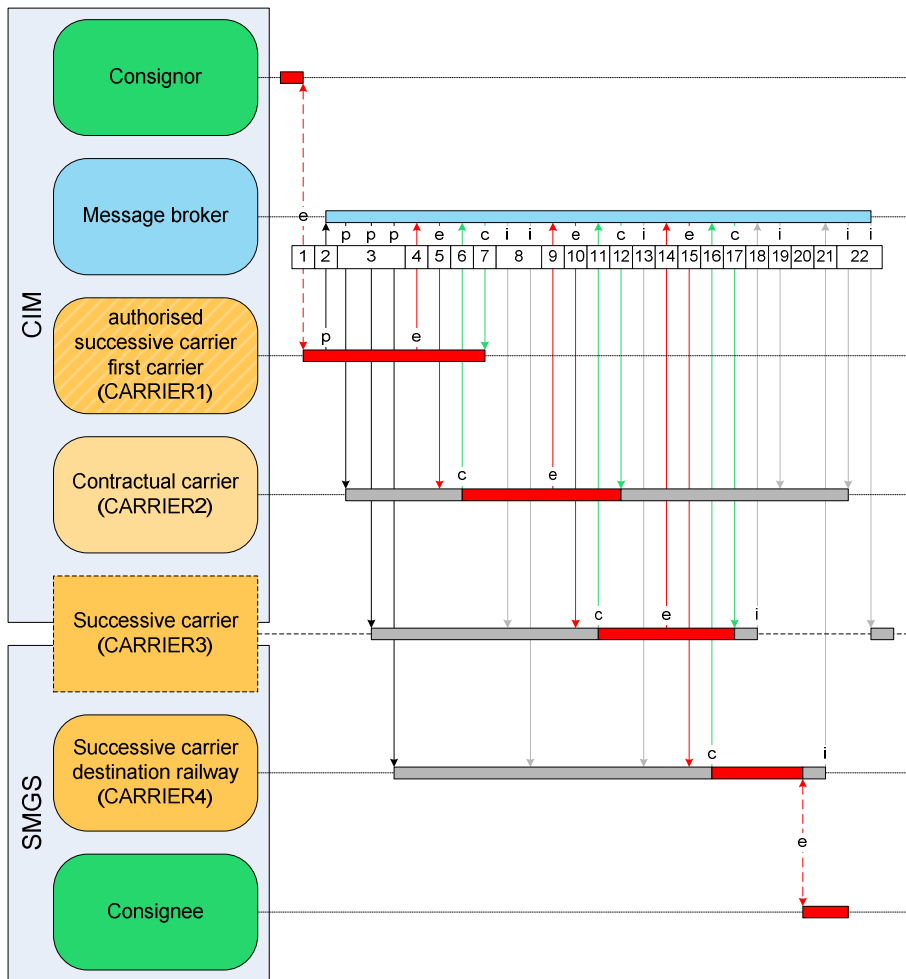


Diagram 7

### 1.5.5.3 Description

01. The transport contract is being established between the consignor and the authorised first carrier. The first carrier takes over the responsibility.
02. The first carrier sends the 'prior notification' to the message broker.
03. The message broker forwards the 'prior notification' to all participating carriers, which are written in the routing section of the ECN.
04. The first carrier sends the final ECN version to the message broker for handover.
05. The message broker sends the ECN to the next carrier in the transport chain.
06. The contractual carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
07. The message broker forwards the confirmation message to the first carrier, which is no longer responsible.
08. The message broker sends an informational message to all further participating carriers.
09. The contractual carrier sends the final ECN version to the message broker for handover.
10. The message broker sends the ECN to the next carrier in the transport chain.
11. The receiving carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
12. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
13. The message broker sends an informational message to all further participating carriers. In this case only the destination railway is left.
14. The responsible carrier sends the final ECN version to the message broker for handover.
15. The message broker sends the ECN to the next carrier in the transport chain.
16. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
17. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
18. The "Advice of Delivery at reconsignment point" message is only sent to the message broker, if this sending has been agreed upon with the contractual carrier.
19. The message broker forwards the message to the contractual carrier.
20. The destination railway hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
21. The "Advice of Delivery" message is only sent, if this sending has been agreed with the contractual carrier and/or with the carrier at the reconsignment point.
22. The message broker forwards the "Advice of Delivery" to the contractual/reconsignment carrier.

### 1.5.6 Example 6: Contractual carrier is not able to use the message broker

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

#### 1.5.6.1 Assumptions

- Contractual carrier / forwarding railway is able to transmit the ECN, but is not able to use the message broker
- CARRIER2 is able to communicate with the contractual carrier due to bilateral contracts
- CARRIER2 is the first carrier, who is able to use the message broker

#### 1.5.6.2 Dataflow process

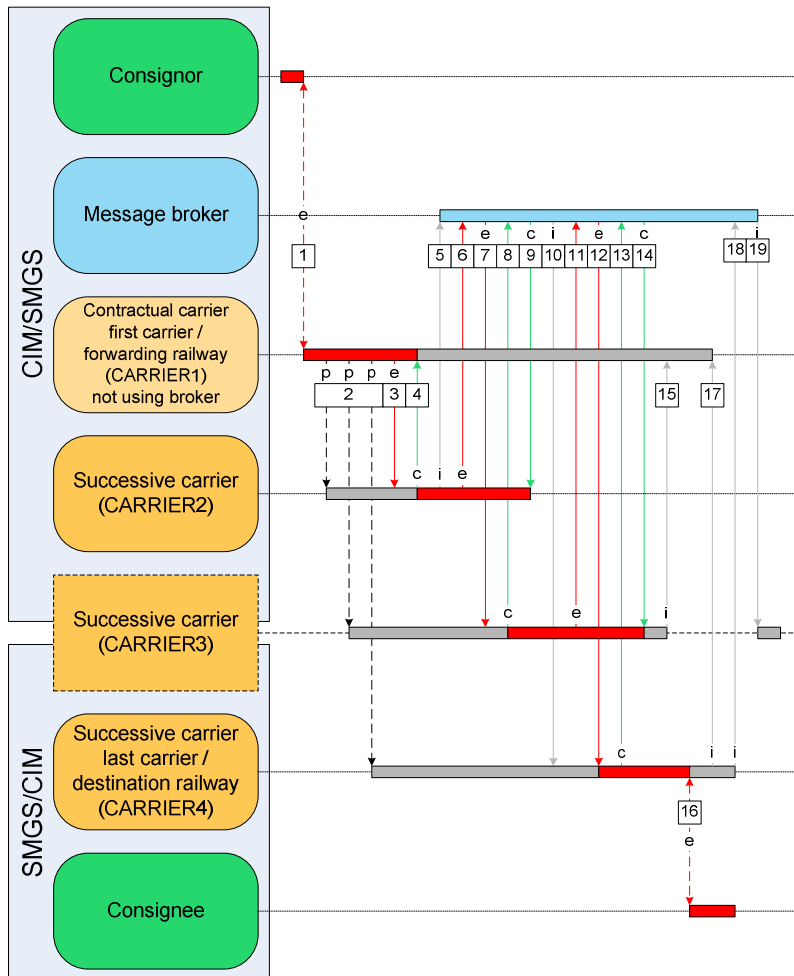


Diagram 8

### 1.5.6.3 Description

01. The transport contract is being established between consignor and contractual carrier. The contractual carrier takes over the responsibility.
02. The contractual carrier sends the 'prior notification' to all participating carriers, which are written in the routing section of the ECN.
03. The contractual carrier forwards the ECN during handover of the physical transport to the next successive carrier. Based on bilateral agreements.
04. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the contractual carrier and becomes responsible.
05. The successive carrier sends an informational message to the message broker.
06. The successive carrier sends the final ECN version to the message broker for handover.
07. The message broker sends the ECN to the next carrier in the transport chain.
08. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
09. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
10. The message broker sends an informational message to all further participating carriers. In this example only the last carrier / destination railway is left.
11. The responsible carrier sends the final ECN version to the message broker for handover.
12. The message broker sends the ECN to the last carrier / destination railway.
13. The last carrier / destination railway accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
14. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
15. The "Advice of Delivery at reconsignment point" message is only sent to the contractual carrier, if this sending has been agreed upon with the contractual carrier.
16. The last carrier / destination railway hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
17. The "Advice of Delivery" message is only sent to the contractual carrier, if this sending has been agreed upon with the contractual carrier.
18. The "Advice of Delivery" message is only sent, if this sending has been agreed with the carrier at the reconsignment point.
19. The message broker forwards the "Advice of Delivery" to the carrier at the reconsignment point.

### 1.5.7 Example 7: Successive carrier is not able to use the message broker

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

#### 1.5.7.1 Assumptions

- One successive carrier is able to send/receive the ECN, but is not able to use the message broker
- CARRIER2 and CARRIER4 are able to use the message broker

#### 1.5.7.2 Dataflow process

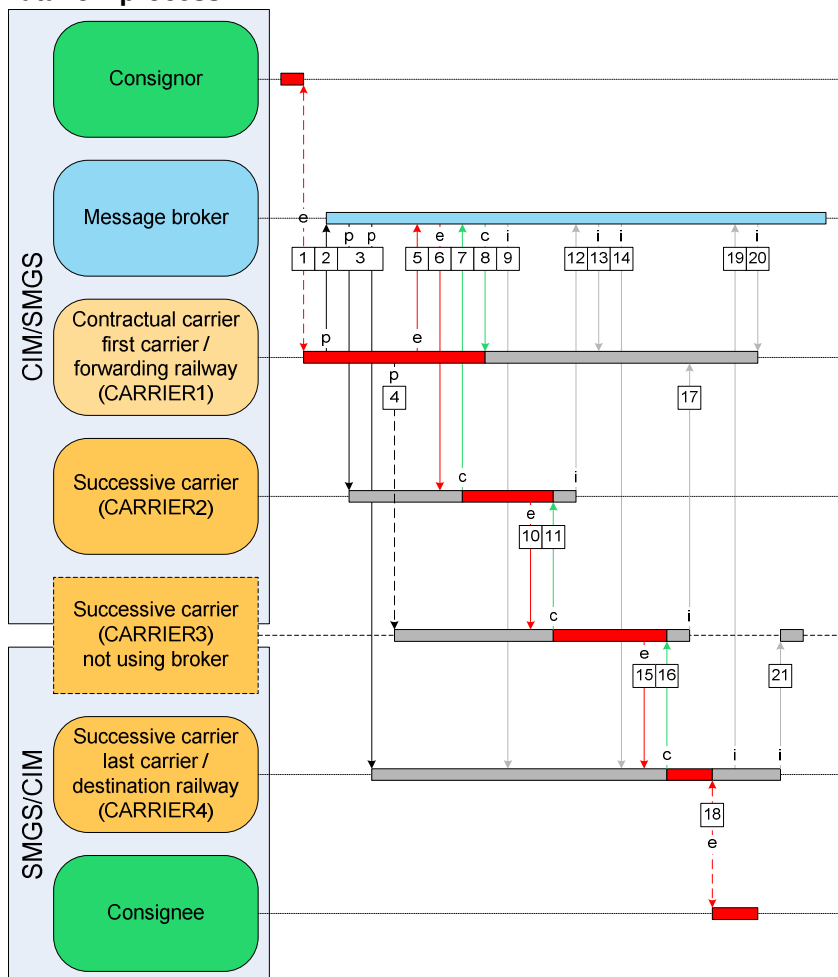


Diagram 9

### 1.5.7.3 Description

01. The transport contract is being established between the consignor and the contractual carrier. The contractual carrier takes over the responsibility.
02. The contractual carrier sends the 'prior notification' to the message broker.
03. The message broker forwards the 'prior notification' to all participating carriers, which are written in the routing section of the ECN, which are connected to the message broker, to inform them of the transport.
04. The contractual carrier sends the 'prior notification' to all participating carriers, which are written in the routing section of the ECN and not connected to the message broker by using bilateral interfaces.
05. The contractual carrier sends the final ECN version to the message broker for handover.
06. The message broker sends the ECN to the next carrier in the transport chain.
07. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
08. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
09. The message broker sends an informational message to all further participating carriers, which are connected to the message broker.
10. The successive carrier forwards the ECN during handover of the physical transport to the next carrier.
11. The next carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the previous carrier and becomes responsible.
12. The former responsible carrier sends an informational message to the message broker.
13. The message broker sends an informational message to the contractual carrier to inform him about the transport.
14. The message broker sends an informational message to all other participating partners, which are connected to the message broker, to inform them of the transport.
15. The successive carrier forwards the ECN during handover of the physical transport to the last carrier / destination railway.
16. The last carrier / destination railway accepts the correctness of the transfer of responsibility by sending a confirmation message to the previous carrier and becomes responsible.
17. The "Advice of Delivery at reconsignment point" message is only sent to the contractual carrier, if this sending has been agreed upon with the contractual carrier.
18. The last carrier / destination railway hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
19. The "Advice of Delivery" message is only sent, if this sending has been agreed with the contractual carrier.
20. The message broker forwards the "Advice of Delivery" to the contractual carrier.
21. The "Advice of Delivery" message is only sent, if this sending has been agreed upon with the carrier at the reconsignment point.

### 1.5.8 Example 8: Last carrier is substitute carrier

All informational messages (grey arrows) have been agreed in bilateral contracts between the carriers.

#### 1.5.8.1 Assumptions

- Last carrier is a subcontractor.
- Due to the existence of a subcontractor in the 2<sup>nd</sup> part of the transport only the direction SMGS ⇔ CIM is possible.

#### 1.5.8.2 Dataflow process

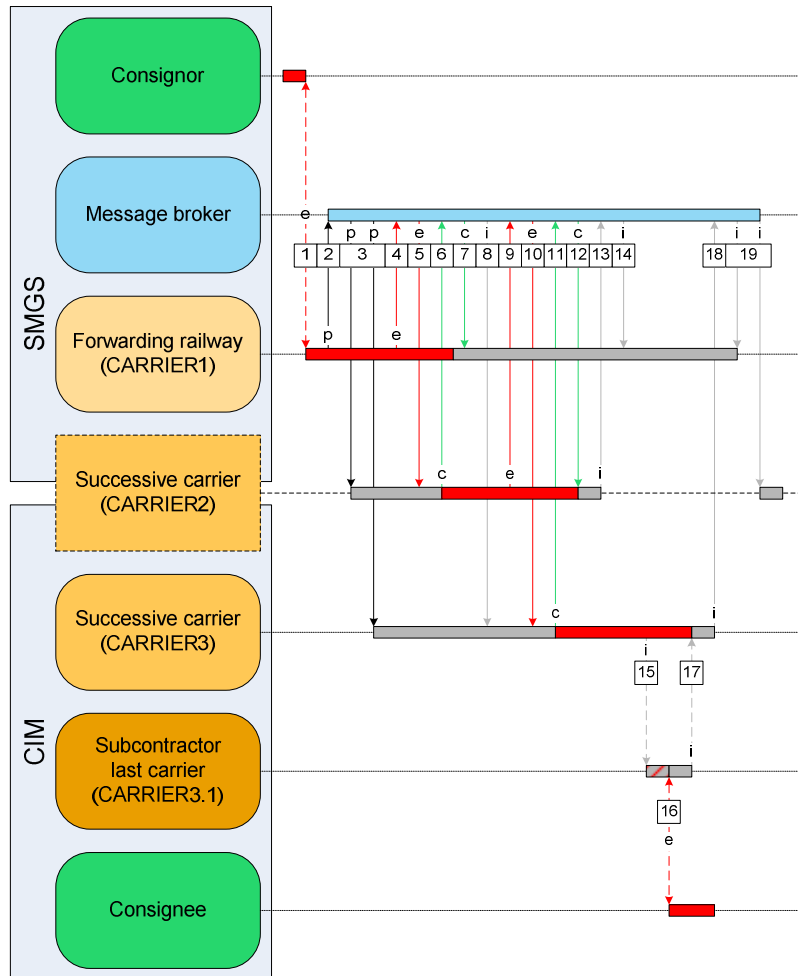


Diagram 10

### 1.5.8.3 Description

01. The transport contract is being established between the consignor and the contractual carrier. The contractual carrier takes over the responsibility.
02. The contractual carrier sends the 'prior notification' to the message broker.
03. The message broker forwards the 'prior notification' to all participating carriers, which are written in the routing section of the ECN.
04. The contractual carrier sends the final ECN version to the message broker for handover.
05. The message broker sends the ECN to the next carrier in the transport chain.
06. The receiving successive carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
07. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
08. The message broker sends an informational message to all further participating carriers.
09. The responsible carrier sends the final ECN version to the message broker for handover.
10. The message broker sends the ECN to the next carrier in the transport chain.
11. The receiving substitute carrier accepts the correctness of the transfer of responsibility by sending a confirmation message to the message broker and becomes responsible.
12. The message broker forwards the confirmation message to the previous carrier, which is no longer responsible.
13. The "Advice of Delivery at reconsignment point" message is only sent to the message broker, if this sending has been agreed upon with the contractual carrier.
14. The message broker forwards the message to the contractual carrier.
15. No access rights are to be granted to a subcontractor because he is not a party to the contract of carriage. Data access rights for the subcontractor are to be agreed individually between the ordering carrier and the subcontractor, depending on the operations which that the subcontractor is to carry out. From the view of ECN the successive carrier is still responsible.
16. The subcontracting last carrier hands over the transport to the consignee and therefore also the responsibility. At this point the transport is finished.
17. After finishing his part, the subcontractor has to send the current version of the ECN subset back to the successive carrier. The successive carrier has to merge the data from the substitute with his ECN data to an updated ECN.
18. The "Advice of Delivery" message is only sent, if this sending has been agreed with the contractual carrier and/or with the carrier at the reconsignment point.
19. The message broker forwards the "Advice of Delivery" to the contractual/reconsignment carrier.



## 1.6 Handover procedure of ECN and responsibility

The handover procedure is very important, due to the legal transfer of responsibility. It has to be secured that it is impossible to stay in an unpredictable state (e.g. nobody is responsible). Therefore a timeout has to be defined by all participating carriers, after which the transmission should fail.

### 1.6.1 Handover without errors

#### 1.6.1.1 Dataflow process

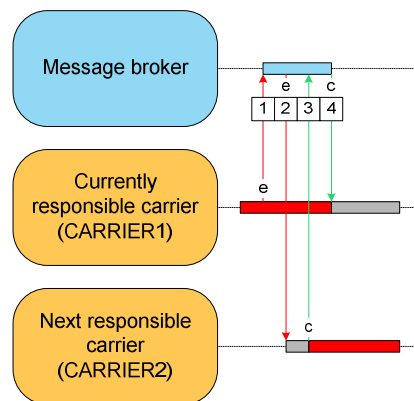


Diagram 11

#### 1.6.1.2 Description

01. CARRIER1 sends the ECN to the message broker and waits for an answer. At this time the content of the ECN is locked for CARRIER1 and CARRIER2.
02. The message broker forwards the ECN to CARRIER2
03. CARRIER2 confirms (accepts) the incoming ECN and sends a confirmation message back to the message broker. Now CARRIER2 is responsible and able to modify the ECN.
04. The message broker delivers the confirmation message to CARRIER1. At this time CARRIER1 is not responsible anymore. The handover was successful.

## 1.6.2 Handover with errors

Two types of errors can be distinguished:

- Technical errors, which are caused by malfunctioning connections and IT-Systems.
- Business errors, which are caused due to bad data quality and erroneous data.

### 1.6.2.1 Detection of technical errors during transmission

#### Example 1

##### Short description of erroneous action

An error occurred during the transmission of the ECN data to the message broker (see Diagram 12).

##### Parties involved

- CARRIER1

##### Error detection

- CARRIER1
  1. communication error during transmission
  2. running into timeout.

##### Dataflow process

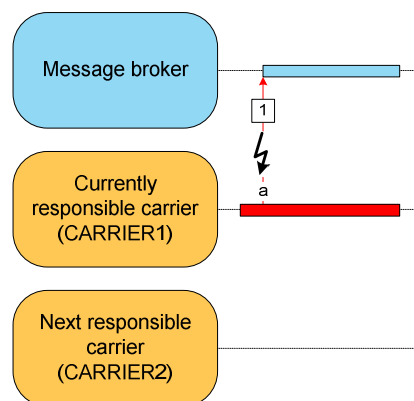


Diagram 12

## Example 2

### Short description of erroneous action

An error occurred while message broker tries to forward the ECN data to the receiving carrier (CARRIER2). (See Diagram 13)

### Parties involved

- CARRIER1
- Message broker

### Error detection

- CARRIER1
  1. Notification from message broker
  2. Running into timeout.
- Message broker
  1. communication error during transmission
  2. Running into timeout.

### Dataflow process

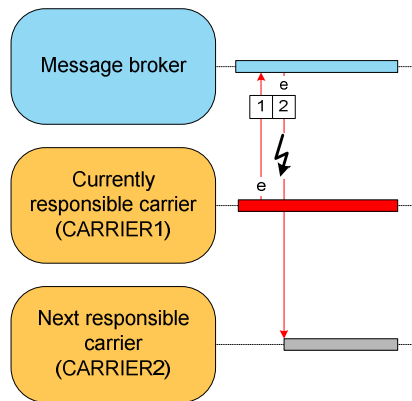


Diagram 13

### Example 3

#### Short description of erroneous action

An error occurred while CARRIER2 is sending the Handover-Request to the message broker, or during the processing of the Handover-Request at the message broker. (See Diagram 14)

#### Parties involved

- CARRIER1
- Message broker
- CARRIER2

#### Error detection

- CARRIER1
  1. Notification from Message broker
  2. Running into timeout.
- Message broker
  1. Running into timeout.
- CARRIER2
  1. Communication error during transmission
  2. Running into timeout.

#### Dataflow process

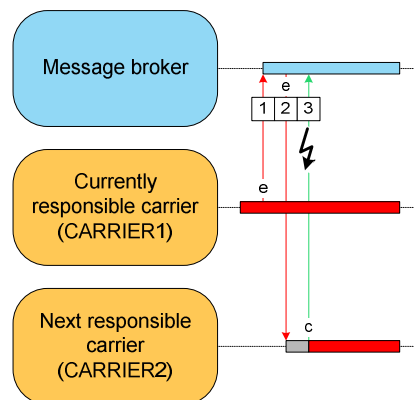


Diagram 14

#### Example 4

##### Short description of erroneous action

Error during transmission of forwarded Handover-Request from message broker to sending carrier (CARRIER1). (See Diagram 15)

Attention: At this point, both carriers are responsible for the transport. Therefore this period of time has to be as short as possible. The 1<sup>st</sup> carrier wants to handover the responsibility and the 2<sup>nd</sup> carrier is willing to accept. Only the confirmation about the acceptance is missing, yet.

##### Parties involved

- CARRIER1
- Message broker
- CARRIER2

##### Error detection

- CARRIER1
  1. Running into timeout.
- Message broker
  1. Communication error during transmission
  2. Running into timeout.
- CARRIER2
  1. Notification from Message broker
  2. Running into timeout.

##### Dataflow process

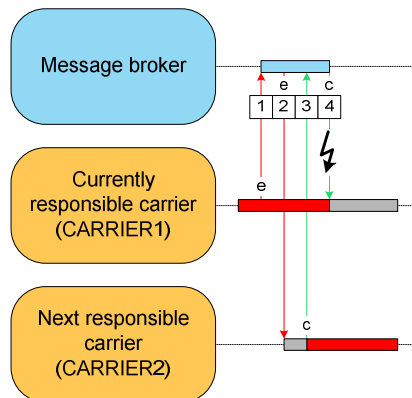


Diagram 15

##### 1.6.2.2 Detection of business errors

Business errors e.g. ECN not accepted from by CARRIER2 due to erroneous content sent from by CARRIER1

- The sending carrier (CARRIER1) must solve the problem. Resending or taking directly contacting with the receiving carrier is a possible solution.
- Backup procedure has to be started (e.g. printout ECN) on decision of the sending carrier (CARRIER1) (depending on general rules).

### 1.6.3 Advantages and disadvantages

- The complexity of defining the right rules for forwarding and extracting data, has to be done only once, at the Message Broker.
- New participants are easier connected, therefore the solution is scalable
- The deliverance of the messages is completely under control and can be monitored (e.g. from by the contractual carrier) at any time during the transport.
- Easier to support the new rules of UIC leaflet 304.
  
- ⚡ Technical Problems at the Central Message Broker will have a fatal impact to the production because of the dependency to one platform.
- ⚡ The Central Message Broker can only do the technical verification and transaction.

## 1.7 Proposal

Together with the introduction of the Electronical Consignment Note we need also to fulfil the high demand on **confidentiality, availability, integrity and traceability of handling**, because the paper will be replaced with an electronical document.

If we put the focal point on the topic of availability, the bilateral data exchange should be preferred because of the splitting of communication (carrier to carrier).

This favour becomes understated, when we enlarge the focal point on “integrity” and “traceability of handling”, because of the complexity and amount of exchanged ECN version (see e.g. dataflow case 2) which will be insufficiently supported with the bilateral solution.

Another point which supports the data exchange via a Central Message Broker is the scalability of the solution. It will be easier for new members to join the ECN group, because there is no need to implement the whole message flow logic due to existing routing sequences at the Central Message Broker.

Last but not least, have we with the staff of the Raildata Service Centre is a very skilled team, with a deep knowledge about on running data exchange between several different carriers over one Central Data System and we should use this source.

Among the consideration of the mentioned points we **recommend** the usage of a **Central Message Broker** for the ECN data exchange.

## 2. Documentation of IFTMIN Electronic Message

The composition of 97A IFTMIN electronic message with clarification for each segment is displayed in below Table, which shows connection between data components from IFTMIN segments and data elements from consignments note/data catalogue.

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Number	Name of CN fields/Data catalogue element	
	Element	Element			
<b>UNB+UNOA:1+</b> <b>GVCMPS::HOST+</b> <b>111111111111::HOST+</b> <b>031023:0951+</b> <b>123456789++</b> <b>IFTMIN001++++</b> <b>1'</b>				<b>Symbols and the version of standard, which are used</b> <b>Consignor code (GVCMPS::HOST)</b> <b>Consignee code (111111111111::HOST)</b> <b>Date and time of electronic message compilation (031023:0951)</b> <b>Unique attribute identifying transmission batch(123456789)</b> <b>Application attribute (IFTMIN001)</b> <b>Test identifier (1)</b>	With the value of "1" an electronic message is designed for a test. When no electronic test message is concerned, then no test identifier is used and no values are specified.

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>UNH+0062+S009/0065:0052:0054:0051:0057'</b>			<b>Message Header</b>		<b>Electronic message header</b>
	<b>0062</b>		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.		Unique number
	<b>S009</b>		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.		
		<b>0065</b>	Message type identifier Code identifying a type of message and assigned by its controlling agency.		= IFMIN Instruction message A code to identify the instruction message.
		<b>0052</b>	Message type version number Version number of a message type.		= D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).
		<b>0054</b>	Message type release number Release number within the current message type version number (0052).		= 97A Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>0051</b>	Controlling agencyCode identifying the agency controlling the specification, maintenance and publication of the message type.		= UN - N/ECE/TRADE/WP.4United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	
		<b>0057</b>	Association assigned code		= OSJD - Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. This data element identifies the association which agrees the actual MIG.	
<b>BGM+C002/1001+C106+1225</b>			<b>Beginning of Message</b>	<b>69</b>	<b>Consignment number</b>	
	<b>C002</b>		Identification of a type of document/message by code or name			message function 1=annulling – annulled consignment note; 4=alterations– corrected consignment note; 5=replacement–message that replaces the previous one; 9=original– the first copy; 35 = resending the earlier transmitted message.
		<b>1001</b>	Document/message identifier expressed in code.		<b>=720 - Rail consignment note</b>	
	<b>C106</b>		Identification of a document/message by its number and eventually its version or revision		<b>Carrier code + Consignment number</b>	
	<b>1225</b>		Code indicating the function of the message.		<b>Message function, coded</b>	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>28 68 70 71</b>	<b>Place and date completed Made available Acknowledgement of receipt Date stamp of the forwarding station/:</b>
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		<b>Event date</b>
		<b>2005</b>	Code giving specific meaning to a date, time or period		<b>143 - Date (time) of received of goods for carriage, mandatory (28,70) 310 - Date (time) of delivery of goods to the consignee (68)</b>
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		<b>date (year, month, day, time)</b>
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		<b>203 - Calendar date including time with minutes</b>
<b>TSR++C223/7273 ::: 7273+C537/4219</b>			<b>Transport Service Requirements</b>	<b>21 22 25</b>	<b>Exceptional consignment RID or SMGS Appendix2 Type of consignment</b>
	<b>C233</b>		To identify a service (which may constitute an additional component to a basic contract).		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>7273</b>	Identification of a service requirement (which may constitute an additional component to a basic contract)		Code	Service requirement, coded 1=loading is made by railway; 4= loading is made by consignor.
		<b>7273</b>	Identification of a service requirement (which may constitute an additional component to a basic contract)		Code	Transport priority, coded 2=wagonload, 3=small consignments, 4=container transportation (also indicated in the EQA segment) 5=exceptional consignment
	<b>C537</b>		To indicate the priority of requested transport service.			
		<b>4219</b>	Coded priority of requested transport service.		Code	transportation speed ( <b>mandatory</b> ) <b>1=high speed;</b> <b>3=low speed.</b>
<b>CUX+C504/6347:6345+C504/6347:6345'</b>			<b>Currencies</b>	<b>92</b> <b>93</b>	<b>Amount in</b>	
	<b>C504</b>		<b>CURRENCY DETAILS</b>		the currency, in which the consignee is levied charge for transit	
		<b>6347</b>	Currency details qualifier	92	= 1 - Code of the usage the currency	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction.	92	To be used three sign currency code ISO 4217	
	<b>C504</b>		<b>CURRENCY DETAILS</b>		the currency, in which the consignee is levied charge	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		6347	Currency details qualifier	93	= 3 - Code of the usage the currency
		6345	Identification of the name or symbol of the monetary unit involved in the transaction.	93	To be used three sign currency code ISO 4217
CUX+C504/6347:6345+C504/6347:6345'			<b>Currencies</b>	<b>90 91</b>	<b>Amount in</b>
	C504		<b>CURRENCY DETAILS</b>		the currency, in which the consignor is levied charge for transit
		6347	Currency details qualifier	90	= 1 - Code of the usage the currency
		6345	Identification of the name or symbol of the monetary unit involved in the transaction.	90	To be used three sign currency code ISO 4217
	C504		<b>CURRENCY DETAILS</b>		the currency, in which the consignor is levied charge
		6347	Currency details qualifier	91	= 7 - Code of the usage the currency
		6345	Identification of the name or symbol of the monetary unit involved in the transaction.	91	To be used three sign currency code ISO 4217
MOA+C516/5025:5004:6345			<b>Monetary Amount</b>		<b>Invoice</b>
	C516		<b>MONETARY AMOUNT</b>		
		5025	<b>Monetary amount type qualifier</b>		= 77 - Invoice Mount

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>5004</b>	Number of monetary units.		Invoice total sum, mandatory
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		<b>Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Monetary Amount</b>	<b>27</b>	<b>Declared value of goods</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 151 - value of goods
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		<b>Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Monetary Amount</b>	<b>58</b>	<b>Charges</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 22 - Cash on delivery Mount
		<b>5004</b>	Number of monetary units.		Value

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6345</b>	. of the monetary unit involved in the transaction It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		<b>Currency, coded</b>	
<b>MOA+C516/5025:5004:6345</b>			<b>Monetary Amount</b>	<b>56</b>	<b>Supplements, fees, deductions</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 23 - Charge Mount/ Сумма сбораSelf explanatory.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		<b>Currency, coded</b>	
<b>MOA+C516/5025:5004:6345</b>			<b>Monetary Amount</b>	<b>88</b>	<b>Charges</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 50 - Disbursements	
		<b>5004</b>	Number of monetary units.		Value	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		<b>Currency, coded</b>	
<b>FTX+4451++C107/4441 '</b>			<b>Free Text</b>		<b>Status of conveyance</b>	
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= CHG - Change information	
	<b>C107</b>		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source. The composite C107 is used only to express additional information as the consignment position.			
		<b>4441</b>	Free text identification		113=subsequent delivery (goods are in the process of delivery)	
<b>FTX+4451+++C108/4440 '</b>			<b>Free Text</b>	<b>15</b>	<b>Remarks optional for Railway. (Instructions for consignee)</b>	
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= ICN - Information for consignee	
	<b>C108</b>		<b>Free text; one to five lines.</b>			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		TEXT	
<b>FTX+4451+4453+C108/4440 '</b>			<b>Free Text</b>	<b>7</b>	<b>Consignor special remarks</b>	
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= DCL - Declaration	
	<b>4453</b>		<b>TEXT FUNCTION, CODED</b> Code specifying how to handle the text.			
	<b>C108</b>		<b>Free text; one to five lines.</b>			
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		TEXT	



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
FTX+4451+4453+C107/4441+C108/4440 '			Free Text	13/6 60 50	Requested route (of movement) mandatory (13, 60, 50)	
	4451		TEXT SUBJECT QUALIFIER		= RQR - Requested routes/routing instructions [3074] Names of places via which the consignor requests a consignment to be routed.	
	4453		TEXT FUNCTION, CODED Code specifying how to handle the text.			
	C107		TEXT REFERENCE Coded reference to a standard text and its source.The composite C107 is used only to express additional information as the consignment position.			
		4441	Free text identification Free text in coded form.			
	C108		Free text; one to five lines.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		4440	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		TEXT	
FTX+4451+++C108/4440 '			Free Text	37	CIM/SMGS Consignment Note	
	4451		TEXT SUBJECT QUALIFIER		= ABX - Additional discharge instructions Special discharge instructions concerning the goods.	
	C108		Free text; one to five lines.			
		4440	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		CIM/SMGS consignment note (37)	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>FTX+4451+4453++C108/4440 ' </b>			<b>Free Text</b>	<b>64</b>	<b>Carrier remarks</b>	
	<b>4451</b>		TEXT SUBJECT QUALIFIER		= CUR - Customer remarks Remarks from or for a supplier of goods or services.	
	<b>4453</b>		TEXT FUNCTION, CODED Code specifying how to handle the text.			
	<b>C108</b>		Free text; one to five lines.			
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literaly those information in datas elements 4440 as free text.		TEXT	
<b>FTX+4451+4453++C108/4440 ' </b>			<b>Free Text</b>	<b>62</b>	<b>CIM formal report (62)</b>	
	<b>4451</b>		TEXT SUBJECT QUALIFIER		= DAR - Damage remarks	
	<b>4453</b>		TEXT FUNCTION, CODED Code specifying how to handle the text.			
	<b>C108</b>		Free text; one to five lines.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEXT	
<b>FTX+4451+++C108/4440 '</b>			<b>Free Text</b>	<b>114</b>	<b>SMGS formal report</b>	
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= DAR - Damage remarks	
	<b>C108</b>		<b>Free text; one to five lines.</b>			
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEXT	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
FTX+4451+4453+C107/4441+C108/4440 '			Free Text	63	CIM prolongation of delivery	
	4451		TEXT SUBJECT QUALIFIER		= ACB - Additional information	
	4453		TEXT FUNCTION, CODED Code specifying how to handle the text.			
	C107		TEXT REFERENCE Coded reference to a standard text and its source. The composite C107 is used only to express additional information as the consignment position.			
		4441	Free text identification Free text in coded form.			
	C108		Free text; one to five lines.			
		4440	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEXT	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>FTX+4451++C107/4441+C108/4440 ' </b>			<b>Free Text</b>	<b>115</b>	<b>SMGS prolongation of delivery</b>
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= ACB - Additional information
	<b>C107</b>		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source. The composite C107 is used only to express additional information as the consignment position.		
		<b>4441</b>	Free text identification		NN= code of reason for changing the delivery date
	<b>C108</b>		<b>Free text; one to five lines.</b>		
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEXT
<b>FTX+4451+++C108/4440 ' </b>			<b>Free Text</b>	<b>114</b>	<b>Railway remarks</b>
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= TRA - Transportation information

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C108</b>		<b>Free text; one to five lines.</b>		
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		TEXT
<b>FTX+4451+++C108/4440 '</b>			<b>Free Text</b>		<b>Remarks</b> For CIM/SMGS wagon and container note
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= ADU - Note
	<b>C108</b>		<b>Free text; one to five lines.</b>		
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		TEXT

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			

<b>DOC+C002/1001:::1000+ C503/1004:1373'</b>			<b>Document/Message Details</b>	<b>9</b>	<b>Documents attached by the consignor -</b>	
	<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b> Identification of a type of document/message by code or name. Code preferred.			
		<b>1001</b>	Document/message name, coded Document/message identifier expressed in code. As appendix can cover a wide scope, freedom is given to the user to take any code coming from the directory for this data element.		Code	
		<b>1000</b>	Document/message name Plain language identifier specifying the function of a document/message.		Additional information to the given code. (The number of the document and the DATE of the document)	
	<b>C503</b>		<b>DOCUMENT/MESSAGE DETAILS</b> Identification of document/message by number, status, source and/or language.			
		<b>1004</b>	Document/message number Reference number assigned to the document/message by the issuer.			



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		1373	Document/message status, codedTo identify the status of a document/message. 2 Accompanying goods Notice that a specific document will be accompanying the goods. This accompanying document is a paper document. 4 To arrive by separate EDI message Notice that a specific document/message will be transmitted via a separate EDI message. This document or message is an electronic data interchange document.			
LOC+3227+C517/3225:1131:3055:3224'			Place/Location Identification	67 116	Station and railway destination Border crossing station	
	3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location.		= 8 - destination station = 17 - border crossing point	
	C517		LOCATION IDENTIFICATION Identification of a location by code or name.			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>3225</b>	<b>Place/location identification Identification of the name of place/location, other than 3164 City name. At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.</b>		Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE).
		<b>1131</b>	<b>Code list qualifier Identification of a code list.</b>		= 37 - railway station attribute
		<b>3055</b>	<b>Code list responsible agency, coded Code identifying the agency responsible for a code list.</b>		= 12 - UIC (International union of railways)
		<b>3224</b>	<b>Place/location Name of place/location, other than 3164 City name. This data element may be used by those who are unfamiliar with codes in order to mention literally the name of the consignor station. This use must be minimized</b>		Station code (8 characters) is indicated station name.

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>116</b>	<b>Crossborder date/time</b>	Indicated are pairs of LOC и DTM segments for each crossed border station.
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 219 - Date (time) of crossing the border station	
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>117</b>	<b>Date (time) of notification of consignee on arrival of goods</b>	Indicated are pairs of LOC и DTM segments for destination station..
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 137 - Date (time) of of notification of consignee on arrival of goods	
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>67</b>	<b>Arrival date/time</b>	Indicated are pairs of LOC and DTM segments for SMGS destination station.
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 178 - Date (time) of arrival at destination station	
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	
<b>TOD+4055++C100/4053'</b>			<b>Terms of Delivery or Transport</b>		<b>Delivery conditions</b>	
	<b>4055</b>		TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED Indication whether the terms relate to e.g. price conditions, delivery conditions, transport conditions, or a combination of these.		= 6 - Delivery condition Specifies the conditions under which the goods must be delivered to the consignee.	
	<b>C100</b>		TERMS OF DELIVERY OR TRANSPORT Terms of delivery or transport code from a specified source.			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>4053</b>	Terms of delivery or transport, coded identification of the terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.		= SD - delivery at destination station; = HD - delivery at place (at door).
<b>RFF+C506/1153:1154:1156:4000'</b>			<b>Reference</b>	<b>14</b> <b>54</b>	<b>Number of customer agreement or tariff</b> <b>Customer agreement or tariff applied</b>
	<b>C506</b>		REFERENCE Identification of a reference.		
		<b>1153</b>	Reference qualifier Code giving specific meaning to a reference segment or a reference number.		= CT - Contract number
		<b>1154</b>	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. The tariff or the reference number of the party considered is introduced at this level.		Importer contract number or tariff (14, 54)
		<b>1156</b>	Line number Number of the line in the document/message referenced in 1154 Reference number.		= 1 - Importer contract number, = 2 - tariff (14, 54)
		<b>4000</b>	Reference version number To uniquely identify a reference by its revision number.		Railway Undertaking

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>RFF+C506/1153:1154:4000'</b>			<b>Reference</b>	<b>8</b>	<b>Consignor's reference or contract no.</b>
	<b>C506</b>		REFERENCE Identification of a reference.		
		<b>1153</b>	Reference qualifier Code giving specific meaning to a reference segment or a reference number.		= AAO - Consignee's shipment reference number
		<b>1154</b>	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. The tariff or the reference number of the party considered is introduced at this level.		Consignor's reference or contract no.
		<b>4000</b>	Reference version number To uniquely identify a reference by its revision number.		Railway Undertaking
<b>RFF+C506/1153:1154'</b>			<b>Reference</b>	<b>67</b>	<b>Arrival number</b>
	<b>C506</b>		REFERENCE Identification of a reference.		
		<b>1153</b>	Reference qualifier Code giving specific meaning to a reference segment or a reference number.		= CN - Carrier's reference num. OR = LRN - Conveyance ref.num.

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>1154</b>	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. The tariff or the reference number of the party considered is introduced at this level.		Consignor's reference or contract no.
		<b>4000</b>	Reference version number To uniquely identify a reference by its revision number.		Railway Undertaking
<b>GOR+8323+C232/9415:::9415'</b>			<b>Governmental Requirements</b>		
	<b>8323</b>		TRANSPORT MOVEMENT, CODED Code indicating the movement of goods (e.g. import, export, transit).		= 1 Export
	<b>C232</b>		GOVERNMENT ACTION Code indicating a type of government action.		
		<b>9415</b>	Government agency, coded To indicate government agencies that are involved.		= 5 - Customs Customs authorities.
		<b>9353</b>	Government procedure, coded Code identifying the treatment applied by the government to goods which are subject to a control.		XXX'=If number is unnown

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
FTX+4451++C107/4441+C108/4440'			Free Text	26 66	Customs endorsements Contractual carrier
	4451		TEXT SUBJECT QUALIFIER		
	C107		TEXT REFERENCE Coded reference to a standard text and its source. The composite C107 is used only to express additional information as the consignment position.		= AAH - Note
		4441	Free text identification Free text in coded form.		Simplified customs procedure code for railway consignments
	C108		Free text; one to five lines.		
		4440	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEKCT=Customs marks



EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>TDT+8051++C220/8067'</b>			<b>Details of Transport</b>		<b>Данные о первой перевозке, вид транспорта, обязательный</b>
	<b>8051</b>		TRANSPORT STAGE QUALIFIER Qualifier giving a specific meaning to the transport details.		= 21 - Main carriage - first carrier The first carrier of the ordered transport when more than one carrier is involved.
	<b>C220</b>		MODE OF TRANSPORT Method of transport code or name. Code preferred.		
		<b>8067</b>	Mode of transport, coded Coded method of transport used for the carriage of the goods. The application of this code ensure the compatibility between transports modes.		= 2 - Rail transport mode This code comes from the recommendation UN/ECE number 19.
<b>LOC+3227+C517/3225:1131: 3055:3224'</b>			<b>Place/Location Identification</b>	<b>10</b> <b>11</b> <b>12</b> <b>13</b> <b>16</b> <b>17</b> <b>26</b> <b>29</b> <b>61</b> <b>69</b> <b>73</b>	<b>- Delivery point</b> <b>- Code for the delivery point</b> <b>- Station code</b> <b>- Commercial specification</b> <b>- Acceptance point</b> <b>- Code for the acceptance point</b> <b>- Customs endorsements</b> <b>- Reconsignment point</b> <b>- Customs procedures</b> <b>- Consignment number</b> <b>- Traffic</b>

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>3227</b>		PLACE/LOCATION QUALIFIER Code identifying the function of a location.		= 5 - consignment point = 8 - destination point = 17 - border crossing point = 43 - customs control station = 41- customs on import = 42 - exit customs control = 13 - service point
	<b>C517</b>		LOCATION IDENTIFICATION Identification of a location by code or name.		
		<b>3225</b>	Place/location identification Identification of the name of place/location, other than 3164 City name. At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.		
		<b>1131</b>	LOCATION IDENTIFICATION Identification of a location by code or name.		= 37 - railway station attribute

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>3055</b>	Code list responsible agency, coded Code identifying the agency responsible for a code list. 12 UIC (International union of railways) Western and Eastern European railways association (35 networks). UIC with its legal body (CIT) produce codes and regulations that are internationally recognized and accepted by all European railways and official bodies.		ZZZ = organization, which is responsible for administration of stations codes (With 3227 = 43 this part of the note is omitted)	
		<b>3224</b>	Place/location Name of place/location, other than 3164 City name. This data element may be used by those who are unfamiliar with codes in order to mention literally the name of the consignor station. This use must be minimized.			
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>30</b>	<b>Consignment date (time) point and time of Reconsignment</b>	Date as atRelated to a given context
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 183 - Date, as At	
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	
<b>NAD+3035+C082/3039:1131+C058/3124:3124+C080/3036+C059/3042+3164+3229+3251+3207'</b>	<b>Name and Address</b>			<b>1</b> <b>02</b> <b>03</b> <b>04</b> <b>05</b> <b>06</b>  <b>18</b> <b>40-47</b> <b>65</b> <b>66</b>	<b>- Consignor</b> <b>- Customer code for the consignor</b> <b>- Customer code for the payer of pre-paid charges</b> <b>- Consignee</b> <b>- Customer code for the consignee</b> <b>- Customer code for the payer of non-pre-paid charges</b>  <b>- Sectional invoicing</b> <b>- Coding box 1-8:</b> <b>- Other carriers</b> <b>- Contractual carrier</b>	Information on the consignee, mandatory (4,5) Information on the consignor, mandatory (1,2) Forwarding agent, mandatory (3)  Transit invoicing (18) Payer of unpaid carriage charges, F(6)  Carrier (65,66, )40-47

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	<b>3035</b>		PARTY QUALIFIER Code giving specific meaning to a party.		Descriptor of the party: CN= consignee CZ= consignor GS=consignor representative (forwarding agent) CTF= section payer CPD= payer of unpaid transport charges CA=contracting carrier, other	
	<b>C082</b>		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.			
		<b>3039</b>	Party id. identificationCode identifying a party involved in a transaction. At UIC level, we use for this data element a consignor/consignee client code such as defined in the UIC 920-10 leaflet. Other codes for representative references or for dispatch party can be taken from this leaflet too. This composite C082 is not used for the delivery party.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>1131</b>	Code list qualifier Identification of a code list.		= 100 - Enhanced party identification	
	<b>C058</b>		NAME AND ADDRESS Unstructured name and address: one to five lines.			
		<b>3124</b>	Name and address line Free form name and address description.		Carrier status: 1=subsequent 2=factual 3=contracting 4=train number (CIM)	
		<b>3124</b>	Name and address line Free form name and address description.			
	<b>C080</b>		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.			
		<b>3036</b>	Party name Name of a party involved in a transaction.			
	<b>C059</b>		STREET Street address and/or PO Box number in a structured address: one to three lines. The four occurrences of DE3042 allow us to add any other post- information not belonging to a specific data element. This composite is not required but optional for the delivery party.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>3042</b>	Street and number/p.o. box Street and number in plain language, or Post Office Box No.			
	<b>3164</b>		CITY NAME Name of a city (a town, a village) for addressing purposes. This composite is not required but optional for the delivery party and representative references.			
	<b>3229</b>		COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
	<b>3251</b>		POSTCODE IDENTIFICATION Code defining postal zones or addresses.			
	<b>3207</b>		COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166.			
<b>LOC+3227+C517/3225:1131: 3055:3224'</b>			<b>Place/Location Identification</b>	<b>119</b>	<b>Weighing station</b>	
	<b>3227</b>		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location.		= 90 - Place/location where special treatments have happened or must happen/	
	<b>C517</b>		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>3225</b>	<b>Place/location identification</b> <b>Identification of the name of place/location, other than 3164 City name.</b> <b>At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.</b>		Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE).	
		<b>1131</b>	<b>Code list qualifier</b> <b>Identification of a code list.</b>		= 37 - railway station attribute	
		<b>3055</b>	<b>Code list responsible agency, coded</b> <b>Code identifying the agency responsible for a code list.</b>		= 12 - UIC (International union of railways)	
		<b>3224</b>	<b>Place/location</b> <b>Name of place/location, other than 3164 City name.</b> <b>This data element may be used by those who are unfamiliar with codes in order to mention literally the name of the consignor station. This use must be minimized</b>		Station code (8 characters) is indicated station name.	



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>CTA+3139+:C056/3412</b>			<b>Contact Information</b>	<b>119</b>	<b>Stamp of the weighing station</b>	
	<b>3139</b>		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).		= BF - Service contact Department/person to be contacted in service matters.	
	<b>C056</b>		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.			
		<b>3412</b>	Department or employee C an.35 R The department or person within an organizational entity. In this data element, UIC mention the name of the contacted person.		<b>Weigher's signature</b>	
<b>CTA+3139+:C056/3412</b>			<b>Contact Information</b>	<b>66</b>	<b>- Contractual carrier</b>	
	<b>3139</b>		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).		= CA - Carrier (3126) Party undertaking or arranging transport of goods between named points.	
	<b>C056</b>		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>3412</b>	Department or employee C an.35 R The department or person within an organizational entity. In this data element, UIC mention the name of the contacted person.		<b>contracting carrier's signature</b>	
<b>CTA+3139+:C056/3412</b>			<b>Contact Information</b>	<b>71</b> <b>118</b>	<b>Acknowledgement of receipt</b> <b>Delivery of the goods to the consignee</b>	
	<b>3139</b>		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).		= CN - Consignee (3132) Party to which goods are consigned.	
	<b>C056</b>		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.			
		<b>3412</b>	Department or employee C an.35 R The department or person within an organizational entity. In this data element, UIC mention the name of the contacted person.		<b>Consignee's signature</b>	
<b>CTA+3139+:C056/3412</b>			<b>Contact Information</b>	<b>107</b> <b>109</b>	<b>Total</b> <b>Total amount to be raised from the consignee (in words)</b>	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	<b>3139</b>		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).		= CC - Responsible person for information production	
	<b>C056</b>		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.			
		<b>3412</b>	Department or employee C an.35 R The department or person within an organizational entity. In this data element, UIC mention the name of the contacted person.		<b>Railway staff member's signature</b>	
<b>CTA+3139+:C056/3412</b>			<b>Contact Information</b>	<b>1</b>	<b>Consignor</b>	
	<b>3139</b>		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).		= EB - Entered by	
	<b>C056</b>		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.			
		<b>3412</b>	Department or employee C an.35 R The department or person within an organizational entity. In this data element, UIC mention the name of the contacted person.		<b>Consignor's signature</b>	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>CTA+3139+:C056/3412</b>			<b>Contact Information</b>	<b>1</b>	<b>Consignor</b>
	<b>3139</b>		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).		= IC - Information contact
<b>COM+C076/3148:3155</b>			<b>Communication Contact</b>	<b>1 04</b>	<b>Consignor Consignee</b>
	<b>C076</b>		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.		
		<b>3148</b>	Communication number The communication number. Communication numbers must be transmitted without any spaces and without any hyphens or dashes. Fax and telefon numbers must include their international dialling code.		telephone/fax number, email address
		<b>3155</b>	Communication channel qualifierCode identifying the type of communication channel being used.		= TE - telephone = FX - fax = EM - email address @ = (a)
<b>DOC+C002/1001:::1000+ C503/1004:1373'</b>			<b>Document/Message Details</b>		
	<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b> Identification of a type of document/message by code or name. Code preferred.		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		1001	Document/message name, coded Document/message identifier expressed in code. As appendix can cover a wide scope, freedom is given to the user to take any code coming from the directory for this data element.		Code	
		1000	Document/message name Plain language identifier specifying the function of a document/message.		Additional information to the given code. (The number of the document and the DATE of the document)	
	C503		DOCUMENT/MESSAGE DETAILS Identification of document/message by number, status, source and/or language.			
		1004	Document/message number Reference number assigned to the document/message by the issuer.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>1373</b>	Document/message status, codedTo identify the status of a document/message. <b>2 Accompanying goods Notice that a specific document will be accompanying the goods. This accompanying document is a paper document.</b> <b>4 To arrive by separate EDI message Notice that a specific document/message will be transmitted via a separate EDI message. This document or message is an electronic data interchange document.</b>			
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>117</b>	<b>Date (time) of notification of consignee on arrival of goods</b>	Indicated are pairs of LOC и DTM segments for destination station..
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 137 - Date (time) of of notification of consignee on arrival of goods	
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	
<b>DOC+C002/1001:::1000+ C503/1004:1373'</b>			<b>Document/Message Details</b>			
	<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b> Identification of a type of document/message by code or name. Code preferred.			
		<b>1001</b>	Document/message name, coded Document/message identifier expressed in code. As appendix can cover a wide scope, freedom is given to the user to take any code coming from the directory for this data element.		Code	
		<b>1000</b>	Document/message name Plain language identifier specifying the function of a document/message.		Additional information to the given code. (The number of the document and the DATE of the document)	
	<b>C503</b>		<b>DOCUMENT/MESSAGE DETAILS</b> Identification of document/message by number, status, source and/or language.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>1004</b>	<b>Document/message number Reference number assigned to the document/message by the issuer.</b>			
		<b>1373</b>	Document/message status, codedTo identify the status of a document/message. 2 Accompanying goods Notice that a specific document will be accompanying the goods. This accompanying document is a paper document. 4 To arrive by separate EDI message Notice that a specific document/message will be transmitted via a separate EDI message. This document or message is an electronic data interchange document.			
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>118</b>	<b>Delivery of the goods to the consignee</b>	
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 310 - Received date/time Date/time of receipt	
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	
<b>DOC+C002/1001:::1000+ C503/1004:1373'</b>			<b>Document/Message Details</b>			
	<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b> Identification of a type of document/message by code or name. Code preferred.			
		<b>1001</b>	Document/message name, coded Document/message identifier expressed in code. As appendix can cover a wide scope, freedom is given to the user to take any code coming from the directory for this data element.		Code	
		<b>1000</b>	Document/message name Plain language identifier specifying the function of a document/message.		Additional information to the given code. (The number of the document and the DATE of the document)	
	<b>C503</b>		<b>DOCUMENT/MESSAGE DETAILS</b> Identification of document/message by number, status, source and/or language.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>1004</b>	<b>Document/message number Reference number assigned to the document/message by the issuer.</b>			
		<b>1373</b>	Document/message status, codedTo identify the status of a document/message. 2 Accompanying goods Notice that a specific document will be accompanying the goods. This accompanying document is a paper document. 4 To arrive by separate EDI message Notice that a specific document/message will be transmitted via a separate EDI message. This document or message is an electronic data interchange document.			
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>71</b>	<b>Acknowledgement of receipt</b>	
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 282 - Confirmation date lead time Lead time is referenced to the date of confirmation.	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	
<b>TCC+C200/8023::3055:8022:4237+C203/5243:1131::5242'</b>			<b>TRANSPORT CHARGE/RATE CALCULATIONS</b>			
	<b>C200</b>		CHARGE			
		<b>8023</b>	Freight and other charges description identifier		= 123 - charge description code	
		<b>3055</b>	Code list responsible agency code		= 6 - UN/ECE (United Nations - Economic Commission for Europe)	
		<b>8022</b>	Freight and other charges description			
		<b>4237</b>	Payment arrangement code		Indicator of location for accounting (upon arrival,...)	
	<b>C203</b>		RATE/TARIFF CLASS			
		<b>5243</b>	Rate or tariff class description code			
		<b>1131</b>	Code list identification code			
		<b>5242</b>	Rate or tariff class description			
<b>PRI+C509/5125:5118'</b>			<b>PRICE DETAILS</b>	<b>57</b>	<b>Unit charge</b>	
	<b>C509</b>		PRICE INFORMATION			
		<b>5125</b>	Price code qualifier		= CAL - Calculation price	
		<b>5118</b>	Price amount		Tariff rate of transport charge	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>MOA+C516/5025:5004:6345</b>			<b>Monetary Amount</b>	<b>56</b>	<b>Supplements, fees, deductions</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 23 - Charge Mount
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		<b>Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Monetary Amount</b>	<b>58</b>	<b>Charges</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 122 - Specific amount payable
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		<b>Currency, coded</b>
<b>QTY+49:X:KM'</b>				<b>55</b>	<b>Km or Zone</b> tariff distance

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>RFF+C506/1153:1154'</b>			<b>Reference</b>	<b>67</b>	<b>Arrival number</b>	
	<b>C506</b>		REFERENCE Identification of a reference.			
		<b>1153</b>	Reference qualifier Code giving specific meaning to a reference segment or a reference number.		= CN - Carrier's reference num. OR = LRN - Conveyance ref.num.	
		<b>1154</b>	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. The tariff or the reference number of the party considered is introduced at this level.		Consignor's reference or contract no.	
		<b>4000</b>	Reference version number To uniquely identify a reference by its revision number.		Railway Undertaking	
<b>DTM+C507/2005:2380:2379</b>			<b>Date/Time/Period</b>	<b>20</b>	<b>Description of the goods</b>	
	<b>C507</b>		Date and/or time, or period relevant to the specified date/time/period type.		Event date	
		<b>2005</b>	Code giving specific meaning to a date, time or period		= 168 - Charge period end date The charge period's last date.	
		<b>2380</b>	The value of a date, a date and time, a time or of a period in a specified representation.		date (year, month, day, time)	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>2379</b>	Specification of the representation of a date, a date and time or of a period.		= 203 - Calendar date including time with minutes	
<b>CPI+C229/5237'</b>			<b>CIM charge payment order</b>		<b>Transport costs</b>	
	<b>C229</b>		CHARGE CATEGORY Identification of a category or a zone of charges.			
		<b>5237</b>	Charge category, coded to indicate the category or zone of charges. At UIC, we use a code coming from the UIC leaflet 920-7 in order to code the prepayment instruction and coming from the UIC leaflet 920-6 for additional charges. Each additional charge that the consignor mentions as being part of his charges then a new occurrence of the CPI is generated.		= 14 - Transport costs	
<b>RFF+C506/1153:1154:4000'</b>			<b>Reference</b>	<b>14</b> <b>54</b>	<b>Number of customer agreement or tariff</b> <b>Customer agreement or tariff applied</b>	According to EDIFACT grammar, if information is missing, then segment is not indicated.
	<b>C506</b>		REFERENCE Identification of a reference.			
		<b>1153</b>	Reference qualifier Code giving specific meaning to a reference segment or a reference number.		= CT - Contract number. Reference number of a contract concluded between parties.	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>1154</b>	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. The tariff or the reference number of the party considered is introduced at this level.			
		<b>4000</b>	Reference version number To uniquely identify a reference by its revision number.		=1; 1154=tariff, if Y =2 (14, 54)	
<b>CUX+C504/6347:6345'</b>			<b>Reference</b>	<b>52</b>	<b>Currency</b>	According to EDIFACT grammar, if information is missing, then segment is not indicated.
	<b>C504</b>		CURRENCY DETAILS The usage to which a currency relates. This first composite is exclusively used when defining an exchange rate.			
		<b>6347</b>	Currency details qualifier Specification of the usage to which the currency relates.		= CT - Contract number. Reference number of a contract concluded between parties.	
		<b>6345</b>	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction. The currency symbol considered follows the ISO norm 4217.		tariff currency	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Number	Name of CN fields/Data catalogue element	
	Element	Element			Name
LOC+3227+C517/3225:1131: 3055:3224'			49	Codes for the charging sections	
	3227			= 5 - Place of departure (3214) Port, airport or other location from which a means of transport is scheduled to depart or has departed. = 8 - Place of destination Port, airport or other location to which a means of transport is destined = 13 - Place of transshipment (3424) Place where goods are transferred from one means of transport to another (operational term). = 17 - Border crossing place Place where goods are transported across a country border = 41 - Customs office of entry [3088] Customs office at which the goods enter the country of destination. = 42 - Customs office of exit [3096] Customs office at which the goods leave the country of dispatch/export.	
	C517			LOCATION IDENTIFICATION Identification of a location by code or name.	



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>3225</b>	<b>Place/location identification</b> <b>Identification of the name of place/location, other than 3164 City name.</b> <b>At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.</b>		Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE).	
		<b>1131</b>	<b>Code list qualifier</b> <b>Identification of a code list.</b>		= 37 - railway station attribute	
		<b>3055</b>	<b>Code list responsible agency, coded</b> <b>Code identifying the agency responsible for a code list.</b>		= 12 - UIC (International union of railways)	
		<b>3224</b>	<b>Place/location</b> <b>Name of place/location, other than 3164 City name.</b> <b>This data element may be used by those who are unfamiliar with codes in order to mention literally the name of the consignor station. This use must be minimized</b>		Station code (8 characters) is indicated station name.	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>CPI+C229/5237'</b>			<b>Charge payment order after reloading For CIM/SMGS wagon and container note</b>		<b>Transport charges up to a specified location</b>
	<b>C229</b>		CHARGE CATEGORYIdentification of a category or a zone of charges.		
		<b>5237</b>	Charge category, coded To indicate the category or zone of charges. At UIC, we use a code coming from the UIC leaflet 920-7 in order to code the prepayment instruction and coming from the UIC leaflet 920-6 for additional charges. Each additional charge that the consignor mentions as being part of his charges then a new occurrence of the CPI is generated.		= 9 - Transport charges up to a specified location
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>		<b>For CIM/SMGS wagon and container note</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 22 - Cash on delivery Mount Amount to be collected by carrier upon delivery of goods. This amount represents approximately the value of the goods.
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>		<b>For CIM/SMGS wagon and container note</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 23 - Charge MountSelf explanatory
		<b>5004</b>	Number of monetary units.		Value

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>		<b>For CIM/SMGS wagon and container note</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 50 - Disbursements Amount of disbursements to be collected by the carrier according to the order given by the shipper.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>TSR++C223/7273 ::: 7273+C537/4219</b>			<b>Transport Service Requirements</b>			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C233</b>		To identify a service (which may constitute an additional component to a basic contract).		
		<b>7273</b>	Identification of a service requirement (which may constitute an additional component to a basic contract)		Code Service requirement, coded
		<b>7273</b>	Identification of a service requirement (which may constitute an additional component to a basic contract)		Code Transport priority, coded
	<b>C537</b>		To indicate the priority of requested transport service.		
		<b>4219</b>	Coded priority of requested transport service.		Code transportation speed () <b>mandatory</b> <b>1=high speed;</b> <b>3=low speed.</b>
<b>FTX+4451+++C108/4440'</b>			<b>Free Text</b>	<b>59</b>	<b>Prepayment coding - Carriage paid up to</b> Coding of marks on costs payment (2 characters are for payment code,
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= MKS - Additional marks/numbers information Self explanatory.
	<b>C108</b>		<b>Free text; one to five lines.</b>		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEKCT=Customs marks	Additional marks
<b>FTX+4451+++C108/4440'</b>			<b>Free Text</b>	<b>39</b>	<b>Examination</b>	
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= BLR - Transport document remarks Remarks concerning the complete consignment to be printed on the bill of lading.	
	<b>C108</b>		<b>Free text; one to five lines.</b>			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEKCT=Transport document remarks
<b>TCC+C200/8023::3055:8022:4237+C203/5243:1131::5242'</b>			<b>TRANSPORT CHARGE/RATE CALCULATIONS</b>	<b>81</b>	<b>Class</b>
	<b>C200</b>		CHARGE		
		<b>8023</b>	Freight and other charges description identifier		= 123-charge description code
		<b>3055</b>	Code list responsible agency code		= 6 - UN/ECE (United Nations - Economic Commission for Europe)
		<b>8022</b>	Freight and other charges description		
		<b>4237</b>	Payment arrangement code		indicator of location for accounting (upon arrival,...)
	<b>C203</b>		RATE/TARIFF CLASS		
		<b>5243</b>	Rate or tariff class description code		
		<b>1131</b>	Code list identification code		= 137 Rail harmonized codification of tariffs
		<b>5242</b>	Rate or tariff class description		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>PRI+C509/5125:5118'</b>			<b>PRICE DETAILS</b>	<b>82</b>	<b>Unit charge</b>	
	<b>C509</b>		PRICE INFORMATION			
		<b>5125</b>	Price code qualifier		= CAL - Calculation price	
		<b>5118</b>	Price amount		Tariff rate of transport charge	
<b>EQN+C523/6350:6353'</b>			<b>Number of Units</b>	<b>80</b>	<b>Item no.</b>	
	<b>C523</b>		NUMBER OF UNIT DETAILS Identification of number of units and its purpose.			
		<b>6350</b>	Number of units Number of units of a certain type. Numbers of attached equipment given the type considered. See Article CIM 13, DCU 10.			
		<b>6353</b>	Number of units qualifier Indication of the objective of number of units information.			
<b>PCD+5245:5482'</b>			<b>Percentage % of tariff shift</b>	<b>81</b>	<b>Class</b>	
		<b>5245</b>	Percentage qualifier		= 40 - percentage of reduction = 41 - percentage of increase	
		<b>5482</b>				



EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>88</b>	<b>Charges to be paid by the consignor</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 24 - Charge summary total Code to indicate the total charges relating to a consignment.
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>94</b>	<b>Charges</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 26 - Charges collect fee Self explanatory.
		<b>5004</b>	Number of monetary units.		Value

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>95</b>	<b>Charges</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 27 - Charges in destination currency Collect charges payable in the currency of the country of destination.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>98</b>	<b>Total amount of ancillary and other charges</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 28 - Collect charge summary total Self explanatory
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>99</b>	<b>Total amount of ancillary and other charges</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 29 - Collect charges in destination currency Collect charges payable in the currency of the country of destination.
		<b>5004</b>	Number of monetary units.		Value

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>102</b>	<b>Total</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 128 - Total amount The amount specified is the total amount.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>103</b>	<b>Total</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 131 - Total charges/allowances The amount specified is the total of all charges/allowances.
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>106</b>	<b>Total</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 132 - Total collect charges Total charges to be collected.
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>107</b>	<b>Total</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 133 - Total collect charges at destination Total charges to be collected at destination.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>	
<b>QTY+49:X:KM'</b>				<b>86</b>	<b>Km</b>	tariff distance
<b>TCC+C200/8023::3055:8022:4237+C203/5243:1131::5242'</b>			<b>TRANSPORT CHARGE/RATE CALCULATIONS</b>	<b>81</b>	<b>Class</b>	
	<b>C200</b>		CHARGE			
		<b>8023</b>	Freight and other charges description identifier		= 123-charge description code	
		<b>3055</b>	Code list responsible agency code		= 6 - UN/ECE (United Nations - Economic Commission for Europe)	
		<b>8022</b>	Freight and other charges description			
		<b>4237</b>	Payment arrangement code		indicator of location for accounting (upon arrival,...)	
	<b>C203</b>		RATE/TARIFF CLASS			
		<b>5243</b>	Rate or tariff class description code			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>1131</b>	Code list identification code		= 137 Rail harmonized codification of tariffs
		<b>5242</b>	Rate or tariff class description		
<b>PRI+C509/5125:5118'</b>			<b>PRICE DETAILS</b>	<b>82</b>	<b>Unit charge</b>
	<b>C509</b>		PRICE INFORMATION		
		<b>5125</b>	Price code qualifier		= CAL - Calculation price
		<b>5118</b>	Price amount		Tariff rate of transport charge
<b>EQN+C523/6350:6353'</b>			<b>Number of Units</b>	<b>80</b>	<b>Item no.</b>
	<b>C523</b>		NUMBER OF UNIT DETAILS Identification of number of units and its purpose.		
		<b>6350</b>	Number of units Number of units of a certain type. Numbers of attached equipment given the type considered. See Article CIM 13, DCU 10.		
		<b>6353</b>	Number of units qualifier Indication of the objective of number of units information.		
<b>PCD+5245:5482'</b>			<b>Percentage % of tariff shift</b>		<b>Percentage % of tariff shift</b>
		<b>5245</b>	Percentage qualifier		= 40 - percentage of reduction = 41 - percentage of increase
		<b>5482</b>			
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>89</b>	<b>Charges to be paid by the consignee</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 24 - Charge summary total Code to indicate the total charges relating to a consignment.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>96</b>	<b>Charges</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 26 - Charges collect fee Self explanatory.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>	



EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>97</b>	<b>Charges</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 27 - Charges in destination currency Collect charges payable in the currency of the country of destination.
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>100</b>	<b>Total amount of ancillary and other charges</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 28 - Collect charge summary total Self explanatory
		<b>5004</b>	Number of monetary units.		Value

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>101</b>	<b>Total amount of ancillary and other charges</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 29 - Collect charges in destination currency Collect charges payable in the currency of the country of destination.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>104</b>	<b>Total</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 128 - Total amount The amount specified is the total amount.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>105</b>	<b>Total</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 131 - Total charges/allowances The amount specified is the total of all charges/allowances.	
		<b>5004</b>	Number of monetary units.		Value	
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= <b>USD - Currency, coded</b>	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>108</b>	<b>Grand total</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 132 - Total collect charges Total charges to be collected.
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>109</b>	<b>Grand total</b>
	<b>C516</b>		<b>MONETARY AMOUNT</b>		
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 133 - Total collect charges at destination Total charges to be collected at destination.
		<b>5004</b>	Number of monetary units.		Value
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded
<b>QTY+49:X:KM'</b>				<b>86</b>	<b>Km</b> tariff distance

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>CPI+C229/5237'</b>			<b>SMGS charge payment order</b>		<b>Transport charges up to a specified location</b>
	<b>C229</b>		CHARGE CATEGORY Identification of a category or a zone of charges.		
		<b>5237</b>	Charge category, coded To indicate the category or zone of charges. At UIC, we use a code coming from the UIC leaflet 920-7 in order to code the prepayment instruction and coming from the UIC leaflet 920-6 for additional charges. Each additional charge that the consignor mentions as being part of his charges then a new occurrence of the CPI is generated.		= 17 - Transport charges up to a specified location
<b>RFF+C506/1153:1154:4000'</b>			<b>Reference</b>	<b>14</b> <b>87</b>	<b>Number of customer agreement or tariff Tariff</b>
	<b>C506</b>		REFERENCE Identification of a reference.		According to EDIFACT grammar, if information is missing, then segment is not indicated.
		<b>1153</b>	Reference qualifier Code giving specific meaning to a reference segment or a reference number.		= CT - Contract number. Reference number of a contract concluded between parties.

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>1154</b>	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. The tariff or the reference number of the party considered is introduced at this level.			
		<b>4000</b>	Reference version number To uniquely identify a reference by its revision number.		=1; 1154=tariff, if Y =2 (14, 87)	
<b>CUX+C504/6347:6345+C504/6347:6345'</b>			<b>Reference</b>	<b>110</b>	<b>Exchange rate</b>	According to EDIFACT grammar, if information is missing, then segment is not indicated.
	<b>C504</b>		CURRENCY DETAILS The usage to which a currency relates. This first composite is exclusively used when defining an exchange rate.			
		<b>6347</b>	Currency details qualifier Specification of the usage to which the currency relates.		= 2 - Reference currency	
		<b>6345</b>	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction. The currency symbol considered follows the ISO norm 4217.		tariff currency	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C504</b>		CURRENCY DETAILS The usage to which a currency relates. This first composite is exclusively used when defining an exchange rate.		
		<b>6347</b>	Currency details qualifier Specification of the usage to which the currency relates.		= 3 - Target currency
		<b>6345</b>	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction. The currency symbol considered follows the ISO norm 4217.		tariff currency

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Number	Name of CN fields/Data catalogue element	
	Element	Element			Name
LOC+3227+C517/3225:1131: 3055:3224'			74 78	Charging sections Charging sections	Sections for calculating transport charges: (74-78) sections for calculating transport charges are designed to compute transport charges, separately for: - Section 74 – consignment railway - Разделы 75 – 77 transit railways - Раздел 78 – destination railway. Herewith in each section it is necessary to indicate names of the initial and final station of the respective section for calculating the transport charge. Additional charges and other costs are indicated with respective numerical code according to Appendix 12.5.2 to SMGS.
	3227			= 5 Place of departure = 8 Place of destination = 13 Place of transshipment = 17 Border crossing place = 41 Customs office of entry = 42 Customs office of exit	



EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C517</b>		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.		
		<b>3225</b>	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name. At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.		Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE).
		<b>1131</b>	<b>Code list qualifier</b> Identification of a code list.		= 37 - railway station attribute
		<b>3055</b>	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.		= 12 - UIC (International union of railways)
		<b>3224</b>	<b>Place/location</b> Name of place/location, other than 3164 City name. This data element may be used by those who are unfamiliar with codes in order to mention literally the name of the consignor station. This use must be minimized		Station code (8 characters) is indicated station name.

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Number	Name of CN fields/Data catalogue element	
	Element	Element			Name
LOC+3227+C517/3225:1131: 3055:3224'			84	Numerical coding box	(84) Numerical code box: numerical code is entered into each section for calculating the transport charge, respectively: - of forwarding railway and station or - of transit railway and its exit border station, or - of destination railway and its entry border station
	3227			= 5 Place of departure = 8 Place of destination = 13 Place of transshipment = 17 Border crossing place = 41 Customs office of entry = 42 Customs office of exit	
	C517				

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>3225</b>	<b>Place/location identification</b> <b>Identification of the name of place/location, other than 3164 City name.</b> <b>At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.</b>		Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE).	
		<b>1131</b>	<b>Code list qualifier</b> <b>Identification of a code list.</b>		= 37 - railway station attribute	
		<b>3055</b>	<b>Code list responsible agency, coded</b> <b>Code identifying the agency responsible for a code list.</b>		= 12 - UIC (International union of railways)	
		<b>3224</b>	<b>Place/location</b> <b>Name of place/location, other than 3164 City name.</b> <b>This data element may be used by those who are unfamiliar with codes in order to mention literally the name of the consignor station. This use must be minimized</b>		Station code (8 characters) is indicated station name.	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>LOC+3227+C517/3225:1131: 3055:3224'</b>			<b>Place/Location Identification</b>	<b>85</b>	<b>Numerical coding box</b>	(85) Numerical code box: numerical code is entered into each section for calculating the transport charge, respectively: - of forwarding railway and station or - of transit railway and its exit border station, or - of destination railway and its entry border station
	<b>3227</b>		PLACE/LOCATION QUALIFIER Code identifying the function of a location.		= 5 Place of departure = 8 Place of destination = 13 Place of transshipment = 17 Border crossing place = 41 Customs office of entry = 42 Customs office of exit	
	<b>C517</b>		LOCATION IDENTIFICATION Identification of a location by code or name.			
		<b>3225</b>	Place/location identification Identification of the name of place/location, other than 3164 City name. At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.		Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE).	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>1131</b>	Code list qualifier Identification of a code list.		= 37 - railway station attribute	
		<b>3055</b>	Code list responsible agency, coded Code identifying the agency responsible for a code list.		= 12 - UIC (International union of railways)	
		<b>3224</b>	Place/locationName of place/location, other than 3164 City name. This data element may be used by those who are unfamiliar with codes in order to mention literaly the name of the consignor station. This use must be minimized		Station code (8 characters) is indicated station name.	
<b>MOA+C516/5025:5004:6345</b>			<b>Transport charge after reloading</b>	<b>112</b>	<b>To be raised additionally from the consignor</b>	
	<b>C516</b>		<b>MONETARY AMOUNT</b>			
		<b>5025</b>	<b>Monetary amount type qualifier</b>		= 133 - Total collect charges at destination Total charges to be collected at destination.	
		<b>5004</b>	Number of monetary units.		Value	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6345</b>	Identification of the name or symbol of the monetary unit involved in the transaction. It can contain the ISO code of the currency used following the ISO norm 4217 if this one differs from the one defined into the CUX segment at general level.		= USD - Currency, coded	
<b>TSR++C223/7273 ::: 7273+C537/4219</b>			<b>Transport Service Requirements</b>			
	<b>C233</b>		To identify a service (which may constitute an additional component to a basic contract).			
		<b>7273</b>	Identification of a service requirement (which may constitute an additional component to a basic contract)		Code	Service requirement, coded
		<b>7273</b>	Identification of a service requirement (which may constitute an additional component to a basic contract)		Code	Transport priority, coded
	<b>C537</b>		To indicate the priority of requested transport service.			
		<b>4219</b>	Coded priority of requested transport service.		Code	transportation speed ( ) mandatory 1=high speed; 3=low speed.

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>FTX+4451+++C108/4440'</b>			<b>Free Text</b>	<b>111</b>	<b>Remarks concerning charging</b>
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= MKS - Additional marks/numbers information Self explanatory.
	<b>C108</b>		<b>Free text; one to five lines.</b>		
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEKCT=Transport document remarks
<b>GID+1496+C213/7224:7065:::7064'</b>			<b>Goods Item Details</b>	<b>20</b>	<b>Description of the goods</b>
	<b>1496</b>		GOODS ITEM NUMBER Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration. Unique number of internal use used in order to differentiate different Goods Item.		Position of goods (in general description of goods in the consignment note),

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C213</b>		NUMBER AND TYPE OF PACKAGES Number and type of individual parts of a shipment.		
		<b>7224</b>	Number of packages Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.		The number of cargo packages in consignment/containers
		<b>7065</b>			Package code
		<b>7064</b>			Package name
<b>LOC+3227+C517/3225:1131: 3055'</b>			<b>Place/Location Identification</b>	<b>10</b> <b>12</b> <b>16</b>	<b>Delivery point</b> <b>Station code</b> <b>Acceptance point</b>
					Forwarding country (original), mandatory (16) Destination country (final), mandatory (10,12)



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	<b>3227</b>		PLACE/LOCATION QUALIFIER Code identifying the function of a location.		= 27 Country of origin [3238] Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade. = 28 Country of destination of goods Country to which the goods are to be delivered = 35 Country of exportation/despatch (3220) Country from which the goods were initially exported to the importing country without any commercial transaction taking place in intermediate countries. Syn.: country whence consigned. Country of despatch: country from which goods are despatched between countries of a Customs union.	
	<b>C517</b>		LOCATION IDENTIFICATION Identification of a location by code or name.			

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>3225</b>	Place/location identification/Identification of the name of place/location, other than 3164 City name.At UIC level, we mention here the consignor station code such as mentioned in the UIC leaflet 920-2. And referring to a leaflet means that we have to use the data element 3055 with "12" as code.		Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE).
		<b>1131</b>	Code list qualifier Identification of a code list.		= 162 - Country Identification of a country.
		<b>3055</b>	Code list responsible agency, coded Code identifying the agency responsible for a code list.		= 12 - UIC (International union of railways)
<b>PIA+4347+C212/7140:7143:: 3055'</b>			<b>Additional Product Id</b>	<b>23</b>	<b>NHM or GNG code</b>
	<b>4347</b>		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code.		= 5 Product identification Self explanatory.
	<b>C212</b>		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.		
		<b>7140</b>	Item number A number allocated to a group or item. Product code as defined in the NHM (Harmonized Nomenclature of goods) list.		Identification of freight code (NHM, GNG) on consignment mandatory (23)

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
		<b>7143</b>	Item number type, coded Identification of the type of item number.		HS = Harmonised system Self explanatory
		<b>3055</b>	Code identifying the agency responsible for a code list.		= 12 UIC (International union of railways)
<b>PIA+4347+C212/7140:7143:: 3055'</b>			<b>Additional Product Id</b>	<b>51</b>	<b>NHM code</b>
	<b>4347</b>		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code.		= 1 Additional identification information which specifies and qualifies product identifications.
	<b>C212</b>		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.		
		<b>7140</b>	Item number A number allocated to a group or item. Product code as defined in the NHM (Harmonized Nomenclature of goods) list.		Freight code NHM estimated
		<b>7143</b>	Item number type, coded Identification of the type of item number.		HS = Harmonised system Self explanatory
		<b>3055</b>	Code identifying the agency responsible for a code list.		= 12 UIC (International union of railways)

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
FTX+4451+++C108/4440 '			Free Text	20	Description of the goods - UTI
	4451		TEXT SUBJECT QUALIFIER		= ICN - Information for consignee
	C108		Free text; one to five lines.		
		4440	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in data elements 4440 as free text.		TEXT

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>24</b>	<b>Mass as given by the consignor</b>	
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= WT - Weights Self explanatory.	
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			
		<b>6313</b>	Property measured, coded Specification of the property measured.		= G - Gross Weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	
		<b>6321</b>				
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= KGM - KILOGRAMME	
		<b>6314</b>	Measurement valueValue of the measured unit.At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Cargo weight specified by consignor (including package, but without tare), mandatory (24) (24)=Net weight of cargo + package mass	If EQA=CN, box 13 indicates container cargo weight, container tare mass, overall gross weight. According to EDIFACT grammar, if information is missing, then segment is not indicated.
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>38</b>	<b>Mass determined by the railway</b>	
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= ASW - Weight ascertained [4240] Endorsement of the true weight (mass) as ascertained or verified by the railway (CIM 81).	
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6313</b>	Property measured, coded Specification of the property measured.		= G - Gross Weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	
		<b>6321</b>				
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= KGM - KILOGRAMME	
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Cargo weight specified by railway (38)	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Number	Name of CN fields/Data catalogue element	
	Element	Element			Name

<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>53 83</b>	<b>Charged mass Chargeable mass</b>	
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= ASW - Weight ascertained [4240] Endorsement of the true weight (mass) as ascertained or verified by the railway (CIM 81).	
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			
		<b>6313</b>	Property measured, coded Specification of the property measured.		= AEC - Calculated Weight The calculated weight of the item based on the ordered dimensions.	
		<b>6321</b>	Measurement significance, coded Code specifying the significance of a measurement value.			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= KGM - KILOGRAMME	
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Estimated weight when consigning (53, 83)	For CIM/SMGS wagon and container note
<b>PCI+4233+C210/7102:7102:7102'</b>			<b>Package Identification</b>	<b>20</b>	<b>Description of the goods</b>	
	<b>4233</b>		MARKING INSTRUCTIONS, CODED Code indicating instructions on how specified packages or physical units should be marked.		By who cargo package marking is performed = 18 - marking is performed by carrier; = 24 - marking is performed by consignor.	
	<b>C210</b>		MARKS & LABELS Shipping marks on packages in free text; one to ten lines. The 10 events of the DE7102 can be used in order to indicate the various mentions referring to given Goods Item. The format is in free text.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		7102	Shipping marks Marks and numbers identifying individual packages.		Signs and stamps and numbers, mandatory (20)	
		7102	Shipping marks Marks and numbers identifying individual packages.		Signs and stamps and numbers, mandatory (20)	
		7102	Shipping marks Marks and numbers identifying individual packages.		Signs and stamps and numbers, mandatory (20)	
			<b>Dangerous Goods</b>	<b>20 22</b>	<b>Description of the goods RID/SMGS Appendix 2: A cross must be put in this box when the goods are subject to the RID or SMGS Appendix 2.</b>	Segment is missing if goods are not dangerous.
	8273		DANGEROUS GOODS REGULATIONS, CODED Code indicating the regulation, international or national, applicable for a means of transport.		= RID - Railroad dangerous goods book (RID) International regulations concerning the international carriage of dangerous goods by rail. RID is the abbreviation of "Reglement International concernant le transport des marchandises Dangereuses par chemin de fer".	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	<b>C205</b>		HAZARD CODE The identification of the dangerous goods in code.		Information on dangerous goods mandatory (20,22)	
		<b>8351</b>	Hazard code identification Dangerous goods code.		transport emergency card code	
	<b>C234</b>		UNDG INFORMATION Information on United Nations Dangerous Goods classification.			
		<b>7124</b>	UNDG number Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.		UN dangerous goods number	
	<b>8339</b>		PACKING GROUP, CODED Identification of a packing group by code.		Packing group code	
	<b>C235</b>		HAZARD IDENTIFICATION Identification of the Orange placard required on the means of transport.			
		<b>8158</b>	Hazard identification number, upper part The id. number for the Orange Placard (upper part) required on the means of transport. At UIC level, we use for this data element the identification number of the danger, according to the RID 1802 marginal enumeration.		Class of dangerous (danger code) identification of card number (above the line)	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>8186</b>	Hazard identification number, lower part The id. number for the Orange Placard (lower part) required on the means of transport. Warning label		<b>Warning label (danger sign)</b> identification of card number (below the line)	
	<b>C236</b>		DANGEROUS GOODS LABEL Markings identifying the type of hazardous goods and similar information.			
		<b>8246</b>	Dangerous goods label marking Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.		<b>Hazard number</b>	
		<b>8246</b>	Dangerous goods label marking Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.		<b>Classification code</b>	
<b>FTX+4451+++C108/4440 '</b>			<b>Free Text</b>	<b>20</b>	<b>Description of the goods</b> Segment is missing if goods are not dangerous or transport emergency card code is specified in DGS segment	
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= AAD - Dangerous goods, technical name	
	<b>C108</b>		<b>Free text; one to five lines.</b>			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>4440</b>	Free text Free text field available to the message sender for information.If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		Description of dangerous goods (20)	
<b>FTX+4451+++C108/4440 '</b>			<b>Free Text</b>	<b>20</b>	<b>Description of the goods</b>	
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= AAC - Dangerous goods additional information	
	<b>C108</b>		<b>Free text; one to five lines.</b>			
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		Description of dangerous goods (20)	
<b>EQD+8053+C237/8260+C224/8155+++8169'</b>			<b>Equipment Details</b>	<b>19</b>	<b>Wagon no. - carrier</b>	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>8053</b>		EQUIPMENT QUALIFIER Code identifying type of equipment.		= RR - Rail car [8320] Registered identification number of railway wagon (CIM 19). Note that the code corresponds to CIM 21 rather than CIM 19.
	<b>C237</b>		EQUIPMENT IDENTIFICATION Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
		<b>8260</b>	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device. At UIC level, we mention here the wagon number in 12 positions.		Wagon number,
	<b>C224</b>		EQUIPMENT SIZE AND TYPE Code and/or name identifying size and type of equipment used in transport. Code preferred. This composite is only used when the wagon is not involved directly in the goods carriage.		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>8155</b>	Equipment size and type identification Coded description of the size and type of equipment e.g. unit load device.		Type of wagon	
	<b>8169</b>		FULL/EMPTY INDICATOR, CODED To indicate the extent to which the equipment is full or empty. For detail consignments (CIM n°28 (2)), the wagon effective load indication which can be wished, may use all the other values according to the encountered case's.		wagon filling attribute mandatory (19) = 4 - Empty = 5 - loaded	
<b>EQD+8053+C237/8260+C224/8155+++8169'</b>			<b>Equipment Details</b>	<b>19</b>	<b>Wagon no. - carrier</b>	For CIM/SMGS wagon and container note
	<b>8053</b>		EQUIPMENT QUALIFIER Code identifying type of equipment.		= ZRR - Rail car [8320] Registered identification number of railway wagon (CIM 19). Note that the code corresponds to Cim 21 rather than Cim 19.	
	<b>C237</b>		EQUIPMENT IDENTIFICATION Marks (letters and/or numbers) identifying equipment used for transport such as a container.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>8260</b>	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device. At UIC level, we mention here the wagon number in 12 positions.		Wagon former number (prior to reloading),	
	<b>C224</b>		EQUIPMENT SIZE AND TYPE Code and/or name identifying size and type of equipment used in transport. Code preferred. This composite is only used when the wagon is not involved directly in the goods carriage.			
		<b>8155</b>	Equipment size and type identification Coded description of the size and type of equipment e.g. unit load device.		Type of wagon	



EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>8169</b>		FULL/EMPTY INDICATOR, CODED To indicate the extent to which the equipment is full or empty. For detail consignments (CIM n°28 (2)), the wagon effective load indication which can be wished, may use all the other values according to the encountered case's.		wagon filling attribute mandatory (19) = 4 - Empty = 5 - loaded
<b>MEA+6311++C174/6411:6314'</b>			<b>Measurements</b>	<b>19</b>	<b>Wagon no. - carrier</b>
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= SV - Specification value A measurable item characteristic specified by the buyer, seller or third party.
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.		

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= TNE - TONNE	
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Wagon pulling force (19)	
<b>MEA+6311++C174/6411:6314'</b>			<b>Measurements</b>	<b>19</b>	<b>Wagon no. - carrier</b>	
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= NAX - Number of axles/ Количество осей Number of axles of movable equipment or means of transport on wheels.	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.		
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= PCE - Number of Axles
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		The number of axles of wagon (19)
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>19 24</b>	<b>Wagon no. - carrier Mass as given by the consignor</b>

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= WT - Weights Self explanatory.	
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			
		<b>6313</b>	Property measured, coded Specification of the property measured.		= T - Tare Weight Weight excluding goods and loose accessories.	
		<b>6321</b>	Measurement significance, coded Code specifying the significance of a measurement value.			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation		= KGM - KILOGRAMME	

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
			UN/ECE n°20.		
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Wagon/container tare mass (19/24) If EQA=CN, box 13 indicates the container tare mass
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>48</b>	<b>Mass after transhipment</b>
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= WT - Weights Self explanatory.
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.		
		<b>6313</b>	Property measured, codedSpecification of the property measured.		= AAD - Total gross Wright/ Bec брутто [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.
		<b>6321</b>	Measurement significance, coded Code specifying the significance of a measurement value.		

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.		
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= KGM - KILOGRAMME
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Weight of cargo of one wagon (without wagon tare) when transporting several wagons or cargo weight after reloading (48)
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>53</b> <b>83</b>	<b>Charged mass</b> <b>Chargeable mass</b>
					AAD = gross weight For CIM/SMGS wagon and container note

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= ASW - Weight ascertained[4240] Endorsement of the true weight (mass) as ascertained or verified by the railway (CIM 81).	
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			
		<b>6313</b>	Property measured, coded Specification of the property measured.		= AEC - Calculated Weight The calculated weight of the item based on the ordered dimensions.	
		<b>6321</b>	Measurement significance, coded Code specifying the significance of a measurement value.			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= KGM - KILOGRAMME	
		<b>6314</b>	Measurement valueValue of the measured unit.At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Estimated weight when consigning (53, 83)	For CIM/SMGS wagon and container note
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>24</b>	<b>Mass as given by the consignor</b>	
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		=AAE - Measurement [6314] Value of the measured unit.	
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			



EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6313</b>	Property measured, coded Specification of the property measured.		= G- Gross Weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	
		<b>6321</b>	Measurement significance, coded Code specifying the significance of a measurement value.			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= KGM - KILOGRAMME	
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Total weight of consignment mandatory (24)	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				

MEA+6311+C502/6313+C174/6411:6314'			Measurements		Total weight after reloading	
	6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= AAE - Measurement [6314] Value of the measured unit.	
	C502		MEASUREMENT DETAILS Identification of measurement type.			
		6313	Property measured, coded Specification of the property measured.		= WT - Wright [6150] Numeric value of weight.	
		6321	Measurement significance, coded Code specifying the significance of a measurement value.			
	C174		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= KGM - KILOGRAMME	
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Total weight after reloading	For CIM/SMGS wagon and container note
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>20</b>	<b>Description of the goods</b>	
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= AAE - Measurement [6314] Value of the measured unit.	MEA+AAE+HT+ FOT:XX.XX'
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6313</b>	Property measured, coded Specification of the property measured.		= HT- Height dimension Numeric value of height.	
		<b>6321</b>	Measurement significance, coded Code specifying the significance of a measurement value.			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= FOT - Foot	
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Height of wagon	For CIM/SMGS wagon and container note

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Number	Name of CN fields/Data catalogue element	
	Element	Element			Name

MEA+6311+C502/6313+C174/6411:6314'			Measurements	20	Description of the goods	
	6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= AAE - Measurement[6314] Value of the measured unit.	MEA+AAE+WD+ FOT:XX.XX'
	C502		MEASUREMENT DETAILS Identification of measurement type.			
		6313	Property measured, coded Specification of the property measured.		= WD - width dimension Numeric value of height.	
		6321	Measurement significance, coded Code specifying the significance of a measurement value.			
	C174		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= FOT - Foot	
		<b>6314</b>	Measurement valueValue of the measured unit.At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Width of wagon	For CIM/SMGS wagon and container note
<b>MEA+6311+C502/6313+C174/6411:6314'</b>			<b>Measurements</b>	<b>20</b>	<b>Description of the goods</b>	
	<b>6311</b>		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. At UIC level, following the goods item definition this weight must be indicated by the number of customs rate. This means that only one occurrence of the MEA segment of the GID group by type must appear.		= AAE - Measurement [6314] Value of the measured unit.	MEA+AAE+LM+MMT/FOT:XX.XX'
	<b>C502</b>		MEASUREMENT DETAILS Identification of measurement type.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>6313</b>	Property measured, coded Specification of the property measured.		= LM- lengt dimension Numeric value of height.	
		<b>6321</b>	Measurement significance, coded Code specifying the significance of a measurement value.			
	<b>C174</b>		VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order. VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.			
		<b>6411</b>	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. At UIC level, the CIM impose that the indication of the weight is done in kilograms. The code to be used for this mention is, in addition, defined in the recommendation UN/ECE n°20.		= MMT/FOT - Millimetre/Foot	
		<b>6314</b>	Measurement value Value of the measured unit. At UIC level, this data element is used in order to mention the load of the goods subjected to the customs rate considered.		Lengt of wagon	For CIM/SMGS wagon and container note

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
<b>DIM+10+C211/6411:6168'</b>			<b>Dimensions</b>	<b>20</b>	<b>Description of the goods</b>
	<b>6145</b>		DIMENSION QUALIFIER To specify the dimensions applicable to each of the transportable units.		= 10 - External equipment dimension/ Внешние размеры The external dimensions of transport equipment.
	<b>C211</b>		DIMENSIONS Specification of the dimensions of a transportable unit.		
		<b>6411</b>	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. The container length indication must be done in feet in order to be usable to determine the tax coefficient.		Unit of measurement = MTQ - capacity is in m <sup>3</sup> = FOT - length is in the English units of feet
		<b>6168</b>	Length dimension C n.15 O Length of pieces or packages stated for transport purposes. At UIC level, the container length is indicated in foot. It is a value and not a code. The only allowed values are:		-for general purpose containers the max. gross weight of container is specified by numbers 3 or 5; -for large-tonnage containers the size code is specified by two characters and container type is specified by two characters
<b>SEL+1234567890+CA' 1234567890=9308</b>			<b>Seal Number</b>	<b>20</b>	<b>Description of the goods</b>
	<b>9308</b>		SEAL NUMBER The number of a custom seal or another seal affixed to the containers or other transport unit.		= 1234567890 - signs of seals or locking devices, (20)
					The number and all the signs of seals placed on wagon or container
					Number = number of segments SEL



EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			
	<b>C215</b>		SEAL ISSUER Identification of the issuer of a seal on equipment either by code or by name.		
		<b>9303</b>	Sealing party, coded Identification of the issuer of the seal number.		= CA - Carrier Party undertaking or arranging transport of goods between named points.
	<b>FTX+4451+4453++C108/4440 '</b>		<b>Free Text</b>	<b>20</b>	<b>Description of the goods</b> FTX+TDT+++TEXT'
	<b>4451</b>		<b>TEXT SUBJECT QUALIFIER</b>		= TDT - Transport details remarks Additional information related to transport details.
	<b>4453</b>		<b>TEXT FUNCTION, CODED</b> Code specifying how to handle the text.		
	<b>C108</b>		<b>Free text; one to five lines.</b>		
		<b>4440</b>	Free text Free text field available to the message sender for information. If it's not possible to code somewhere else declaration, information for consignee or requested route then we code literally those information in datas elements 4440 as free text.		TEXT

EDIFACT			CN fields/Data catalogue element		Comments
Segment	Data Component		Name	Number	
	Element	Element			

<b>NAD+3035+C082/3039::12' Y/X=C082/3039</b>			<b>Name and Address</b>	<b>19</b>	<b>Wagon no. - Wagon -</b>	
	<b>3035</b>		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.		= CW - Equipment owner Owner of equipment (container, etc.).	CW=owner of equipment (wagon/container/transportation facilities)
	<b>C082</b>		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.			
		<b>3039</b>	Party id. identification Code identifying a party involved in a transaction. Railway code		Identification of a party (code of the railway-owner /absence attribute of belonging to railway/renting) mandatory (19)	
		<b>1131</b>	Code list qualifier Identification of a code list. ITIGG suggests the use of this data element in this segment (N° XX 38 to be confirmed ?) there is also a general recommendation.		type of owner of wagon/container (Latin): - RENTING; - P =not belonging to railway; - 1 =belongs to railway.	

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>3055</b>	Code list responsible agency, coded Code identifying the agency responsible for a code list.		= 12 - UIC (International union of railways) Western and Eastern European railways association (35 networks). UIC with its legal body (CIT) produce codes and regulations that are internationally recognized and accepted by all European railways and official bodies.	
<b>EQA+8053+C237/8260'</b>			<b>Attached Equipment</b>	<b>20</b>	<b>Description of the goods</b>	Description of equipment (container), mandatory (20)

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	<b>8053</b>		EQUIPMENT QUALIFIER Code identifying type of equipment. This code list comes from EDIFACT directory in which UIC leaflet 920-13 appendix 10 codes have been included.		Type of attached equipment: CN=Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly. EFP= exchangeable flat pallet; Exchangeable EUR flat pallet EYP= exchangeable EUR Y box pallet; Exchangeable EUR Y box pallet TP= transportation means or facilities - Tarpaulin Waterproof material, e.g. canvas, to spread over cargo to protect it from getting wet.	
	<b>C237</b>		EQUIPMENT IDENTIFICATION Marks (letters and/or numbers) identifying equipment used for transport such as a container.			Container/transportation means number (for exchangeable pallets –cycle process of exchange

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
		<b>8260</b>	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device. We can use a UIC code corresponding to the tackle of the 'TS' generic code given in the previous data element 8053 OF a container or tackle number.		container category: -for general purpose containers the max. gross weight of container is specified by numbers 3 or 5; -for large-tonnage containers the size code is specified by 2 characters and container type is specified by 2 characters	
<b>EQN+C523/6350'</b>			<b>Number of Units</b>	<b>20</b>	<b>Description of the goods</b>	
	<b>C523</b>		NUMBER OF UNIT DETAILS Identification of number of units and its purpose.			
		<b>6350</b>	Number of units Number of units of a certain type. Numbers of attached equipment given the type considered. See Article CIM 13, DCU 10.		Amount of units of attached equipment given the type considered.	
		<b>6353</b>	Number of units qualifier Indication of the objective of number of units information.			
<b>UNT+0074+0062'</b>			<b>Message Trailer</b>		<b>The number of segments in electronic message is put down by converter</b>	
	<b>0074</b>		NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message. Automatically done by the system.			

EDIFACT			CN fields/Data catalogue element		Comments	
Segment	Data Component		Name	Number		Name of CN fields/Data catalogue element
	Element	Element				
	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. Same number as in the UNH segment automatically provided by the system.		12345	
UNZ+0074+0062'			Group of Messages Trailer		The number of electronic messages in the transmission batch is put down by converter	
	0074		NUMBER OF MESSAGES Control count of number of messages. Automatically done by the system.			
	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. Same number as in the UNH segment automatically provided by the system.		123456789	

### 3. Data catalogue

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM SMGS	01	Consignment	M	01 -	Consignor	Name, postal address, <b>signature</b> and if possible the telephone or fax number (with international prefix) or e-mail address of the consignor. The signature may be replaced by a stamp. See point 10 of this manual. The signature may also be replaced by an accounting machine entry or in any other appropriate manner.
CIM SMGS	01	Consignment	M	01 - Consignor -	Name	Name of the consignor
CIM SMGS	01	Consignment	O	01 - Consignor -	Street Street and number or p.o. box	Street of the consignor or p.o. box
CIM SMGS	01	Consignment	O	01 - Consignor -	Streetnumber	Streetnumber of the consignor
CIM SMGS	01		O	01 - Consignor -	COUNTRY SUB-ENTITY	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.
CIM SMGS	01		O	01 - Consignor -	Postal Code POSTCODE	Postal Code of the consignor
SMGS CIM	01	Consignment	M	01 - Consignor -	Country (code)	Country code of the consignor Proposed codelist: DIN ISO-3166
CIM SMGS	01	Consignment	M	01 - Consignor -	City	City of the consignor
SMGS CIM	01	Consignment	O	01 - Consignor -	Phonenumber	Phonenumber of the consignor
CIM SMGS	01		O	01 - Consignor -	Faxnumber	Faxnumber of the consignor
CIM SMGS	01	Consignment	O	01 - Consignor -	eMail	eMail of the consignor
SMGS CIM	01	Consignment	O	01 - Consignor -	Additional Information	Additional information of the consignor
CIM	01	Consignment	M	01 - Consignor -	Signature	The signature may be replaced by a stamp. See point 10 of this manual.  The signature may also be replaced by an accounting machine entry or in any other appropriate manner.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS CIM	02	Consignment	O	02 - Customer code for the consignor -	Code	If the customer code is missing, it should be entered in accordance with the carrier's instructions when forwarding.
CIM SMGS	03	Consignment	O	03 - Customer code for the payer of pre-paid charges -	Code	Customer code for the payer of pre-paid charges if not the consignor. If the customer code is missing, it may be entered by the carrier if it can be inferred from information entered in boxes 13 or 14.  The code may be entered by the forwarding railway in accordance with its internal regulations.
SMGS CIM	04	Consignment	M	04 -	Consignee	Name, postal address and if possible the telephone or fax number or e-mail address of the consignee. See point 10 of this manual.
CIM SMGS	04	Consignment	M	04 - Consignee -	Name	Name of the consignee
CIM SMGS	04	Consignment	M	04 - Consignee -	Street street and number or p.o.box	Street of the consignee or p.o. box
CIM SMGS	04	Consignment	O	04 - Consignee -	Streetnumber	Streetnumber of the consignee
SMGS CIM	04	Consignment	M	04 - Consignee -	City	City of the consignee
CIM SMGS	04		O	04 - Consignee -	COUNTRY SUB-ENTITY	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.
CIM SMGS	04	Consignment	O	04 - Consignee -	Postal code postcode	P.O. Box of the consignee
CIM SMGS	04	Consignment	M	04 - Consignee -	Country	Country code of the consignee  Proposed codelist: DIN ISO-3166
SMGS CIM	04	Consignment	O	04 - Consignee -	Phonenumber	Phonenumber of the consignee
CIM SMGS	04	Consignment	O	04 - Consignee -	Faxnumber	Faxnumber of the consignee



CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM SMGS	04	Consignment	O	04 - Consignee -	eMail	eMail of the consignee
CIM SMGS	04	Consignment	M	04 - Consignee -	Signature	The signature may be replaced by a stamp. See point 10 of this manual.  The signature may also be replaced by an accounting machine entry or in any other appropriate manner.
CIM SMGS	04	Consignment	O	04 - Consignee -	Additional Information	Name, postal address and if possible the telephone or fax number or e-mail address of the consignee. See point 10 of this manual.
SMGS CIM	05	Consignment	O	05 - Customer code for the consignee -	Code	If the customer code is missing, it should be entered in accordance with the carrier's instructions on arrival.
CIM SMGS	06	Consignment	O	06 - Customer code for the payer of non-pre-paid charges -	Code	Customer code for the payer of non-pre-paid charges if not the consignee. If the customer code is missing, it may be entered by the carrier if it can be inferred from information entered in boxes 13 or 14. The code may be entered by the destination railway in accordance with its internal regulations.
SMGS CIM	07	Consignment	C	07 -	Consignor's declarations	Consignor's declarations committing the carrier.  IF (SMGS-Transport) THEN One element with code = 18 is mandatory ELSE Optional

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM SMGS	07	Consignment	O	07 - Consignor's declarations -	Code	<p>Codes</p> <p>1 Consignee not authorised to take control of the goods. (CIM) (C)</p> <p>2 Authorised consignee (within the meaning of customs law). (CIM) (C)</p> <p>3 Escort(s) (family and first name(s)). (CIM / SMGS) (C)</p> <p>4 Filled mass in kg [for tank wagons refilled without having been cleaned - see RID 5.4.1.2.2 (c) and SMGS Appendix 2]. (CIM / SMGS) (C)</p> <p>5 Emergency telephone number for irregularities or accidents with dangerous goods. (CIM / SMGS) (C)</p> <p>6 Not to be passed to a substitute carrier. (CIM) (C)</p> <p>7 Loading by the carrier. (CIM) (C)</p> <p>8 Unloading by the carrier. (CIM) (C)</p> <p>9 Agreed transit period: ... (CIM) (C)</p> <p>10 Completion of administrative formalities: ... (see CIM Article 15 and SMGS Article 11). (CIM / SMGS) (C)</p> <p>11 Exceptional consignment: ..... ... (reference number for each of the carriers/infrastructure managers involved). (CIM) (C)</p> <p>16 Other declarations: ... (designation of a representative, designation of a substitute carrier, request for attention to be given to the consignment en-route, etc.). (CIM) (C)</p> <p>18 Loading by ... (consignor or railway). (SMGS) (M)</p> <p>19 Movement agreed ... (abbreviations of the railways in accordance with point 3 of this appendix and authorisation numbers and date from all the participating railways - see point 14.2.1 of this manual). (SMGS) (C)</p> <p>20 Movement agreed ... (abbreviations of the railways in accordance with point 3 of this appendix and authorisation numbers and date from all the participating railways - see point 14.2.2 of this manual). (SMGS) (C)</p> <p>21 Movement agreed ... (abbreviations of the railways in accordance with point 3 of this appendix and authorisation numbers and date from all the participating railways - see point 14.2.3 of this manual). (SMGS) (C)</p>

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
						22 Payer of charges ... [Abbreviation of the SMGS forwarding or destination railway (see point 3 of this appendix) for whose charges the payer of charges will pay. Name and code of the payer of charges (see point 11.1 and 11.2 of this manual)]. (SMGS) (C) 23 Other declarations ... (empowerment of the escort, information for the case of prevention of carriage, on changes made to the details shown on the consignment note, etc.). (SMGS) (C)
SMGS CIM	07	Consignment	C	07 - Consignor's declarations -	Text	IF ('07/Consignor's declarations/Code' IN [3, 4, 5, 9, 10, 11, 16, 18, 19, 20, 21, 22, 23]) THEN Mandatory
SMGS CIM	08	Consignment	O	08 -	Consignor's reference or contract no.	- CIM -> SMGS traffic: Indicate the consignor's reference. The importer's contract number in accordance with the SMGS contract of carriage is to be entered in box 15. - SMGS -> CIM traffic: Indicate the exporter's contract number.
CIM SMGS	08	Consignment	C	08 - Consignor's reference or contract no. -	contract number	SMGS -> CIM traffic: Indicate the exporter's contract number. (CIM / SMGS) (O)  Either field 'contract number' or 'reference number' must exist.
CIM SMGS	08	Consignment	C	08 - Consignor's reference or contract no. -	reference number	CIM -> SMGS traffic: Indicate the consignor's reference. The importer's contract number in accordance with the SMGS contract of carriage is to be entered in box 15. Either field 'contract number' or 'reference number' must exist.
SMGS CIM	09	Consignment	C	09 -	Documents attached by the consignor	Listing of all the accompanying documents needed for carriage which are attached to the consignment note. Details of supplementary sheets. When the consignor uses a dangerous goods declaration in accordance with sub-section 5.4.4 of RID or SMGS Appendix 2, it is to be treated as a supplementary sheet. (CIM / SMGS) (C)

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM SMGS	09	Consignment	O	09 - Documents attached by the consignor -	Code	Code of each accompanying document, needed for carriage which are attached to the consignment note.  Proposal for code list: UN/EDIFACT 1001 contains code independent of the type of transport. Many codes for railway transport are missing in this list, but maybe some codes can be used as base to create an own list, which can be enhanced by codes, needed for transports by rail.
CIM SMGS	09	Consignment	O	09 - Documents attached by the consignor -	Text	Additional information to the given code. (The number of the document and the DATE of the document)
CIM SMGS	10	Consignment	C	10 -	Delivery point	- CIM -> SMGS traffic: details of the destination station and destination railway (abbreviation – see point 3 of this appendix). - SMGS -> CIM traffic: details of the delivery point, destination station and country.
SMGS CIM	10	Consignment		10 - Delivery point -	Name	SMGS -> CIM traffic: details of the delivery point.
SMGS CIM	10	Consignment		10 - Delivery point -	Country (Text)	SMGS -> CIM traffic: details of the country.  UIC/OSJD Leaflet 920-14
CIM SMGS	10	Consignment		10 - Delivery point -	Station (Text)	Details of the destination station
CIM SMGS	10	Consignment		10 - Delivery point -	Railway code	CIM -> SMGS traffic: details of the destination railway (abbreviation – see point 3 of this appendix).  UIC/OSJD Leaflet 920-14
CIM	11	Consignment	O	11 - Code for the delivery point -	Point code	If the code is missing, it may be entered by the carrier.  At least on CIM side there will be no international codelist, because every RU has its own pointcodes.  Not only "station-codes" because 1. CIM-transport can include carriage by road or inland waterway 2. some carriers use "siding-codes".

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS CIM	12	Consignment	M	12 -	Station code	International code for the station serving the delivery point for the goods. (CIM) or international code of the destination station (SMGS). Two characters for the country code / railway code (see point 4 of this appendix) plus six characters for the station code. If the code is missing, it must be entered by the carrier.
CIM SMGS	12	Consignment	M	12 - Station code -	Country (code)	Two characters for the country code / railway code (see point 4 of this appendix). If the code is missing, it must be entered by the carrier.  UIC/OSJD Leaflet 920-14
CIM SMGS	12	Consignment	M	12 - Station code -	Station (code)	International code for the station serving the delivery point for the goods. (CIM) or international code of the destination station (SMGS). If the code is missing, it must be entered by the carrier. Proposed to use station codes according to the ENEE (UIC database).
CIM SMGS	13	Consignment	C	13 - Commercial specification -	Code	Codes 1 Route ... (CIM) (C) 2 Traffic flow ... (CIM) (C) 3 Carriers mandated to perform the carriage, section, status ... (CIM) (C) 4 Defined frontier stations ... (for exceptional consignments). (CIM) (C) 5 Other conditions requested ... (for example, the numbers of other customer agreements or tariffs in the CIM area – the number of the customer agreement/tariff which covers the section performed by the first carrier is shown in box 14). (CIM / SMGS) (C) 6 Frontier exit stations ... (for a list of frontier exit stations - see SMGS Article 7 § 6). (SMGS) (C) 7 Forwarding by a diversionary route over transit railways (SMGS) (C)
SMGS CIM	13	Consignment	C	13 - Commercial specification -	Text	
CIM	14	Consignment	C	14 -	Number of customer agreement or tariff	Number of the customer agreement or tariff, which covers the section performed by the first carrier, preceded by the identifier code 1 for customer agreements and 2 for tariffs.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	14	Consignment	M	14 - Number of customer agreement or tariff -	Type	As foreseen in the Manual: "1" for Tariff and "2" for Agreement"
CIM	14	Consignment	M	14 - Number of customer agreement or tariff -	Contract number	Number of the customer agreement or tariff, which covers the section performed by the first carrier.
CIM	14	Consignment	M	14 - Number of customer agreement or tariff -	Code of carrier	Code of carrier to which the customer agreement or tariff is applied. Code "0000" = all carriers
CIM SMGS	15	Consignment	O	15 - Remarks which do not commit the carrier -	Text	Information from the consignor to the consignee relating to the consignment. This information is not to commit the carrier.  For CIM -> SMGS traffic, the importers contract number may be entered.
CIM SMGS	16	Consignment	M	16 -	Acceptance point	- Point (including station and country), date and time (month, day and hour) at which the goods were accepted for carriage.  Note: When details of the actual acceptance differ from those given here, the carrier who has accepted the traffic is to note the difference in box 64 (carrier's declarations). (CIM) (M) - Forwarding station and railway abbreviation (see point 3 of this appendix). (SMGS) (M)
CIM	16	Consignment	C	16 - Acceptance point -	Name (Text)	Name of the acceptance point.  IF (CIM) THEN Mandatory
CIM SMGS	16	Consignment	M	16 - Acceptance point -	Station (Text)	Name of station serving acceptance point.
SMGS	16	Consignment	C	16 - Acceptance point -	Railway abbreviation	Railway abbreviation.  Codelist to use for SMGS railways is in UIC/OSJD Leaflet 920-14
CIM	16	Consignment		16 - Acceptance point -	Date (Month, Day, Hour, Minutes)	date/time of the handing over.  IF (CIM) THEN Mandatory
CIM	16	Consignment	M	16 - Acceptance point -	Country	Country of the acceptance point.  IF (CIM) THEN Mandatory

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	17	Consignment	O	17 - Code for the acceptance point -	Code	<p>The carrier is to provide the consignor with the code in the customer agreement. If the code is missing, it may be entered by the carrier.</p> <p>There will be no international codelist, because every RU has its own pointcodes.</p> <p>Not only "station-codes" because</p> <ol style="list-style-type: none"> <li>1. CIM-transport can include carriage by road or inland waterway</li> <li>2. some carriers use "siding-codes"</li> </ol>
CIM SMGS	18	Consignment	C	18 -	Sectional invoicing	<p>a) SMGS: Abbreviation for the SMGS transit railways in the order of carriage (see point 3 of this appendix), details of the names and codes of the payers of the charges who will accept the charges for this movement and who have concluded a contract for the payment of charges with every transit railway (see also point 11 of this manual).</p> <p>B) CIM: If an intermediate section is to be invoiced separately, enter the code for the carrier or the country code in the left-hand column to indicate the section to be invoiced; enter the code for the carrier who is to invoice the amount in question in the right-hand column.</p>
CIM	18	Consignment	C	18 - Sectional invoicing -	Carrier (code)	CIM: If an intermediate section is to be invoiced separately, enter the code for the carrier to indicate the section to be invoiced.
CIM	18	Consignment	O	18 - Sectional invoicing -	Country (code)	If an intermediate section is to be invoiced separately, enter the country code.
SMGS	18	Consignment	C	18 - Sectional invoicing -	Sequence of carriage	<p>Sequential number according to the position of the SMGS transit railway in the route of the transport.</p> <p>IF (more than 1 'carrier') THEN Mandatory</p>
SMGS	18	Consignment		18 - Sectional invoicing -	carrier Abbreviation	
SMGS	18	Consignment	M	18 - Sectional invoicing -	Name of the payer submitting the invoice	a) SMGS: Details of the names of the payers of the charges who will accept the charges for this movement and who have concluded a contract for the payment of charges with every transit railway (see also point 11 of this manual).

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS	18	Consignment	C	18 - Sectional invoicing -	Code of the payer submitting the invoice	<p>a) SMGS: Details of the codes of the payers of the charges who will accept the charges for this movement and who have concluded a contract for the payment of charges with every transit railway (see also point 11 of this manual. (SMGS) (M)</p> <p>b) CIM: If an intermediate section is to be invoiced separately, enter the code for the carrier who is to invoice the amount in question. (CIM) (C)</p>
CIM SMGS	19	Wagon	M	19 -	Wagon no.	<p>- Wagon with 12 digit wagon number: enter wagon number. The wagon type can be inferred from the wagon number. (CIM / SMGS) (M)</p> <p>- Other wagons: Enter the type, the number and the abbreviation for the owning railway or the home railway of the wagon. If no type is shown on the wagon, enter the type as defined by the regulations of the forwarding SMGS railway. (SMGS) (M)</p> <p>- Enter the load limit, the number of axles and the tare. (CIM / SMGS) (C)</p> <p>Notes:</p> <p>- When transshipping, the original data is to be crossed out and the data for the new wagon(s) entered.</p> <p>- Where block trains or groups of wagons are consigned, the remark "See attached list" must be entered in this box.</p>
SMGS	19	Wagon	M	19 - Wagon no. - carrier -	abbreviation	<p>Abbreviation of the owning railway or the home railway of the wagon.</p> <p>Codelist to use for SMGS railways is in UIC/OSJD Leaflet 920-14 or mutually agreed codelist.</p>
SMGS	19	Wagon	M	19 - Wagon no. - carrier -	number	<p>Number of the owning railway or the home railway of the wagon.</p> <p>Codelist to use for SMGS railways is in UIC/OSJD Leaflet 920-14</p>



CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS	19	Wagon	M	19 - Wagon no. - Wagon -	type	Enter the type of the wagon. If no type is shown on the wagon, enter the type as defined by the regulations of the forwarding SMGS railway.  IF (Type of Wagon cannot inferred from wagon number) THEN Mandatory (usually SMGS?)
CIM SMGS	19	Wagon	C	19 - Wagon no. - Wagon -	load limit	Enter the load limit. (CIM (C) / SMGS(M))  IF (SMGS) THEN mandatory ELSE Conditional
CIM SMGS	19	Wagon	C	19 - Wagon no. - Wagon -	number of axles	Enter the number of axles. (CIM (C)/ SMGS (M))  IF (SMGS) THEN mandatory ELSE Conditional
SMGS CIM	19	Wagon	C	19 - Wagon no. - Wagon -	tare	Enter the tare. (CIM (C) / SMGS (M))  IF (SMGS) THEN mandatory ELSE Conditional
SMGS CIM	19	Wagon	M	19 - Wagon no. - Wagon -	Wagon no.	Enter 12 digit wagon number.
SMGS CIM	20		M	20 -	Description of the goods	<ul style="list-style-type: none"> <li>- Signs and marks shown on the individual packages (see SMGS Article 9 § 3). (SMGS) (C)</li> <li>- Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length. (CIM / SMGS) (C)</li> <li>- Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2. (CIM / SMGS) (M)</li> <li>“Harmonised System” code number for the goods when required by customs law (for example for sensitive goods). (CIM) (C)</li> <li>- Perishable goods: see point 14.2.2 of this manual. (SMGS) (C)</li> <li>- Number of packages in figures and words. (SMGS) (M)</li> <li>- Tally number and description of seals attached to the wagon or UTI by the consignor or carrier. (CIM / SMGS) (C)</li> <li>- Consignment which is out of gauge on railways ... (abbreviations for the railways in accordance with point 3 of this appendix) plus height and breadth of the load standing on the ground. (SMGS) (C)</li> </ul>

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
						- Remarks on technical securing and loading conditions. For CIM -> SMGS traffic, this information will be entered by the transshipping/gauge changing station. In the reverse direction this information will be entered by the consignor or forwarding station, depending on who undertakes the loading. (SMGS) (C)
CIM/SMGS	20	Good	M	20 - GoodDescription		<ul style="list-style-type: none"> <li>- Signs and marks shown on the individual packages (see SMGS Article 9 § 3). (SMGS) (C)</li> <li>- Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length. (CIM / SMGS) (C)</li> <li>- Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2. (CIM / SMGS) (M)</li> <li>"Harmonised System" code number for the goods when required by customs law (for example for sensitive goods). (CIM) (C)</li> <li>- Perishable goods: see point 14.2.2 of this manual. (SMGS) (C)</li> <li>- Number of packages in figures and words. (SMGS) (M)</li> <li>- Tally number and description of seals attached to the wagon or UTI by the consignor or carrier. (CIM / SMGS) (C)</li> <li>- Consignment which is out of gauge on railways ... (abbreviations for the railways in accordance with point 3 of this appendix) plus height and breadth of the load standing on the ground. (SMGS) (C)</li> <li>- Remarks on technical securing and loading conditions. For CIM -&gt; SMGS traffic, this information will be entered by the transshipping/gauge changing station. In the reverse direction this information will be entered by the consignor or forwarding station, depending on who undertakes the loading. (SMGS) (C)</li> </ul>
SMGS CIM	20	Good	O	20 - Description of the goods -	RID	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.
CIM	20	Good	M	20 - Description of the goods -	RID/Law	<p>Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.</p> <p>Values: 2007, 2009, 2011, 2013</p>

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	20	Good	M	20 - Description of the goods -	RID/Danger label	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.  Values: "1", "1.4", "1.5", "1.6", "2.1", "2.2", "2.3", "3", "4.1", "4.2", "4.3", "5.1", "5.2", "6.1", "6.2", "7A", "7B", "7C", "7D", "7E", "7X", "8", "9", "13", "15"
CIM	20	Good	M	20 - Description of the goods -	RID/Technical description	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.
CIM	20	Good	M	20 - Description of the goods -	RID/Long text description	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.  Long text description= all description as foreseen in chapter 5.4.1. of RID
CIM	20	Good	M	20 - Description of the goods -	RID/Additional Information	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.  Freetext for additional comments.
CIM	20	Good	M	20 - Description of the goods -	RID/Weight	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.
CIM	20	Good	M	20 - Description of the goods -	RID/Packing group	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.  Possible values: I, II, III or none.
CIM	20	Good	M	20 - Description of the goods -	RID/Classification code	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.  Only needed for goods of class 1.
CIM	20	Good	M	20 - Description of the goods -	RID/Class	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.
CIM	20	Good	M	20 - Description of the goods -	RID/UN Number	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.
CIM	20	Good	M	20 - Description of the goods -	RID/Hazard number	Description of the goods, for dangerous goods the description required by the RID and SMGS Appendix 2.
SMGS CIM	20	WagonUTI	O	20 - Description of the goods -	Description of the seals	Tally number and description of seals attached to the wagon or UTI by the consignor or carrier.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS CIM	20	Good	O	20 - Description of the goods -	Nature of the packing	Nature of the packaging.
CIM	20	Good	O	20 - Description of the goods -	Loading tackle	Information about loading-tackle present.
CIM	20	Good	M	20 - Description of the goods -	Loading tackle/Type	Type code of loading tackle.  Codelist: UN/EDIFACT Data Element 8053 ?
CIM	20	Good	M	20 - Description of the goods -	Loading tackle/Number	Numer of loading tackles of this type for this good.
CIM	20	Good	M	20 - Description of the goods -	Loading tackle/Weight	Weight of each loading tackle
SMGS CIM	20	Good	O	20 - Description of the goods -	Number of packages	Tally number and painted numbers of UTI together with their types and length.
CIM	20	Good	O	20 - Description of the goods -	Particular marks and numbers to identify less than wagon load assignments	
CIM	20	Consignment	M	20 - Description of the goods -	Number of wagons	Number of wagons, which are being used for the consignment.
CIM	20	Consignment	C	20 - Description of the goods -	Number of UTI	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.  Number of UTI used in the consignment.  Mandatory if "NHM / Code" = UTI
SMGS CIM	20	UTI	C	20 - Description of the goods -	UTI	Mandatory if "NHM / Code" = UTI  possible values: SW = swap body (Wechselbehälter); CN = container, TE = Traile
SMGS CIM	20	UTI	M	20 - Description of the goods - UTI -	Type	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.  Possible values: SW = swap body (Wechselbehälter); CN = container, TE = Trailer
CIM SMGS	20	UTI	M	20 - Description of the goods - UTI -	Prefix	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
SMGS CIM	20	UTI	M	20 - Description of the goods - UTI -	Number	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM SMGS	20	UTI	M	20 - Description of the goods - UTI -	Check digit	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
SMGS CIM	20	UTI	M	20 - Description of the goods - UTI -	Length code	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
SMGS CIM	20	UTI	O	20 - Description of the goods - UTI -	Length in feet	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
SMGS CIM	20	UTI	O	20 - Description of the goods - UTI -	Length in mm	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
SMGS CIM	20	UTI	O	20 - Description of the goods - UTI -	Width in feet	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
CIM SMGS	20	UTI	O	20 - Description of the goods - UTI -	Height in feet	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
SMGS CIM	20	UTI	O	20 - Description of the goods - UTI -	Codification	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.  Used for codification of swap bodies.
CIM SMGS	20	UTI	O	20 - Description of the goods - UTI -	Forwarding	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.  Destination of the good.
SMGS CIM	20	UTI	O	20 - Description of the goods - UTI -	Name of ship	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
CIM SMGS	20	UTI	M	20 - Description of the goods - UTI -	Good in UTI	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.
CIM	20	UTI	O	20 - Description of the goods - UTI -	Tax liability VL	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.  Departure country of UTI.
CIM	20	UTI	O	20 - Description of the goods - UTI -	Tax liability BL	Nature of the packaging of the goods: tally number and painted numbers of UTI together with their types and length.  Destination country of UTI.
CIM	20	Wagon UTI	O	20 - Description of the goods -	Harbour	

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	20	Wagon UTI	O	20 - Description of the goods -	Ship owner	
CIM	20	Wagon UTI	O	20 - Description of the goods -	End of charging date, time	
CIM	20	UTI Wagon	O	20 - Description of the goods -	Delivery reference	
CIM	20	UTI Wagon	O	20 - Description of the goods -	Origin country (text)	
CIM	20	Wagon UTI	O	20 - Description of the goods -	Number of seals	
CIM	20	Good	O	20 - Description of the goods -	HS code	HS-Code for sensible goods (appendix 44c of ccip) 10 digits are needed, if a good code was already assigned for 'Zollanmeldung'. In this case this good code has to be taken. These good codes may have more than 6 digits.
CIM	20	Good	O	20 - Description of the goods -	Description (Text)	Textual description of the loaded good.
CIM	20	Wagon	O	20 - Description of the goods -	Wagon info	Additional information, concerning the goods of the whole wagon. Consignor -> Consignee
CIM	20	Wagon	O	20 - Description of the goods -	Special treatment	Codelist according UIC Leaflet 920.13  Values 11, 12, 13, 14, 21, 22, 23, 24, 25, 26, 41, 42, 43, 44, 45, 46, 74, 75, 76, 77, 99
CIM SMGS	23	Good	M	23 - NHM or GNG code -	code	6 digit NHM/GNG code for wagon loads and for goods inside of UTI.
CIM SMGS	24		M	24 -	Mass as given by the consignor	Indicate - the gross mass of the goods (including packaging) separately by NHM/GNG code - the tare of UTI and containers - the total mass of the consignment. For the SMGS contract of carriage, the total mass is also to be indicated in words. (CIM / SMGS) (M)
CIM SMGS	24	Consignment	M	24 - Mass as given by the consignor -	total mass of the consignment	The total mass of the consignment.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM SMGS	24	Good	M	24 - Mass as given by the consignor -	gross mass of the goods (including packaging)	Indicate the gross mass of the goods (including packaging) separately by NHM/GNG code.
CIM SMGS	24	UTI	O	24 - Mass as given by the consignor -	Tare of UTI or containers	Indicate the tare of UTI and containers.
SMGS	25	Consignment	M	25 - Type of consignment -	Type	Indicate type of consignment by crossing the appropriate box (see SMGS Article 8 § 1).  Possible types of transport: - WLT - CT
CIM SMGS	26	Consignment	O	26 - Customs endorsements -	Text/Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).	Box reserved for endorsements by customs authorities or a consignor authorised by customs.
SMGS	27	Good	C	27 - Declaration of value -	Declaration of value	Declaration of value: Declaration of the value of the goods in accordance with SMGS Article 10.
CIM	28	Consignment	M	28 - Place and date completed -	Place	Place and date (year, month, day) at which the consignment note was made out.
CIM	28	Consignment	M	28 - Place and date completed -	date (year, month, day)	Place and date (year, month, day) at which the consignment note was made out.
CIM SMGS	29	Consignment	M	29 - Reconsignment point -	Reconsignment point	Indicate reconsignment point in accordance with Appendix 3 of this manual. This reconsignment point is simultaneously - For CIM -> SMGS traffic: CIM delivery point and SMGS forwarding station, - For SMGS -> CIM traffic: SMGS destination station and CIM acceptance point.
SMGS CIM	30	Consignment	M	30 - Point and time of reconsignment -	Point and time of reconsignment	Indicate the actual reconsignment point and the time of acceptance of the goods and the CIM/SMGS consignment note by the following carrier at the reconsignment point.
SMGS	38	Good	C	38 - Mass determined by the railway -	Mass determined by the railway	Indicate the mass of the goods as determined by the railway if mass is determined by the SMGS forwarding railway.
CIM	39	Consignment	O	39 -	Examination	Indicate the results of the examination and the identity of the carrier (abbreviation or code) carrying it out (see CIM Article 11 §§ 2 and 3).

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	39	Consignment	M	39 - Examination -	carrier	Indicate the identity of the carrier (abbreviation or code) carrying it out the examination (see CIM Article 11 §§ 2 and 3). Use 4-digit code according to uic-leaflet 920-1.
CIM	39	Consignment	M	39 - Examination -	Result	Indicate the results of the examination (see CIM Article 11 §§ 2 and 3).
CIM SMGS	48		O	48 - Mass after transshipment -	Mass	After transshipment, the mass of the goods as determined by the carrier or transshipping railway is to be entered. Where transshipment is from one into several wagons, the mass for each wagon is to be given separately.
CIM	49	Consignment	M	49 -	Codes for the charging sections	International codes for the country and station or point at the beginning and end of the charging section or location at which just charges accrue.
CIM	49	Consignment	O	49 - Codes for the charging sections -	Start station point code	International code of the station or point at the beginning or location at which just charges accrue.
CIM	49	Consignment	C	49 - Codes for the charging sections -	Start country code	International code for the country where charges accrue.  IF ('49/Codes for the charging sections/Start station point code' is set) THEN Mandatory ELSE not allowed
CIM	49	Consignment	O	49 - Codes for the charging sections -	End station point code	International code at the end of the charging section or location at which just charges accrue.
CIM	49	Consignment	C	49 - Codes for the charging sections -	End country code	International codes for the country at the end of the charging section.  IF ('49/Codes for the charging sections/End station point code' is set) THEN Mandatory ELSE not allowed
CIM	50	Consignment	O	50 - Route code -	code	Route code when the customer agreement or the tariff applied provides for it.



CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	51	Consignment	M	51 - NHM code -	code	NHM code determining the charges (need not necessarily correspond to that entered in box 23).
CIM	52	Consignment	C	52 - Currency -	Code	Code for the currency of the amounts shown in the charging section. See point 2 of this appendix.  Proposed use of ISO 4217 currency code.  IF (EXISTS ("57/Unit charge/Code" or "Charges/To be paid by the consignor" or "Charges /To be paid by the consignee")) THEN Mandatory
CIM	53	Consignment	O	53 - Charged mass -	Weight, area or volume of the charged freight	Charged mass, separately by tariff and NHM code. As appropriate the area in m <sup>2</sup> or the volume of the wagon or goods in m <sup>3</sup> if used as the basis for charging.
CIM	54	Consignment	M	54 - Customer agreement or tariff applied -	tariff	Customer agreement or tariff applied.
CIM	55	Consignment	O	55 - Km or Zone -	km	Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.  If this element exists, then element 'Zone' is not allowed.
CIM	55	Consignment	O	55 - Km or Zone -	Zone	Tariff distance, expressed in km or zones, between the stations or points corresponding to the beginning and end of the charging section.  If this element exists, then element 'km' is not allowed.
CIM	56	Consignment	O	56 - Supplements, fees, deductions -	code	Supplements, fees, deductions
CIM	57	Consignment	O	57 - Unit charge -	code	Unit charge, including any supplements and deductions separately by NHM code or a dash where a Customer Agreement with centralised charging applies.
CIM	58	Consignment	O	58 - Charges -	To be paid by the consignor	Description of the charges in accordance with Appendix 3 of the GLV-CIM with the individual amounts.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	58	Consignment	O	58 - Charges -	To be paid by the consignee	Description of the charges in accordance with Appendix 3 of the GLV-CIM with the individual amounts.
CIM	59	Consignment	M	59 -	Prepayment coding	Coding of the instructions for the payment of charges (2 characters for the instruction on payment, 5 x 2 characters for the codes of the charges to be paid by the consignor, 2 characters for the country code + 6 characters for the station code ("up to ...").
CIM	59	Consignment	M	59 - Prepayment coding -	Payment instruction code	Coding for the instruction on payment.
CIM	59	Consignment	C	59 - Prepayment coding -	Additional charges code	Coding of the charges to be paid by the consignor. Codelist as listed in appendix 3 of GLV-CIM.  Mandatory if "Prepayment coding/Payment instruction code" point out that the consignor pays the charges until a route's intermediate point.
CIM	59	Consignment	C	59 - Prepayment coding - Carriage paid up to -	station code	Coding of the station ("up to ...").  Mandatory if "Prepayment coding/Payment instruction code" points out that the consignor pays the charges until a route's intermediate station.
CIM	59	Consignment	C	59 - Prepayment coding - Carriage paid up to -	border code	Coding of the border point ("up to ...").  Mandatory if "Prepayment coding/Payment instruction code" points out that the consignor pays the charges until a route's intermediate border point.
CIM	59	Consignment	C	59 - Prepayment coding - Carriage paid up to -	country code	UIC country code  Mandatory if "Prepayment coding/Payment instruction code" points out that the consignor pays the charges until a route's intermediate point.
CIM	59	Consignment	C	59 - Prepayment coding - Carriage paid up to -	Additional charges description	
CIM	60	Consignment	M	60 -	Route	Details of the actual route using frontier codes. It may be complemented by the route in plain text. Where there have been circumstances preventing carriage, indicate the new route as necessary with the endorsement "diverted because of ...".

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	60	Consignment		60 - Route -	Special Treatment/Code	Codelist "Special Treatments"
CIM	60		O	60 - Route -	Diversion (Text)	Where there have been circumstances preventing carriage, indicate the new route as necessary with the endorsement "diverted because of ...".
CIM	60	Consignment	M	60 - Route -	Service Point	Point where the SpecialTreatment is done
CIM	60	Consignment	M	60 - Route - ServicePoint -	Station code	Station code of service point.
CIM	60	Consignment	M	60 - Route - ServicePoint -	Border-crossing Code	Border code of border-crossing-point(s)
CIM	60	Consignment	M	60 - Route - ServicePoint -	Border code	Border code of service point.
CIM	60	Consignment	M	60 - Route - ServicePoint -	Country Code	Country code of service point.
CIM	60	Consignment	C	60 - Route -	Sequence Number	Sequential number of each route-item to determine the exact order of the route. This is needed for customs purposes.  IF (more than 1 route entry) THEN Mandatory ELSE Optional
CIM	60	Consignment	O	60 - Route -	RIP-Code	Codelist: UIC-leaflet 428-1 Routing in relation to country borders. 'Route-Code'.
CIM	61	Consignment	O	61 -	Customs procedures	Name and code for the station in which the formalities required by customs or other administrative authorities are to be undertaken.
CIM	61	Consignment	M	61 - Customs procedures -	Station name	Name for the station in which the formalities required by customs or other administrative authorities are to be undertaken.
CIM	61	Consignment	M	61 - Customs procedures -	Station code	Code for the station in which the formalities required by customs or other administrative authorities are to be undertaken.
CIM	61	Consignment	M	61 - Customs procedures -	country code	Country code for the station in which the formalities required by customs or other administrative authorities are to be undertaken.
CIM	62	Consignment	O	62 -	CIM formal report no.	Details of the number of the report form, the date it was made out (month, day) and the code of the carrier who made it out.
CIM	62	Consignment	M	62 - CIM formal report no. -	Number	Number of the report form.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	62	Consignment	M	62 - CIM formal report no. -	carrier (code)	Code of the carrier who made the report out.
CIM	62	Consignment	M	62 - CIM formal report no. -	date of creation (month, day)	Date when the report was made out (month, day).
CIM	63	Consignment	O	63 -	CIM extension of transit period	Where the transit period is extended in accordance with CIM Article 16 § 4, enter the code for the cause, the beginning and the end (month, day, hour) and the location of the extension: Code Meaning 1 Completion of formalities required by customs or other administrative authorities (CIM Article 15) 2 Examination of the consignment (CIM Article 11) 3 Amendment of the contract of carriage (CIM Article 18) 4 Circumstances preventing carriage (CIM Article 20) 5 Circumstances preventing delivery (CIM Article 21) 6 Attention to be given to the consignment 7 Rectification of the load following unsatisfactory loading by the consignor 8 Transhipment following unsatisfactory loading by the consignor 9 Other causes: ... Carrier's or substitute carrier's declarations: (CIM) (C)
CIM	63	Wagon	M	63 - CIM extension of transit period -	Code of cause	Where the transit period is extended in accordance with CIM Article 16 § 4, enter the code for the cause: Code 1 Completion of formalities required by customs or other administrative authorities (CIM Article 15) 2 Examination of the consignment (CIM Article 11) 3 Amendment of the contract of carriage (CIM Article 18) 4 Circumstances preventing carriage (CIM Article 20) 5 Circumstances preventing delivery (CIM Article 21) 6 Attention to be given to the consignment 7 Rectification of the load following unsatisfactory loading by the consignor 8 Transhipment following unsatisfactory loading by the consignor 9 Other causes: ...
CIM	63	Wagon	M	63 - CIM extension of transit period -	Description	Enter the description of code 9.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	63	Wagon	M	63 - CIM extension of transit period -	Location	Where the transit period is extended in accordance with CIM Article 16 § 4, enter the location of the extension.
CIM	63	Wagon	M	63 - CIM extension of transit period -	Beginning (Month, Day, Hour)	Where the transit period is extended in accordance with CIM Article 16 § 4, enter the beginning (month, day, hour) of the extension.
CIM	63	Wagon	M	63 - CIM extension of transit period -	End (Month, Day, Hour)	Where the transit period is extended in accordance with CIM Article 16 § 4, enter the end (month, day, hour) of the extension.
CIM SMGS	64	Consignment	C	64 -	Carrier's or substitute carrier's declarations	<p>Authorisation number for consignments to South-East Asia (see point 14.2.3 of this manual). (SMGS) (C)</p> <p>Agreement number (see point 14.3.1 of this manual). (CIM) (M)</p> <p>Charges note made out on ... (CIM) (C)</p> <p>Charges note returned on ... (CIM) (C)</p> <p>As applicable, carriers declarations such as number of the authorisation to load, reserve with reasons, point, date and time at which the goods were accepted if they differ from the information given by the consignor in box 16, agreed delivery time if the details given by the consignor in box 7 are not correct, name and address of the carrier to whom the goods have been actually handed over if not the contractual carrier. (CIM) (C)</p> <p>Reservations with reasons are to be entered in code (see the table below), in the following manner "reserve with reason no. ...". Where codes 2, 3, 4, 11 and 12, are used, details of the reserve must be given.</p> <p>Code Meaning</p> <p>1 Without packaging.</p> <p>2 Packaging damaged: ... (give details).</p> <p>3 Inadequate packaging: ... (give details).</p> <p>Goods</p> <p>4.1 - clearly in poor condition: ... (give details),</p> <p>4.2 - damaged: ... (give details),</p> <p>4.3 - wet: ... (give details),</p> <p>4.4 - frozen: ... (give details).</p> <p>5 Loaded by the consignor.</p> <p>6 Loaded by the carrier in inclement weather at the request of the consignor.</p> <p>7 Unloaded by the consignee.</p> <p>8 Unloaded by the carrier in inclement weather at the request of the consignee.</p> <p>Impossible to make the examination in accordance with CIM Article 11 § 3 because of:</p>

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
						<p>9.1 - inclement weather,            9.2 - sealing of the wagon or UTI,            9.3 - impossible to access the load of the wagon or UTI,            10 Request for examination in accordance with CIM Article 11 § 3 presented late by the consignor.            11 Examination not made because of a shortage of resources: ... (give details). (CIM) (C)            12 Other reserves: ... (give details). (CIM / SMGS) (C)</p> <p>IF (CIM) THEN at least Agreement number must be specified.</p>
SMGS	64	Consignment	O	64 - Carrier's or substitute carrier's declarations -	Authorisation number	Authorisation number for consignments to South-East Asia (see point 14.2.3 of this manual).
CIM	64	Consignment	M	64 - Carrier's or substitute carrier's declarations -	Agreement number	Agreement number (see point 14.3.1 of this manual).
CIM SMGS	64	Consignment	O	64 - Carrier's or substitute carrier's declarations - Reservations -	Code	<p>Reservations with reasons are to be entered in code (see the table below). Where codes 2, 3, 4, 11 and 12, are used, details of the reserve must be given.</p> <p>Codes</p> <p>1 Without packaging.            2 Packaging damaged: ... (give details).            3 Inadequate packaging: ... (give details). Goods            4.1 - clearly in poor condition: ... (give details),            4.2 - damaged: ... (give details),            4.3 - wet: ... (give details),            4.4 - frozen: ... (give details).            5 Loaded by the consignor.            6 Loaded by the carrier in inclement weather at the request of the consignor.            7 Unloaded by the consignee.            8 Unloaded by the carrier in inclement weather at the request of the consignee. Impossible to make the examination in accordance with CIM Article 11 § 3 because of:            9.1 - inclement weather,            9.2 - sealing of the wagon or UTI,            9.3 - impossible to access the load of the wagon or UTI,</p>

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
						10 Request for examination in accordance with CIM Article 11 § 3 presented late by the consignor. 11 Examination not made because of a shortage of resources: ... (give details). (CIM) (C) 12 Other reserves: ... (give details). (CIM / SMGS) (C)
CIM SMGS	64	Consignment	C	64 - Carrier's or substitute carrier's declarations - Reservations -	Details	When reservations with code 2, 3, 4, 11 or 12, are used, details of the reserve must be given.  IF (reservation code IN [2, 3, 4, 11, 12]) THEN Mandatory
CIM	64	Consignment	O	64 - Carrier's or substitute carrier's declarations - Different acceptance -	Point	Point where the goods were accepted if it differs from the information given by the consignor in box 16.
CIM	64	Consignment	C	64 - Carrier's or substitute carrier's declarations - Different acceptance -	Date	Date when the goods were accepted if the point differs from the information given by the consignor in box 16.  IF (EXISTS ("Different acceptance/Point")) THEN Mandatory
CIM	64	Consignment	O	64 - Carrier's or substitute carrier's declarations -	Agreed delivery time	Agreed delivery time if the details given by the consignor in box 7 are not correct.
CIM	64	Consignment	O	64 - Carrier's or substitute carrier's declarations -	Number of authorisation to load	Number of the authorisation to load.
CIM	64	Consignment	O	64 - Carrier's or substitute carrier's declarations -	Charges note made out on	Charges note made out on ...
CIM	64	Consignment	O	64 - Carrier's or substitute carrier's declarations -	Charges note returned on	Charges note returned on ...
CIM	64	Consignment	O	64 - Carrier's or substitute carrier's declarations -	MRN	Used for customs purposes for NCTS-Rail.
CIM	64	Consignment	O	64 - Carrier's or substitute carrier's declarations -	carrier	Name and code of the carrier to whom the goods have been actually handed over if not the contractual carrier.
CIM	64	Consignment	M	64 - Carrier's or substitute carrier's declarations - carrier -	Name	Name of the carrier to whom the goods have been actually handed over if not the contractual carrier.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	64	Consignment	M	64 - Carrier's or substitute carrier's declarations - carrier -	Street	Street of the carrier to whom the goods have been actually handed over if not the contractual carrier.
CIM	64	Consignment	M	64 - Carrier's or substitute carrier's declarations - carrier -	Streetnumber	Streetnumber of the carrier to whom the goods have been actually handed over if not the contractual carrier.
CIM	64	Consignment	M	64 - Carrier's or substitute carrier's declarations - carrier -	City	City code of the carrier to whom the goods have been actually handed over if not the contractual carrier.
CIM	64	Consignment	M	64 - Carrier's or substitute carrier's declarations - carrier -	ZIP Code	ZIP code of the carrier to whom the goods have been actually handed over if not the contractual carrier.
CIM	64	Consignment	M	64 - Carrier's or substitute carrier's declarations - carrier -	Country	Country of the carrier to whom the goods have been actually handed over if not the contractual carrier.  Codelist: UIC country code?
CIM	65	Consignment	O	65 -	Other carriers	Undertaking code and optionally name and postal address of carriers other than the contractual carrier; section to be performed in code and optionally in plain text; status of carriers (1 = successive carrier, 2 = substitute carrier). This box is to be filled out by the forwarding carrier but only if carriers other than the contractual carrier participate in the performance of the carriage.
CIM	65	Consignment	M	65 - Other carriers -	Undertaking code	Undertaking code of carriers other than the contractual carrier.  4-digit code according to uic-leaflet 920-1
SMGS CIM	65	Consignment	C	65 - Other carriers -	Sequence number	Technical field for maintaining the correct sequence of the participating RUs. Needed for customs purposes.  IF (more than 1 carrier involved) THEN Mandatory
CIM	65	Consignment	M	65 - Other carriers -	Status carrier	Status of carriers (0 = contractual carrier, 1 = successive carrier, 2 = substitute carrier).



CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	65	Consignment	O	65 - Other carriers -	postal address	Optionally name and postal address of carriers other than the contractual carrier.
CIM	65	Consignment	M	65 - Other carriers - postal address -	Name	Name of carriers other than the contractual carrier.
CIM	65	Consignment	M	65 - Other carriers - postal address -	ZIP Code	ZIP code of carriers other than the contractual carrier.
CIM	65	Consignment	M	65 - Other carriers - postal address -	City	Name of carriers other than the contractual carrier.
CIM	65	Consignment	M	65 - Other carriers -	Start Station or Bordercrossing/ code	Code of start station / bordercrossing point.
CIM	65	Consignment	M	65 - Other carriers -	Start Station or Bordercrossing/ name	Name of start station / bordercrossing point.
CIM	65	Consignment	M	65 - Other carriers - Start Station or Bordercrossing -	Start country code	Country code of start Station / Country. UIC Codelist according UIC leaflet 920-14
CIM	65	Consignment	M	65 - Other carriers -	End Station or Bordercrossing/ Code	Code of end station / bordercrossing point.
CIM	65	Consignment	M	65 - Other carriers -	End Station or Bordercrossing/ Name	Name of end station / bordercrossing point.
CIM	65	Consignment	M	65 - Other carriers - End Station or Bordercrossing -	Country code	Country code of end Station / Country. UIC Codelist according UIC leaflet 920-14
CIM	66	Consignment	M	66 - Contractual carrier -	a	a) Undertaking code and optionally name and postal address of the contractual carrier plus signature. The signature may be replaced by a stamp, an accounting machine entry or in any other appropriate manner. (CIM) (M)
CIM	66	Consignment	M	66 - Contractual carrier -	Contractual carrier Code	Undertaking code of the contractual carrier. uic-leaflet 920-1

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
CIM	66	Consignment	M	66 - Contractual carrier -	Signature	Signature of the contractual carrier. The signature may be replaced by a stamp, an accounting machine entry or in any other appropriate manner.
CIM	66	Consignment	O	66 - Contractual carrier -	Name	Name of the contractual.
CIM	66	Consignment	O	66 - Contractual carrier -	City	Optionally postal address of the contractual carrier.
CIM	66	Consignment	O	66 - Contractual carrier -	ZIP code	Optionally postal address of the contractual carrier.
CIM	66	Consignment	O	66 - Contractual carrier -	Country code	Optionally postal address of the contractual carrier.
CIM	66	Consignment	O	66 - Contractual carrier -	b	b) By marking a cross in the box, the contractual carrier, having his registered office in the European Community (EC) or in another contracting party of the EC/EFTA Convention on a Common Transit Procedure, requests that the simplified transit procedure for rail defined by Articles 414 to 425, 441 and 442 of the implementing provisions for the Community Customs Code (Regulation EEC/2454/93) (or the corresponding provisions of the EC/EFTA Convention on a Common Transit Procedure) be applied. He thus certifies that all the carriers taking part in the carriage including, if applicable, substitute carriers, are authorised to apply the simplified transit procedure for rail. The contractual carrier thus becomes the principal to the transit movement.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
						If the contractual carrier does not have his registered office in the European Community or in another Member State of the EC/EFTA Convention on a Common Transit Procedure, he is to ask for the application of the simplified transit procedure for rail in the name and for the account of the carrier that first takes over the goods in a Member State of the European Union. He thus certifies that that carrier and all the carriers following including, if applicable, substitute carriers, are authorised to apply the simplified transit procedure for rail. That carrier thus becomes the principal to the rail simplified transit movement. His code may only be used by the contractual carrier when he is authorised to do so. See point 15.1 of this manual for details of entries to be made in boxes 66 a) and b) for SMGS -> CIM traffic.
CIM	66	Consignment	O	66 - Contractual carrier -	Simplified transit procedure	Only necessary, when the simplified transport procedure (STP) shall be used.  0: no STP 1: use STP
CIM	66	Consignment	M	66 - Contractual carrier -	Simplified transit procedure Principal code	4-digit code according to uic-leaflet 920-1
CIM	67	Wagon	O	67 - Date of arrival -	Arrival number	At the destination station the carrier may add an arrival number.
SMGS	67	Wagon	M	67 - Date of arrival -	Date stamp	Date stamp of the destination station after arrival of the goods.
CIM	68	Consignment	O	68 - Made available -	Date (Month, Day, Hour)	Time (month, day, hour) that consignment is made available to the consignee. This information on the consignment note may be replaced by another means.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS CIM	69	Consignment	M	69 - Consignment number -	Station code	Identification number of the consignment [country and station code, code for the forwarding carrier or substitute carrier (only when the consignment is consigned in a CIM state), and consignment number].
CIM	69	Consignment	M	69 - Consignment number -	Carrier code	Identification number of the consignment [country and station code, code for the forwarding carrier or substitute carrier (only when the consignment is consigned in a CIM state), and consignment number].
CIM SMGS	69	Consignment	M	69 - Consignment number -	Consignment number	Identification number of the consignment [country and station code, code for the forwarding carrier or substitute carrier (only when the consignment is consigned in a CIM state), and consignment number].
SMGS CIM	69	Consignment	M	69 - Consignment number -	Country code	Identification number of the consignment [country and station code, code for the forwarding carrier or substitute carrier (only when the consignment is consigned in a CIM state), and consignment number].
SMGS	70	Consignment	M	70 - Date stamp of the forwarding station -	Stamp	Date stamp of the forwarding station: Date stamp of the forwarding station after acceptance of the goods and the consignment note. Acts as proof of the completion of the contract of carriage.
CIM	71	Consignment	C	71 - Acknowledgement of receipt -	Signature	Signature of the consignee at the time of delivery. Acknowledging receipt on the consignment note itself may be replaced by another means. Mandatory in the return message from the last carrier
CIM	71	Consignment	C	71 - Acknowledgement of receipt -	Date	Date of delivery. Mandatory in the return message from the last carrier.
SMGS	73		M	73 - Traffic -	Traffic	Abbreviations for the forwarding and destination railways in accordance with point 3 of this appendix. The codes for the forwarding and destination railways are to be entered in accordance with point 4 of this appendix.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS	74		M	74 - Charging sections -	Charging sections	Charging sections are intended for the calculation of charges i.e. - Section 74 for the forwarding railway's charges - Sections 75 - 77 for transit railways' charges - Section 78 for the destination railway's charges. The stations at the beginning and end of each charging section are to be specified. Ancillary charges and other charges are to be entered with the appropriate code in accordance with SMGS Appendix 12.5.2.
SMGS	75		M	75 - Charging sections -	Charging sections	Sections for transit railways' charges
SMGS	76		M	76 - Charging sections -	Charging sections	Sections for transit railways' charges
SMGS	77		M	77 - Charging sections -	Charging sections	Sections for transit railways' charges
SMGS	78		M	78 - Charging sections -	Charging sections	Section for the destination railway's charges
SMGS	80		M	80 - Item no. -	Item no.	Group, number, point number or item number or the item number of the goods in accordance with the tariff.
SMGS	81		M	81 - Class -	Class	The tariff class to be used is to be given.
SMGS	82		M	82 - Unit charge -	Unit charge	Enter the rate shown in the tariff
SMGS	83		M	83 - Chargeable mass -	Chargeable mass	Enter the mass used as the basis for charging, split by tariff classes.
SMGS	84		M	84 - Numerical coding box -	Numerical coding box	Enter the numerical code corresponding to each charging section, - the forwarding railway and forwarding station, or - the transit railway and its frontier station of entry, or - the destination railway and its frontier station of entry.
SMGS	85		M	85 - Numerical coding box -	Numerical coding box	Enter the numerical code corresponding to each charging section, - the forwarding railway and its frontier station of exit, or - the transit railway and its frontier station of exit, or - the destination railway and destination station.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS	86		M	86 - Km -	Km	The tariff distance is to be entered.
SMGS	87		M	87 - Tariff -	Tariff	The number of the tariff used.
SMGS	88		M	88 - Charges to be paid by the consignor -	Charges to be paid by the consignor	Pre-printed on paper consignment notes and stored in the data record of the electronic consignment note.
SMGS	89		M	89 - Charges to be paid by the consignee -	Charges to be paid by the consignee	Pre-printed on paper consignment notes and stored in the data record of the electronic consignment note.
SMGS	90		M	90 - Amount in -	Amount in	Enter the currency of the transit tariff.
SMGS	91		M	91 - Amount in -	Amount in	Enter the currency in which charges to be paid by the consignor are to be raised. Numerical coding box: to be completed in accordance with the instructions of the forwarding railway.
SMGS	92		M	92 - Amount in -	Amount in	Enter the currency of the transit tariff.
SMGS	93		M	93 - Amount in -	Amount in	Enter the currency in which charges to be paid by the consignee are to be raised. Numerical coding box: to be completed in accordance with the instructions of the destination railway.
SMGS	94		M	94 - Charges -	Charges	Charges to be raised from the consignor in the tariff currency.
SMGS	95		M	95 - Charges -	Charges	Charges to be raised from the consignor in the invoicing currency.
SMGS	96		M	96 - Charges -	Charges	Charges to be raised from the consignee in the tariff currency.
SMGS	97			97 - Charges -	Charges	Charges to be raised from the consignee in the invoicing currency.
SMGS	98			98 - Total amount of ancillary and other charges -	Total amount of ancillary and other charges	Total amount of ancillary and other charges to be raised from the consignor in the tariff currency .
SMGS	99			99 - Total amount of ancillary and other charges -	Total amount of ancillary and other charges	Total amount of ancillary and other charges to be raised from the consignor in the invoicing currency.
SMGS	100			100 - Total amount of ancillary and other charges -	Total amount of ancillary and other charges	Total amount of ancillary and other charges to be raised from the consignee in the tariff currency.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS	101			101 - Total amount of ancillary and other charges -	Total amount of ancillary and other charges	Total amount of ancillary and other charges to be raised from the consignee in the invoicing currency.
SMGS	102			102 - Total -	Total	Total of boxes 94 and 98.
SMGS	103			103 - Total -	Total	Total of boxes 95 and 99 in charging section 74. In charging sections 75 to 78, amount in box 102 to be paid by the consignor expressed in the invoicing currency.
SMGS	104			104 - Total -	Total	Total of boxes 96 and 100.
SMGS	105			105 - Total -	Total	Total of boxes 97 and 101 in charging section 78. In charging sections 74 to 77, amount in box 104 to be paid by the consignee expressed in the invoicing currency.
SMGS	106			106 - Total -	Total	Total of boxes 102 (Total amount to be raised from the consignor in the tariff currency).
SMGS	107			107 - Total -	Total	Total of boxes 102 (Total amount to be raised from the consignor in the tariff currency).
SMGS	107			107 - Total amount to be raised from the consignor (in words) -	Total amount to be raised from the consignor (in words)	Total of boxes 103 (Total amount to be raised from the consignor in the invoicing currency).
SMGS	108			108 - Grand total -	Grand total	Total amount to be raised from the consignor (in words): Enter the total charges to be raised from the consignor in accordance with box 107 in the invoicing currency, confirmed by the signature of the railway official.
SMGS	109			109 - Grand total -	Grand total	Grand total of boxes 104 (Total amount to be raised from the consignee in the tariff currency).
SMGS	109			109 - Total amount to be raised from the consignee (in words) -	Total amount to be raised from the consignee (in words)	Grand total of boxes 105 (Total amount to be raised from the consignee in the invoicing currency).
SMGS	110			110 - Exchange rate -	Exchange rate	Rates used by the forwarding and destination railway to convert the amounts shown in boxes 102 and 104.

CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
SMGS	111			111 - Remarks concerning charging -	Remarks concerning charging	As appropriate, remarks relating to the calculation and raising of charges, such as - payment of charges, derogating from SMGS Article 15 or point 11 of this manual - permitted axle load, derogating from SMGS Article 8 - declared value of the goods in the tariff currency (in words).
SMGS	112			112 - To be raised additionally from the consignor -	To be raised additionally from the consignor	Amounts calculated by transit railways which are to be raised from the consignor.
SMGS	119			119 - Stamp of the weighing station -	Stamp of the weighing station	Confirmation of the mass shown in box 38 by the stamp of the weighing station and the signature of the weighbridge supervisor.
SMGS	113			113 - Railway endorsements -	Railway endorsements	As appropriate, remarks concerning carriage of the goods such as - Amendment of the contract by the consignor or consignee. - Notification of circumstances preventing carriage or delivery. - Completion of invoice sheets after consignment.
SMGS	114			114 - SMGS formal report -	SMGS formal report	This field is to be completed if a formal report in accordance with SMGS Article 18 is made out.
SMGS	115			115 - SMGS extension of transit period -	SMGS extension of transit period	Where the transit time is extended in accordance with SMGS Article 14 § 5, the station extending the transit time, the reason and the extent of the extension are to be entered. The following codes are to be used for the cause of delay: Code Meaning 1 Completion of customs and other formalities. 2 Checking the contents of the consignment. 3 Checking the mass. 4 Checking the number of items. 5 Amending the contract. 6 Circumstances preventing carriage. 7 Attention to animals (e.g. exercising, watering, veterinary attention). 8 Reicing of refrigerated wagons.



CN-Type	CIM/SMGS field no.	Level	Required	Path	Name	Documentation
						9 Making good the load or the packaging in so far as the consignor was at fault. 10 Transhipping the goods in so far as the consignor was at fault. 11 Other causes: ... (the cause is to be given in plain text).
SMGS	116		M	116 - Frontier station stamps -	Frontier station stamps	Frontier station date stamps in journey order.
SMGS	117		M	117 - Notification to the consignee of the arrival of the goods -	Notification to the consignee of the arrival of the goods	Date and time of the notification to the consignee of the arrival of the goods at the destination station. The internal regulations of the destination railway may specify an alternative procedure for providing the information contained in this box.
SMGS	118		M	118 - Delivery of the goods to the consignee -	Delivery of the goods to the consignee	Confirmation of the delivery of the goods to the consignee by the date stamp of the destination station and the receipt of the goods by the signature of the consignee.
SMGS	119		M	119 - Stamp of the weighing station -	Stamp of the weighing station	Confirmation of the mass shown in box 38 by the stamp of the weighing station and the signature of the weighbridge supervisor.



#### 4 Message data catalogue and message structure

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
UNB+UNOA:1+ GVCMP::HOST+ 111111111111::HOST+ 031023:0951+ 123456789++ IFTMIN001++++ 1'	Symbols and the version of standard, which are used Consignor code (GVCMP::HOST) Consignee code (111111111111::HOST) Date and time of electronic message compilation (031023:0951) Unique attribute identifying transmission batch(123456789) Application attribute (IFTMIN001) Test identifier (1)	With the value of "1" an electronic message is designed for a test. When no electronic test message is concerned, then no test identifier is used and no values are specified.			
UNH+N+IFTMIN:D:97A:UN:OSJD' N=0062	Electronic message header N= Unique number				0.00.UNH
BGM+720+X+Z' X=C106/1004 Z=1225	Beginning of electronic message X =Consignment number, Z = message function, <b>mandatory (69)</b> CIM/SMGS consignment note box number	Z: 1=annulling – annulled consignment note; 4=alterations– corrected consignment note; 5=replacement–message that replaces the previous one; 9=original–the first copy; 35 = resending the earlier transmitted message.	<b>069</b>	69 - Consignment number - Station code 69 - Consignment number - Carrier code 69 - Consignment number - Consignment number 69 - Consignment number - Country code	0.00.BGM
DTM+143:200310230951:203'	143=Date (time) of acceptance of goods for carriage, <b>mandatory (28,70)</b>		<b>028</b>	28 - Place and date completed - Place 28 - Place and date completed - date (year, month, day)	1.00.DTM

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
			070	70 - Date stamp of the forwarding station - Stamp	
DTM+310:200310230951:203'	Date (time) of delivery of goods to the consignee (68)	Received date/time	068	68 - Made available - Date (Month, Day, Hour)	1.00.DTM
TSR++X::Y+Z' X=C233/7273 Y=C233/7273 Z=C537/4219	X =Service requirements(22), Y= nature of consignment (25), Z= transportation speed ( )mandatory	X : 1=loading is made by railway; 4= loading is made by consignor. Y : 2=wagonload, 3 = small consignments, 4=container transportation (also indicated in the EQA segment) 5=exceptional consignment (21). Z : 1=high speed; 3=low speed..	022		1.00.TSR
			025	25 - Type of consignment - Type	
			021		
CUX+1:X+3:Y+Z' X=C504/6345 Y=C504/6345 Z=5402	X=Sum: transit tariff currency is indicated in the sum. (92) Y= Sum: indication of the currency, in which the consignee is levied charge, the numerical code box is filled in at the instruction of the destination railway (93)		092	92 - Amount in - Amount in	1.00.CUX
			093	93 - Amount in - Amount in	
CUX+1:X+7:Y+Z' X=C504/6345 Y=C504/6345 Z=5402	X= Sum: transit tariff currency is indicated in the sum. (90) Y= Sum: the currency is indicated, in which the consignor is levied charge, the numerical code box is filled in at the instruction of the forwarding railway. (91)		090	90 - Amount in - Amount in	1.00.CUX
			091	91 - Amount in - Amount in	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
MOA+77:X:Y' X=C516/5004 Y=C516/6345	Invoice total sum, mandatory	From invoice			1.00.MOA
MOA+151:X:Y' X=C516/5004 Y=C516/6345	Declared value of goods (27)		027	27 - Declaration of value - Declaration of value	1.00.MOA
MOA+22:X:Y' X=C516/5004 Y=C516/6345	Transport charge when consigning	For CIM/SMGS wagon and container note			1.00.MOA
MOA+23:X:Y' X=C516/5004 Y=C516/6345	Additional charges when consigning	For CIM/SMGS wagon and container note			1.00.MOA
MOA+50:X:Y' X=C516/5004 Y=C516/6345	Total amount of charges when consigning	For CIM/SMGS wagon and container note			1.00.MOA
FTX+CHG++X' X=C107/4441	X=Status of conveyance	113=subsequent delivery (goods are in the process of delivery)			1.00.FTX
FTX+ICN+++TEXT' TEXT=C108/4440	Remarks optional for Railway. (Instructions for consignee) <b>mandatory (15)</b>		015	15 - Remarks which do not commit the carrier - Text	1.00.FTX
FTX+DCL+KOD++TEXT' KOD=4453 TEXT=C108/4440	Consignor special remarks <b>mandatory (7)</b>		007	07 - Consignor's declarations 07 - Consignor's declarations - Code 07 - Consignor's declarations - Text	1.00.FTX
FTX+RQR+KOD+X+TEXT'' KOD=4453 X=C107/4441 TEXT=C108/4440	Requested route (of movement) <b>mandatory (13, 60, 50)</b>	Listing the codes of exit and entry stations with «/» symbol X=route code CIM(50)	013	13 - Commercial specification - Code 13 - Commercial specification - Text	1.00.FTX
			050	50 - Route code - code	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
			060	60 - Route 60 - Route - SpecialTreatment/Code 60 - Route - Diversion (Text) 60 - Route - ServicePoint 60 - Route - ServicePoint - Station code 60 - Route - ServicePoint - BordercrossingCode 60 - Route - ServicePoint - Border code 60 - Route - ServicePoint - CountryCode 60 - Route - SequenceNumber 60 - Route - RIP-Code	
FTX+ABX+++TEXT' TEXT=C108/4440	CIM/SMGS consignment note (37)	Document name	037		1.00.FTX
FTX+CUR+KOD++TEXT' KOD=4453 TEXT=C108/4440	Carrier remarks (64)	Customer remarks (supplier of services)	064	64 - Carrier's or substitute carrier's declarations 64 - Carrier's or substitute carrier's declarations - Authorisation number 64 - Carrier's or substitute carrier's declarations - Agreement number 64 - Carrier's or substitute carrier's declarations - Reservations - Code 64 - Carrier's or substitute carrier's declarations - Reservations - Details 64 - Carrier's or substitute carrier's declarations - Different acceptance - Point 64 - Carrier's or substitute carrier's declarations - Different acceptance - Date 64 - Carrier's or substitute carrier's declarations - Agreed	1.00.FTX

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				delivery time 64 - Carrier's or substitute carrier's declarations - Number of authorisation to load 64 - Carrier's or substitute carrier's declarations - Charges note made out on 64 - Carrier's or substitute carrier's declarations - Charges note returned on 64 - Carrier's or substitute carrier's declarations - MRN 64 - Carrier's or substitute carrier's declarations - carrier - Name 64 - Carrier's or substitute carrier's declarations - carrier - Street 64 - Carrier's or substitute carrier's declarations - carrier - Streetnumber 64 - Carrier's or substitute carrier's declarations - carrier - City 64 - Carrier's or substitute carrier's declarations - carrier - ZIP Code 64 - Carrier's or substitute carrier's declarations - carrier - Country	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
FTX+DAR+CIM++TEXT' CIM=4453 TEXT=C108/4440	CIM formal report (62)		062	62 - CIM formal report no. 62 - CIM formal report no. - Number 62 - CIM formal report no. - carrier (code) 62 - CIM formal report no. - date of creation (month, day)	1.00.FTX
FTX+DAR+++TEXT' TEXT=C108/4440	SMGS formal report (114)		114	114 - SMGS formal report - SMGS formal report	1.00.FTX
FTX+ACB+CIM+NN+TEXT' CIM=4453 NN=C107/4441 TEXT=C108/4440	CIM prolongation of delivery (63)	NN=reason code	063	63 - CIM extension of transit period 63 - CIM extension of transit period - Code of cause 63 - CIM extension of transit period - Description 63 - CIM extension of transit period - Location 63 - CIM extension of transit period - Beginning (Month, Day, Hour) 63 - CIM extension of transit period - End (Month, Day, Hour)	1.00.FTX
FTX+ACB++NN+TEXT' NN=C107/4441 TEXT=C108/4440	SMGS prolongation of delivery (115)	NN= code of reason for changing the delivery date	115	115 - SMGS extension of transit period - SMGS extension of transit period	1.00.FTX
FTX+TRA+++TEXT' TEXT=C108/4440	Railway remarks (113)	Transportation information	113	113 - Railway endorsements - Railway endorsements	1.00.FTX
FTX+ADU+++TEXT' TEXT=C108/4440	Remarks	For CIM/SMGS wagon and container note			1.00.FTX



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
DOC+811:::Document number, dated as + continuation Document number, dated as : Z' DOC+KOD:::TEXT1+TEXT2:Z' KOD=C002/1001 TEXT1=C002/1000 TEXT2 =C503/1004 Z=C503/1373	Documents attached by consignor (Consignor accompanying documents), Z = Documents type (paper/electronic),mandatory (9)	UN/EDIFACT 97A versionaddress: <a href="http://www.unece.org/etrades/">www.unece.org/etrades/</a> 3 = quality certificate 6 = specification 271 = package note 311 = quotas 380 = invoice 811 = export license 833 = declaration (consignment) 841 = product certificate 851 = phytosanitary certificate 853 = veterinary health certificate 861 = certificate of origin 911 = import license 933 = declaration (arrival) 935 = invoice 954 = EUR1 certificate. ----- Z : 2=accompanying documents (paper format); 4=message for electronic interchange.	009	09 - Documents attached by the consignor 09 - Documents attached by the consignor – Code 09 - Documents attached by the consignor - Text	1.00.DOC

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
LOC+Y+XXNNNNNN:37:ZZZ:TEXT' Y=3227 XXNNNNNN=C517/3225 ZZZ=C517/3055 TEXT=C517/3224	Border crossing station, via which goods were moved (border stations stamps) (116) Station and railway destination (67) Calendar stamp print of destination station after arrival of goods.	Y: 17= border crossing point  8=destination station Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE). 37= railway station attribute ZZZ = organization, which is responsible for administration of stations codes	116	116 - Frontier station stamps - Frontier station stamps	1.01.LOC
DTM+219:200310230951:203'	Date (time) of crossing the border station ( <b>116</b> ) <b>Crossborder date/time</b>	Indicated are pairs of LOC и DTM segments for each crossed border station.	116	116 - Frontier station stamps - Frontier station stamps	2.01.DTM
DTM+137:200310230951:203'	Date (time) of notification of consignee on arrival of goods (117) Document/message date/time	Indicated are pairs of LOC and DTM segments for destination station.	117	117 - Notification to the consignee of the arrival of the goods - Notification to the consignee of the arrival of the goods	2.01.DTM
DTM+178:200310230951:203'	Date (time) of arrival at destination station (67) Arrival date/time	Indicated are pairs of LOC and DTM segments for SMGS destination station.	067	67 - Date of arrival - Arrival number 67 - Date of arrival - Date stamp	2.01.DTM
TOD+6++SD'	Circumstances of delivery <b>mandatory</b>	SD = delivery at destination station;HD = delivery at place (at door).			1.02.TOD

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
RFF+CT:N::Y' N=C506/1154 Y=C506/1156 Z=C506/4000	N=Importer contract number, if Y =1; N=tariff, if Y =2 (14, 54)	According to EDIFACT grammar, if information is missing, then segment is not indicated.	<b>014</b>	14 - Number of customer agreement or tariff 14 - Number of customer agreement or tariff - Type 14 - Number of customer agreement or tariff - Contractnumber 14 - Number of customer agreement or tariff - Code of carrier	<b>1.03.RFF</b>
RFF+AAO:N::Z' N=C506/1154 Z=C506/4000	N=Exporter delivery contract number (or general contract for exporter and importer), (8)	N: 'XXX'=If number is unnown when issuing the consignment note	<b>008</b>	08 - Consignor's reference or contract no. 08 - Consignor's reference or contract no. - contract number 08 - Consignor's reference or contract no. - reference number	<b>1.03.RFF</b>
RFF+CN:N:Z' N=C506/1154 Z=C506/4000	N=Acceptance number to be entered by carrier CIM (67)	CN=Carrier's reference num.ORLRN=Conveyance ref. num.	067	67 - Date of arrival - Arrival number 67 - Date of arrival - Date stamp	<b>1.03.RFF</b>
GOR+1+5:::XXX'	Export (code=1) and customs clearance for export of goods is issued (code=5), mandatory (26)		<b>026</b>	26 - Customs endorsements - Text/Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).	<b>1.04.GOR</b>

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
FTX+AAH++X+TEXT' X=C107/4441 TEXT=C108/4440			026	26 - Customs endorsements - Text/Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).	2.04.FTX
			066	66 - Contractual carrier - a 66 - Contractual carrier - Contractual carrier Code 66 - Contractual carrier – Signature 66 - Contractual carrier – Name 66 - Contractual carrier - City 66 - Contractual carrier - ZIP code 66 - Contractual carrier - Country code 66 - Contractual carrier - b 66 - Contractual carrier - Simplified transit procedure 66 - Contractual carrier - Simplified transit procedure Principal code	
	TEXT = Customs endorsements mandatory (26) X= Simplified procedure Customs code for the railway transport(66) TEXT =EXPORT, if the export formalities for the wagon and UTI have been completed at the customs office of exit of the place where the goods are accepted for carriage in accordance with Article 793 para. 2 (b) Implementing Provisions for the Customs Code. (20)	The segment may be repeated	020	Use remark "EXPORT" if the export formalities for the wagon and UTI have been completed at the customs office of exit of the place where the goods are accepted for carriage in accordance with Article 793 para. 2 (b) Implementing Provisions for the Customs Code.	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
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TDT+21++2'	Data of the first conveyance, mode of transport, <b>mandatory</b>	2=railway conveyance.			1.08.TDT
LOC+Y+XXNNNNNN:37: ZZZ:TEXT' Y=3227 XXNNNNNN=C517/3225 ZZZ=C517/3055 TEXT=C517/3224	Forwarding station and railway, mandatory (16, 17, 73) Forwarding station and railway, mandatory (12, 10,11, 73) Border crossing stations (13)  Customs marks, by code (26,61)  Exit border station of transit railway (13) Exit border station of transit railway (13) Place of re-consignment of goods (29)	Y: 5= consignment point  8= destination point  17= border crossing point  43= customs control station  41= customs on import  42= exit customs control 13= service pointExit border station of transit railway  37= railway station attribute ZZZ = organization, which is responsible for administration of stations codes(With Y=43 this part of the note is omitted)	016          017  012  010  011  013  026	16 - Acceptance point 16 - Acceptance point - Name (Text) 16 - Acceptance point - Station (Text) 16 - Acceptance point - Railway abbreviation 16 - Acceptance point - Date (Month, Day, Hour, Minutes) 16 - Acceptance point - Country  17 - Code for the acceptance point - Code  12 - Station code 12 - Station code - Country (code) 12 - Station code - Station (code)  10 - Delivery point 10 - Delivery point - Name 10 - Delivery point - Country (Text) 10 - Delivery point - Station (Text) 10 - Delivery point - Railway code  11 - Code for the delivery point - Point code  13 - Commercial specification - Code 13 - Commercial specification - Text  26 - Customs endorsements - Text/Movement reference number. Data element in accordance with Regulation (EC) 1875/2006).	2.09.LOC

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
			061	61 - Customs procedures 61 - Customs procedures - Station name 61 - Customs procedures - Station code 61 - Customs procedures - country code	
			029	29 - Reconsignment point - Reconsignment point	
			073	73 - Traffic - Traffic	
DTM+183:200310230951:203'	Consignment date (time) (30)	Date as at Related to a given context	030	30 - Point and time of reconsignment - Point and time of reconsignment	3.09.DTM
NAD+U+X:100+STATUS:ADDIng+T1+T2+T3+T4+Y+Z' U=3035 X=C082/3039 STATUS=C058/3124 ADDIng=C058/3124 T1=C080/3036 T2=C059/3042 T3=3164 T4=3229 Y=3251 Z=3207	Information on the consignee, mandatory (4,5) Information on the consignor, mandatory (1,2) Forwarding agent, mandatory (3)  Transit invoicing (18) Payer of unpaid carriage charges, F(6)  Carrier (65,66, )40-47	Name & address U- descriptor of the party: CN= consignee  CZ= consignorGS=consignor representative (forwarding agent) CTF= section payer CPD= payer of unpaid transport charges CA=contracting carrier, other STATUS=carrier status: 1=subsequent 2=factual 3=contracting 4=train number (CIM)	004	04 – Consignee 04 - Consignee – Name 04 - Consignee - Street street and number or p.o.box 04 - Consignee – Streetnumber 04 - Consignee - City 04 - Consignee - COUNTRY SUB-ENTITY 04 - Consignee - Postal code postcode 04 - Consignee - Country 04 - Consignee – Phonenumber 04 - Consignee - Faxnumber 04 - Consignee - eMail 04 - Consignee – Signature 04 - Consignee – Additional Information	1.11.NAD

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
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			005	05 - Customer code for the consignee - Code	
			001	01 - Consignor 01 - Consignor - Name 01 - Consignor - Street Street and number or p.o. box 01 - Consignor - Streetnumber 01 - Consignor - COUNTRY SUB-ENTITY 01 - Consignor - Postal Code POSTCODE 01 - Consignor - Country (code) 01 - Consignor - City 01 - Consignor - Phonenumber 01 - Consignor - Faxnumber 01 - Consignor - eMail 01 - Consignor - AdditionalInformation 01 - Consignor - Signature	
			002	02 - Customer code for the consignor - Code	
			003	03 - Customer code for the payer of pre-paid charges - Code	
			006	06 - Customer code for the payer of non-pre-paid charges - Code	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
			018	18 - Sectional invoicing 18 - Sectional invoicing - Carrier (code) 18 - Sectional invoicing - Country (code) 18 - Sectional invoicing - Sequence of carriage 18 - Sectional invoicing - carrierAbbreviation 18 - Sectional invoicing - Name of the payer submitting the invoice 18 - Sectional invoicing - Code of the payer submitting the invoice	



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
			065	65 - Other carriers 65 - Other carriers - Undertaking code 65 - Other carriers - Sequence number 65 - Other carriers - Status carrier 65 - Other carriers - postal address 65 - Other carriers - postal address – Name 65 - Other carriers - postal address - ZIP Code65 - Other carriers - postal address - City 65 - Other carriers - Start Station or Bordercrossing/code 65 - Other carriers - Start Station or Bordercrossing/name 65 - Other carriers - Start Station or Bordercrossing - Start country code 65 - Other carriers - End Station or Bordercrossing/Code 65 - Other carriers - End Station or Bordercrossing/Name 65 - Other carriers - End Station or Bordercrossing - Country code	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
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			066	66 - Contractual carrier - a 66 - Contractual carrier - Contractual carrier Code 66 - Contractual carrier – Signature 66 - Contractual carrier – Name 66 - Contractual carrier - City 66 - Contractual carrier - ZIP code 66 - Contractual carrier - Country code 66 - Contractual carrier – b 66 - Contractual carrier - Simplified transit procedure 66 - Contractual carrier - Simplified transit procedure Principal code	
			040		
			041		
			042		
			043		
			044		
			045		
			046		
047					

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
LOC+90+XXNNNNNN:37: ZZZ:TEXT' XXNNNNNN=C517/3225 ZZZ=C517/3055 TEXT=C517/3224	Weighing station (119,)	Station code is indicated by 8 characters: 2 characters-country code (according to Leaflet.920-14) + 6 characters-station code (according to Tariff manual No.4 or ENEE). 37= railway station attribute ZZZ = organization, which is responsible for administration of stations codes (With Y=43 this part of the note is omitted)	119	119 - Stamp of the weighing station - Stamp of the weighing station 119 - Stamp of the weighing station - Stamp of the weighing station	2.11.LOC
CTA+BF+:X' X=C056/3412	X =Weigher's signature, 119	Service contact	119	119 - Stamp of the weighing station - Stamp of the weighing station 119 - Stamp of the weighing station - Stamp of the weighing station	2.12.CTA

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
CTA+CA+:X' X=C056/3412	X =contracting carrier's signature <b>66</b>		<b>066</b>	66 - Contractual carrier - a 66 - Contractual carrier - Contractual carrier Code 66 - Contractual carrier – Signature 66 - Contractual carrier – Name 66 - Contractual carrier – City 66 - Contractual carrier - ZIP code 66 - Contractual carrier - Country code 66 - Contractual carrier – b 66 - Contractual carrier - Simplified transit procedure 66 - Contractual carrier - Simplified transit procedure Principal code	<b>2.12.CTA</b>
CTA+CN+:X' X=C056/3412	X = Consignee's signature <b>71, 118</b>	consignee	<b>071</b>	71 - Acknowledgement of receipt – Signature 71 - Acknowledgement of receipt - Date	<b>2.12.CTA</b>
			<b>118</b>	118 - Delivery of the goods to the consignee - Delivery of the goods to the consignee	
CTA+CC+:X' X=C056/3412	X = Railway staff member's signature. 107',109'	Responsible person	<b>107'</b>		<b>2.12.CTA</b>
			<b>109'</b>		

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
CTA+EB+:X' X=C056/3412	X =Consignor's signature, (1)		001	01 - Consignor 01 - Consignor - Name 01 - Consignor - Street Street and number or p.o. box 01 - Consignor – Streetnumber 01 - Consignor - COUNTRY SUB-ENTITY 01 - Consignor - Postal Code POSTCODE 01 - Consignor - Country (code) 01 - Consignor - City 01 - Consignor – Phonenumber 01 - Consignor - Faxnumber 01 - Consignor - eMail 01 - Consignor - AdditionalInformation 01 - Consignor - Signature	2.12.CTA

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
CTA+IC'	Contact details of the parties to transportation, mandatory (1)		001	01 – Consignor 01 - Consignor – Name 01 - Consignor - Street Street and number or p.o. box 01 – Consignor - Streetnumber 01 - Consignor - COUNTRY SUB-ENTITY 01 - Consignor - Postal Code POSTCODE 01 - Consignor - Country (code) 01 - Consignor - City 01 - Consignor – Phonenumber 01 - Consignor - Faxnumber 01 - Consignor - eMail 01 - Consignor - AdditionalInformation 01 - Consignor - Signature	2.12.CTA

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
COM+N: Z' N=C076/3148 Z=C076/3155	Consignor/consignee contact details(1,4)	N- telephone/fax number, email address Z: TE= telephone FX= fax EM= email address @ =(a)  EI- EDI	<b>001</b>	01 – Consignor 01 - Consignor – Name 01 - Consignor - Street Street and number or p.o. box 01 - Consignor - Streetnumber 01 - Consignor - COUNTRY SUB-ENTITY 01 - Consignor - Postal Code POSTCODE 01 - Consignor - Country (code) 01 - Consignor - City 01 - Consignor - Phonenumber 01 - Consignor – Faxnumber 01 - Consignor - eMail 01 - Consignor - AdditionalInformation 01 - Consignor - Signature	<b>3.12.COM</b>

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
			004	04 – Consignee 04 - Consignee - Name 04 - Consignee - Street street and number or p.o.box 04 - Consignee – Streetnumber 04 - Consignee - City 04 - Consignee - COUNTRY SUB-ENTITY 04 - Consignee - Postal code postcode 04 - Consignee - Country 04 - Consignee - Phonenumber 04 - Consignee – Faxnumber 04 - Consignee – eMail 04 - Consignee - Signature 04 - Consignee – Additional Information	
DOC'					2.13.DOC
DTM+137:200310230951:203'	Consignee notification date (time) about arrival of goods (117)		117	117 - Notification to the consignee of the arrival of the goods - Notification to the consignee of the arrival of the goods	3.13.DTM
DOC'					2.13.DOC
DTM+310:200310230951:203'	Delivery date (time) of goods to consignee (118)		118	118 - Delivery of the goods to the consignee - Delivery of the goods to the consignee	3.13.DTM



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
DOC'					2.13.DOC
DTM+282:200310230951:203'	Date (time) of confirmation of receipt of goods by consignee at delivery (71)	Confirmation date	071	71 - Acknowledgement of receipt - Signature 71 - Acknowledgement of receipt - Date	3.13.DTM
	<b>CIM accounting</b>				
TCC+123::6:TEXT1:X+CLASS:137::TEXT2' TEXT1=C200/8022 X=C200/4237 CLASS=C203/5243 TEXT2=C203/5242	Tariff class (81 )	123=charge description code TEXT1=charge type X= indicator of location for accounting (upon arrival,...) CLASS=tariff class TEXT2= tariff class description	081	81 - Class - Class	2.14.TCC
PRI+CAL:X' X=C509/5118	Tariff rate of transport charge (57)	X= tariff rate of transport charge	057	57 - Unit charge - code	3.14.PRI
MOA+23:X:Y' X=C516/5004 Y=C516/6345	Additional charges, discounts (56)		056	56 - Supplements, fees, deductions - code	3.14.MOA
MOA+122:X:Y' X=C516/5004 Y=C516/6345	Charges (58)		058	58 - Charges - To be paid by the consignor 58 - Charges - To be paid by the consignee	3.14.MOA
QTY+49:X:KM' X=C186/6060	Km/zone (55)	X=tariff distance	055	55 - Km or Zone - km 55 - Km or Zone - Zone	3.14.QTY
CPI+14'	<b>CIM charge payment order</b>	<b>Transport costs</b>			2.16.CPI

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
RFF+CT:N::Y' N=C506/1154 Y=C506/1156	N=Importer contract number,if Y =1; N=tariff, if Y =2 (14, 54)	According to EDIFACT grammar, if information is missing, then segment is not indicated.	014	14 - Number of customer agreement or tariff 14 - Number of customer agreement or tariff – Type 14 - Number of customer agreement or tariff - Contractnumber 14 - Number of customer agreement or tariff - Code of carrier	3.16.RFF
CUX+1:X' X=C504/6345	Currency (52)	X=tariff currency	052	52 - Currency - Code	3.16.CUX
LOC+Y+XXNNNNNN:37:ZZZ:TEXT' Y=3227 XXNNNNNN=C517/3225 ZZZ=C517/3055 TEXT=C517/3224	Section codes for calculating the transport charge (49) International codes of country and station, or crossing point in the beginning or in the end of the route, for which transport charge is calculated, or the name of the station, at which charges are levied.	5= consignment point 8= destination point 17= border crossing point 41= import customs 42= exit customs 13= service point	049	49 - Codes for the charging sections 49 - Codes for the charging sections - Start station point code 49 - Codes for the charging sections - Start country code 49 - Codes for the charging sections - End station point code 49 - Codes for the charging sections - End country code	3.16.LOC
CPI+9'	Charge payment order after reloading For CIM/SMGS wagon and container note	Transport charges up to a specified location			2.16.CPI
MOA+22:X:Y' X=C516/5004 Y=C516/6345	Transport charge after reloading	For CIM/SMGS wagon and container note			3.16.MOA

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
MOA+23:X:Y' X=C516/5004 Y=C516/6345	Transport charge after reloading	For CIM/SMGS wagon and container note			3.16.MOA
MOA+50:X:Y' X=C516/5004 Y=C516/6345	Total amount of charges after reloading	For CIM/SMGS wagon and container note			3.16.MOA
TSR'					2.17.TSR
FTX+MKS+++TEXT' TEXT=C108/4440	Coding of marks on costs payment (2 characters are for payment code, 5 x 2 characters are for the code of charges to be paid by consignor, 2 characters are for country code and 6 characters are for station code (отметка до...). (59)	Additional marks	059	59 - Prepayment coding 59 - Prepayment coding - Payment instruction code 59 - Prepayment coding - Additional charges code 59 - Prepayment coding - Carriage paid up to - station code 59 - Prepayment coding - Carriage paid up to - border code 59 - Prepayment coding - Carriage paid up to - country code 59 - Prepayment coding - Carriage paid up to - Additional charges description	3.17.FTX
FTX+BLR+++TEXT' TEXT=C108/4440	Inspection result (39)	Transport document remarks	039	39 - Examination 39 - Examination - carrier 39 - Examination - Result	3.17.FTX
	Consignor's SMGS accounting				
TCC+123::6:TEXT1:X+CLASS:137::TEXT2' TEXT1=C200/8022 X=C200/4237 CLASS=C203/5243 TEXT2=C203/5242	Tariff class (81)	123=charge description code TEXT1=charge type X= indicator of location for accounting (upon arrival...) CLASS=tariff class TEXT2= tariff class description	081	81 - Class - Class	2.14.TCC

<b>EDIFACT</b>	<b>CIM/SMGS Consignment Note</b>	<b>REMARKS</b>	<b>CIM/SMGS field no.</b>	<b>CIM/SMGS paper elements</b>	<b>Branching Diagram Position</b>
PRI+CAL:X' X=C509/5118	Tariff rate of transport charge (82)	X= Tariff rate of transport charge	<b>082</b>	82 - Unit charge - Unit charge	<b>3.14.PRI</b>
EQN+X' X=C523/6350	Position number (80)	X=номер позиции	<b>080</b>	80 - Item no. - Item no.	<b>3.14.EQN</b>
PCD+X:Y' X=C501/5245 Y=C501/5482	Percentage % of tariff shift	X: 40= percentage of reduction 41= percentage of increase Y=percents	<b>081</b>	81 - Class - Class	<b>3.14.PCD</b>
MOA+24:X:Y' X=C516/5004 Y=C516/6345	Accounting with consignor (88)		<b>088</b>	88 - Charges to be paid by the consignor - Charges to be paid by the consignor	<b>3.14.MOA</b>
MOA+26:X:Y' X=C516/5004 Y=C516/6345	Consignor transport charge in tariff currency (94)		<b>094</b>	94 - Charges - Charges	<b>3.14.MOA</b>
MOA+27:X:Y' X=C516/5004 Y=C516/6345	Consignor transport charge (95)		<b>095</b>	95 - Charges - Charges	<b>3.14.MOA</b>
MOA+28:X:Y' X=C516/5004 Y=C516/6345	Total amount of additional charges (98)		<b>098</b>	98 - Total amount of ancillary and other charges - Total amount of ancillary and other charges	<b>3.14.MOA</b>
MOA+29:X:Y' X=C516/5004 Y=C516/6345	Total amount of additional charges (98)		<b>099</b>	99 - Total amount of ancillary and other charges - Total amount of ancillary and other charges	<b>3.14.MOA</b>
MOA+128:X:Y' X=C516/5004 Y=C516/6345	Total: the sum of boxes 94 and 98. (102)		<b>102</b>	102 - Total - Total	<b>3.14.MOA</b>

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
MOA+131:X:Y' X=C516/5004 Y=C516/6345	Total: the sum of boxes 95 and 99 in section 74 for calculating the transport charge. In sections for calculating the transport charge from 75 to 78 there is the sum of box 102 in the currency, in which consignor is levied charges. (103)		103	103 - Total - Total	3.14.MOA
MOA+132:X:Y' X=C516/5004 Y=C516/6345	Grand total: the sum of boxes 102 (total amount, which consignor is levied, in tariff currency). 106		106	106 - Total - Total	3.14.MOA
MOA+133:X:Y' X=C516/5004 Y=C516/6345	Grand total: the sum of boxes 103 (total amount in currency, in which consignor is levied). 107		107	107 - Total - Total 107 - Total amount to be raised from the consignor (in words) - Total amount to be raised from the consignor (in words)	3.14.MOA
QTY+49:X:KM' X=C186/6060	Km/zone (86)	X=tariff distance	086	86 - Km - Km	3.14.QTY
	Consignee's <b>SMGS accounting</b>				
TCC+123::6:TEXT1:X+CLASS:137::TEXT2' TEXT1=C200/8022 X=C200/4237 CLASS=C203/5243 TEXT2=C203/5242	Tariff class (81)	123=charge description code TEXT1=charge type X= indicator of location for accounting (upon arrival,...) CLASS=tariff class TEXT2= tariff class description	081	81 - Class - Class	2.14.TCC
PRI+CAL:X' X=C509/5118	Tariff rate of transport charge (82)	X= tariff rate of transport charge	082	82 - Unit charge - Unit charge	3.14.PRI
EQN+X' X=C523/6350	Position number (80)	X=position number	080	80 - Item no. - Item no.	3.14.EQN

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
PCD+X:Y' X=C501/5245 Y=C501/5482	Percentage % of tariff shift	X: 40= percentage of reduction 41= percentage of increase Y=percents	081	81 - Class - Class	3.14.PCD
MOA+24:X:Y' X=C516/5004 Y=C516/6345	Accounting with consignee (89)		089	89 - Charges to be paid by the consignee - Charges to be paid by the consignee	3.14.MOA
MOA+26:X:Y' X=C516/5004 Y=C516/6345	Consignee transport charge (in tariff currency 96)		096	96 - Charges - Charges	3.14.MOA
MOA+27:X:Y' X=C516/5004 Y=C516/6345	Consignee transport charge (97)		097	97 - Charges - Charges	3.14.MOA
MOA+28:X:Y' X=C516/5004 Y=C516/6345	Total amount of additional charges (100)		100	100 - Total amount of ancillary and other charges - Total amount of ancillary and other charges	3.14.MOA
MOA+29:X:Y' X=C516/5004 Y=C516/6345	Total amount of additional charges (101)		101	101 - Total amount of ancillary and other charges - Total amount of ancillary and other charges	3.14.MOA
MOA+128:X:Y' X=C516/5004 Y=C516/6345	Total: 104)=96+100		104	104 - Total - Total	3.14.MOA
MOA+131:X:Y' X=C516/5004 Y=C516/6345	Total: (105) the sum of boxes 97 and 101 in section 78 for calculating the transport charge. In sections for calculating the transport charge from 74 to 77 there is the sum of box 104 in the currency, in which consignee is levied charges.		105	105 - Total - Total	3.14.MOA

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
MOA+132:X:Y' X=C516/5004 Y=C516/6345	Grand total: the sum of boxes 104 (total amount, which consignor is levied, in tariff currency). 108		108	108 - Grand total - Grand total	3.14.MOA
MOA+133:X:Y' X=C516/5004 Y=C516/6345	Grand total: the sum of boxes 105 (total amount in currency, in which consignor is levied). 109		109	109 - Grand total - Grand total 109 - Total amount to be raised from the consignee (in words) - Total amount to be raised from the consignee (in words)	3.14.MOA
QTY+49:X:KM' X=C186/6060	Km/zone (86)	X=tariff distance	086	86 - Km - Km	3.14.QTY
<b>CPI+17'</b>	<b>SMGS charge payment order</b>	<b>All costs</b>			2.16.CPI
RFF+CT:N::Y' N=C506/1154 Y=C506/1156	N=Importer contract number, if Y =1; N=tariff, if Y =2 (14, 87)	According to EDIFACT grammar, if information is missing, then segment is not indicated.	014	14 - Number of customer agreement or tariff 14 - Number of customer agreement or tariff - Type 14 - Number of customer agreement or tariff - Contractnumber 14 - Number of customer agreement or tariff - Code of carrier	
CUX+2:X+3:Y+Z' X=C504/6345 Y=C504/6345 Z=5402	Conversion rate (110)	X=currency for conversion Y=target currency Z=currency rate	110	110 - Exchange rate - Exchange rate	3.16.RFF

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
LOC+Y+XXNNNNNN:37: ZZZ:TEXT' Y=3227 XXNNNNNN=C517/3225 ZZZ=C517/3055 TEXT=C517/3224	<b>Sections for calculating transport charges: (74-78) sections for calculating transport charges are designed to compute transport charges, separately for:</b> - Section 74 – consignment railway - Разделы 75 – 77 transit railways - Раздел 78 – destination railway. <b>Herewith in each section it is necessary to indicate names of the initial and final station of the respective section for calculating the transport charge.</b> <b>Additional charges and other costs are indicated with respective numerical code according to Appendix 12.5.2 to SMGS.</b>	5 8 17 41 42 13	074  075  076  077  078	74 - Charging sections - Charging sections 75 - Charging sections - Charging sections 76 - Charging sections - Charging sections 77 - Charging sections - Charging sections 78 - Charging sections - Charging sections	3.16.LOC
LOC+Y+XXNNNNNN:37: ZZZ:TEXT' Y=3227 XXNNNNNN=C517/3225 ZZZ=C517/3055 TEXT=C517/3224	(84) Numerical code box: numerical code is entered into each section for calculating the transport charge, respectively:- of forwarding railway and station or- of transit railway and its exit border station, or- of destination railway and its entry border station	5 8 17 41 42 13	084	84 - Numerical coding box - Numerical coding box	3.16.LOC



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
LOC+Y+XXNNNNNN:37: ZZZ:TEXT' Y=3227 XXNNNNNN=C517/3225 ZZZ=C517/3055 TEXT=C517/3224	(85) Numerical code box: numerical code is entered into each section for calculating the transport charge, respectively: - of forwarding railway and station and its exit border station - of transit railway and its exit border station, or - of destination railway and station	5 8 17 41 42 13	085	85 - Numerical coding box - Numerical coding box	3.16.LOC
MOA+9:X:Y' X=C516/5004 Y=C516/6345	<b>Additional charges to be levied on consignor: transit railways enter those costs in this box, which were not calculated by forwarding railway, but they should have been levied on consignor by it.112</b>		112	112 - To be raised additionally from the consignor - To be raised additionally from the consignor	3.16.MOA
TSR'					2.17.TSR
FTX+ MKS +++TEXT' TEXT=C108/4440	<b>Charges accounting marks: (111) if necessary, marks are made concerning the charges calculation and levying, for example:- on payment of costs unlike provisions of article 15 of SMGS or item 11 of this Manual- on permissible load from wagon axle unlike provisions of article 15 of SMGS</b> <b>- on the sum of the declared value of goods in tariff currency (in words).</b>		111	111 - Remarks concerning charging - Remarks concerning charging	3.17.FTX

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
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{ 'GID+X+Y:Z::Text' X=1496 Y=C213/7224 Z=C213/7065 Text=C213/7064	Detailed information on goods, mandatory (20)	X – position of goods (in general description of goods in the consignment note), Y – the number of cargo packages in consignment/containers Z –package code Text -package name	<b>020</b>	20 - Description of the goods 20 – GoodDescription 20 - Description of the goods – RID 20 - Description of the goods - RID/Law 20 - Description of the goods - RID/Danger label 20 - Description of the goods - RID/Technical description 20 - Description of the goods - RID/Long text description 20 - Description of the goods - RID/Additional Information 20 - Description of the goods - RID/Weight 20 - Description of the goods - RID/Packing group 20 - Description of the goods - RID/Classification code 20 - Description of the goods - RID/Class 20 - Description of the goods - RID/UN Number 20 - Description of the goods - RID/Hazard number 20 - Description of the goods - Description of the seals 20 - Description of the goods - Nature of the packing 20 - Description of the goods - Loading tackle 20 - Description of the goods - Loading tackle/Type 20 - Description of the goods - Loading tackle/Number 20 - Description of the goods - Loading tackle/Weight 20 - Description of the goods - Number of packages	1.18.GID

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - Particular marks and numbers to identify less than wagon load assignments 20 - Description of the goods - Number of wagons 20 - Description of the goods - Number of UTI 20 - Description of the goods - UTI 20 - Description of the goods - UTI - Type 20 - Description of the goods - UTI - Prefix 20 - Description of the goods - UTI - Number 20 - Description of the goods - UTI - Check digit 20 - Description of the goods - UTI - Length code 20 - Description of the goods - UTI - Length in feet 20 - Description of the goods - UTI - Length in mm 20 - Description of the goods - UTI - Width in feet 20 - Description of the goods - UTI - Height in feet 20 - Description of the goods - UTI - Codification 20 - Description of the goods - UTI - Forwarding 20 - Description of the goods - UTI - Name of ship 20 - Description of the goods - UTI - Good in UTI 20 - Description of the goods - UTI - Tax liability VL 20 - Description of the goods - UTI - Tax liability BL 20 - Description of the goods - Harbour 20 - Description of the goods -	



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
PIA+5+N:HS::12' N=C212/7140	N=Identification of freight code (NHM, GNG) on consignment mandatory (23)		023	23 - NHM or GNG code - code	2.18.PIA
PIA+1+N:HS::12' N=C212/7140	N= freight code NHM estimated (51)	Additional id	051	51 - NHM code - code	2.18.PIA
FTX+AAA+++TEXT' TEXT=C108/4440	T =Description of freight, mandatory (20)		020	20 - Description of the goods 20 - GoodDescription 20 - Description of the goods - RID 20 - Description of the goods - RID/Law 20 - Description of the goods - RID/Danger label 20 - Description of the goods - RID/Technical description 20 - Description of the goods - RID/Long text description 20 - Description of the goods - RID/Additional Information 20 - Description of the goods - RID/Weight 20 - Description of the goods - RID/Packing group 20 - Description of the goods - RID/Classification code 20 - Description of the goods - RID/Class 20 - Description of the goods - RID/UN Number 20 - Description of the goods - RID/Hazard number 20 - Description of the goods - Description of the seals 20 - Description of the goods - Nature of the packing 20 - Description of the goods - Loading tackle 20 - Description of the goods - Loading tackle/Type	2.18.FTX

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - Loading tackle/Number 20 - Description of the goods - Loading tackle/Weight 20 - Description of the goods - Number of packages 20 - Description of the goods - Particular marks and numbers to identify less than wagon load assignments 20 - Description of the goods - Number of wagons 20 - Description of the goods - Number of UTI 20 - Description of the goods - UTI 20 - Description of the goods - UTI - Type 20 - Description of the goods - UTI - Prefix 20 - Description of the goods - UTI - Number 20 - Description of the goods - UTI - Check digit 20 - Description of the goods - UTI - Length code 20 - Description of the goods - UTI - Length in feet 20 - Description of the goods - UTI - Length in mm 20 - Description of the goods - UTI - Width in feet 20 - Description of the goods - UTI - Height in feet 20 - Description of the goods - UTI - Codification 20 - Description of the goods - UTI - Forwarding 20 - Description of the goods - UTI - Name of ship 20 - Description of the goods - UTI - Good in UTI 20 - Description of the goods -	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				UTI - Tax liability VL 20 - Description of the goods - UTI - Tax liability BL 20 - Description of the goods - Harbour 20 - Description of the goods - Ship owner 20 - Description of the goods - End of charging date, time 20 - Description of the goods - Delivery reference 20 - Description of the goods - Origin country (text) 20 - Description of the goods - Number of seals 20 - Description of the goods - HS code 20 - Description of the goods - Description (Text) 20 - Description of the goods - Wagon info 20 - Description of the goods - Special treatment	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
MEA+WT+G+KGM:M' M=C174/6314	M=Cargo weight specified by consignor (including package, but without tare), mandatory (24) (24)=Net weight of cargo + package mass	If EQA=CN, box 13 indicates container cargo weight, container tare mass, overall gross weight. According to EDIFACT grammar, if information is missing, then segment is not indicated.	024	24 - Mass as given by the consignor 24 - Mass as given by the consignor - total mass of the consignment 24 - Mass as given by the consignor - gross mass of the goods (including packaging) 24 - Mass as given by the consignor - Tare of UTI or containers	2.20.MEA
MEA+ASW+G+KGM:M' M=C174/6314	M= Cargo weight specified by railway (38)		038	38 - Mass determined by the railway - Mass determined by the railway	2.20.MEA
MEA+ASW+AEC+KGM:M' M=C174/6314	M=Estimated weight when consigning (53, 83)	For CIM/SMGS wagon and container note	053	53 - Charged mass - Weight, area or volume of the charged freight	2.20.MEA
PCI+X+A:B:C' X=4233 A=C210/7102 B=C210/7102 C=C210/7102	X=by who cargo package marking is performed A:B:C =Signs and stamps and numbers, mandatory (20)	X : 18=marking is performed by carrier; 24= marking is performed by consignor.	020	20 - Description of the goods 20 - GoodDescription 20 - Description of the goods – RID 20 - Description of the goods - RID/Law 20 - Description of the goods - RID/Danger label 20 - Description of the goods - RID/Technical description 20 - Description of the goods - RID/Long text description 20 - Description of the goods - RID/Additional Information 20 - Description of the goods - RID/Weight 20 - Description of the goods - RID/Packing group 20 - Description of the goods - RID/Classification code	2.23.PCI



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - RID/Class 20 - Description of the goods - RID/UN Number 20 - Description of the goods - RID/Hazard number 20 - Description of the goods - Description of the seals 20 - Description of the goods - Nature of the packing 20 - Description of the goods - Loading tackle 20 - Description of the goods - Loading tackle/Type 20 - Description of the goods - Loading tackle/Number 20 - Description of the goods - Loading tackle/Weight 20 - Description of the goods - Number of packages 20 - Description of the goods - Particular marks and numbers to identify less than wagon load assignments 20 - Description of the goods - Number of wagons 20 - Description of the goods - Number of UTI 20 - Description of the goods - UTI 20 - Description of the goods - UTI - Type 20 - Description of the goods - UTI - Prefix 20 - Description of the goods - UTI - Number 20 - Description of the goods - UTI - Check digit 20 - Description of the goods - UTI - Length code 20 - Description of the goods - UTI - Length in feet 20 - Description of the goods -	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				UTI - Length in mm 20 - Description of the goods - UTI - Width in feet 20 - Description of the goods - UTI - Height in feet 20 - Description of the goods - UTI - Codification 20 - Description of the goods - UTI - Forwarding 20 - Description of the goods - UTI - Name of ship 20 - Description of the goods - UTI - Good in UTI 20 - Description of the goods - UTI - Tax liability VL 20 - Description of the goods - UTI - Tax liability BL 20 - Description of the goods - Harbour 20 - Description of the goods - Ship owner 20 - Description of the goods - End of charging date, time 20 - Description of the goods - Delivery reference 20 - Description of the goods - Origin country (text) 20 - Description of the goods - Number of seals 20 - Description of the goods - HS code 20 - Description of the goods - Description (Text) 20 - Description of the goods - Wagon info 20 - Description of the goods - Special treatment	



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
FTX+AAD+++TEXT' TEXT=C108/4440	TEKCT =Description of dangerous goods (20)	Segment is missing if goods are not dangerous or transport emergency card code is specified in DGS segment	020	20 - Description of the goods 20 - GoodDescription 20 - Description of the goods - RID 20 - Description of the goods - RID/Law 20 - Description of the goods - RID/Danger label 20 - Description of the goods - RID/Technical description 20 - Description of the goods - RID/Long text description 20 - Description of the goods - RID/Additional Information 20 - Description of the goods - RID/Weight 20 - Description of the goods - RID/Packing group 20 - Description of the goods - RID/Classification code 20 - Description of the goods - RID/Class 20 - Description of the goods - RID/UN Number 20 - Description of the goods - RID/Hazard number 20 - Description of the goods - Description of the seals 20 - Description of the goods - Nature of the packing 20 - Description of the goods - Loading tackle 20 - Description of the goods - Loading tackle/Type 20 - Description of the goods - Loading tackle/Number 20 - Description of the goods - Loading tackle/Weight 20 - Description of the goods - Number of packages 20 - Description of the goods -	3.32.FTX

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				Particular marks and numbers to identify less than wagon load assignments 20 - Description of the goods - Number of wagons 20 - Description of the goods - Number of UTI 20 - Description of the goods - UTI 20 - Description of the goods - UTI - Type 20 - Description of the goods - UTI - Prefix 20 - Description of the goods - UTI - Number 20 - Description of the goods - UTI - Check digit 20 - Description of the goods - UTI - Length code 20 - Description of the goods - UTI - Length in feet 20 - Description of the goods - UTI - Length in mm 20 - Description of the goods - UTI - Width in feet 20 - Description of the goods - UTI - Height in feet 20 - Description of the goods - UTI - Codification 20 - Description of the goods - UTI - Forwarding 20 - Description of the goods - UTI - Name of ship 20 - Description of the goods - UTI - Good in UTI 20 - Description of the goods - UTI - Tax liability VL 20 - Description of the goods - UTI - Tax liability BL 20 - Description of the goods - Harbour 20 - Description of the goods - Ship owner	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - End of charging date, time 20 - Description of the goods - Delivery reference 20 - Description of the goods - Origin country (text) 20 - Description of the goods - Number of seals 20 - Description of the goods - HS code 20 - Description of the goods - Description (Text) 20 - Description of the goods - Wagon info 20 - Description of the goods - Special treatment	
EQD+RR+N+X+++Z' N=C237/8260 X=C224/8155 Z=8169	N =Wagon number, X =Type of wagon, Z= wagon filling attribute mandatory (19)	X:  Z: 4=empty; 5=loaded.	<b>019</b>	19 - Wagon no. 19 - Wagon no. - carrier - abbreviation 19 - Wagon no. - carrier - number 19 - Wagon no. - Wagon – type 19 - Wagon no. - Wagon - load limit 19 - Wagon no. - Wagon - number of axles 19 - Wagon no. - Wagon – tare 19 - Wagon no. - Wagon - Wagon no.	<b>1.37.EQD</b>

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
EQD+ZRR+N+X+++Z' N=C237/8260 X=C224/8155 Z=8169	N =Wagon former number (prior to reloading), X = Type of wagon, Z= wagon filling attribute mandatory (19)	For CIM/SMGS wagon and container note X: Z: 4=empty; 5=loaded.	019	19 - Wagon no. 19 - Wagon no. - carrier – abbreviation 19 - Wagon no. - carrier – number 19 - Wagon no. - Wagon – type 19 - Wagon no. - Wagon - load limit 19 - Wagon no. - Wagon - number of axles 19 - Wagon no. - Wagon – tare 19 - Wagon no. - Wagon - Wagon no.	1.37.EQD
MEA+SV++TNE:XXX' XXX=C174/6314	XXX =Wagon pulling force (19)		019	19 - Wagon no. 19 - Wagon no. - carrier – abbreviation 19 - Wagon no. - carrier – number 19 - Wagon no. - Wagon – type 19 - Wagon no. - Wagon - load limit 19 - Wagon no. - Wagon - number of axles 19 - Wagon no. - Wagon – tare 19 - Wagon no. - Wagon - Wagon no.	2.37.MEA

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
MEA+NAX++PCE:XX' XX=C174/6314	XX =The number of axles of wagon (19)		019	19 - Wagon no. 19 - Wagon no. - carrier – abbreviation 19 - Wagon no. - carrier – number 19 - Wagon no. - Wagon – type 19 - Wagon no. - Wagon - load limit 19 - Wagon no. - Wagon - number of axles 19 - Wagon no. - Wagon – tare 19 - Wagon no. - Wagon - Wagon no.	2.37.MEA
MEA+WT+T+KGM:M' M=C174/6314	M=Wagon/container tare mass (19/24)	If EQA=CN, box 13 indicates the container tare mass	019	19 - Wagon no. 19 - Wagon no. - carrier – abbreviation 19 - Wagon no. - carrier – number 19 - Wagon no. - Wagon – type 19 - Wagon no. - Wagon - load limit 19 - Wagon no. - Wagon - number of axles 19 - Wagon no. - Wagon – tare 19 - Wagon no. - Wagon - Wagon no.	2.37.MEA
			024	24 - Mass as given by the consignor 24 - Mass as given by the consignor - total mass of the consignment 24 - Mass as given by the consignor - gross mass of the goods (including packaging) 24 - Mass as given by the consignor - Tare of UTI or	



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				containers	
MEA+WT+AAD+KGM:M' M=C174/6314	Weight of cargo of one wagon (without wagon tare) when transporting several wagons or cargo weight after reloading (48)	AAD=gross weight For CIM/SMGS wagon and container note	048	48 - Mass after transshipment - Mass	2.37.MEA
MEA+ASW+AEC+KGM:M' M=C174/6314	M=Estimated weight after reloading (53,83)	For CIM/SMGS wagon and container note	053	53 - Charged mass - Weight, area or volume of the charged freight	2.37.MEA
			083	83 - Chargeable mass - Chargeable mass	
MEA+AAE+G+KGM:M' M=C174/6314	M=Total weight of consignmentmandatory (24)		024	24 - Mass as given by the consignor 24 - Mass as given by the consignor - total mass of the consignment 24 - Mass as given by the consignor - gross mass of the goods (including packaging) 24 - Mass as given by the consignor - Tare of UTI or containers	2.37.MEA
MEA+AAE+WT+KGM:M' M=C174/6314	M=Total weight after reloading	For CIM/SMGS wagon and container note			2.37.MEA

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
DIM+10+X:Y' X=C211/6411 Y=C211/6168	Container category (20) X = unit of measurement Y= type/size value (4 зн)	X: MTQ= capacity is in m³ FOT= length is in the English units of feet Y: -for general purpose containers the max. gross weight of container is specified by numbers 3 or 5; -for large-tonnage containers the size code is specified by two characters and container type is specified by two characters	020	20 - Description of the goods 20 - GoodDescription 20 - Description of the goods - RID 20 - Description of the goods - RID/Law 20 - Description of the goods - RID/Danger label 20 - Description of the goods - RID/Technical description 20 - Description of the goods - RID/Long text description 20 - Description of the goods - RID/Additional Information 20 - Description of the goods - RID/Weight 20 - Description of the goods - RID/Packing group 20 - Description of the goods - RID/Classification code 20 - Description of the goods - RID/Class 20 - Description of the goods - RID/UN Number 20 - Description of the goods - RID/Hazard number 20 - Description of the goods - Description of the seals 20 - Description of the goods - Nature of the packing 20 - Description of the goods - Loading tackle 20 - Description of the goods - Loading tackle/Type 20 - Description of the goods - Loading tackle/Number 20 - Description of the goods - Loading tackle/Weight 20 - Description of the goods - Number of packages 20 - Description of the goods -	2.37.DIM

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				Particular marks and numbers to identify less than wagon load assignments 20 - Description of the goods - Number of wagons 20 - Description of the goods - Number of UTI 20 - Description of the goods - UTI 20 - Description of the goods - UTI - Type 20 - Description of the goods - UTI - Prefix 20 - Description of the goods - UTI - Number 20 - Description of the goods - UTI - Check digit 20 - Description of the goods - UTI - Length code 20 - Description of the goods - UTI - Length in feet 20 - Description of the goods - UTI - Length in mm 20 - Description of the goods - UTI - Width in fee 20 - Description of the goods - UTI - Height in feet 20 - Description of the goods - UTI - Codification 20 - Description of the goods - UTI - Forwarding 20 - Description of the goods - UTI - Name of ship 20 - Description of the goods - UTI - Good in UTI 20 - Description of the goods - UTI - Tax liability VL 20 - Description of the goods - UTI - Tax liability BL 20 - Description of the goods - Harbour 20 - Description of the goods - Ship owner	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - End of charging date, time 20 - Description of the goods - Delivery reference 20 - Description of the goods - Origin country (text) 20 - Description of the goods - Number of seals 20 - Description of the goods - HS code 20 - Description of the goods - Description (Text) 20 - Description of the goods - Wagon info 20 - Description of the goods - Special treatment	
SEL+1234567890:CA' 1234567890=9308	1234567890= signs of seals or locking devices, (20) CA =carrier. Number = number of segments SEL	The number and all the signs of seals placed on wagon or container	<b>020</b>	20 - Description of the goods 20 - GoodDescription 20 - Description of the goods - RID 20 - Description of the goods - RID/Law 20 - Description of the goods - RID/Danger label 20 - Description of the goods - RID/Technical description 20 - Description of the goods - RID/Long text description 20 - Description of the goods - RID/Additional Information 20 - Description of the goods - RID/Weight 20 - Description of the goods - RID/Packing group 20 - Description of the goods - RID/Classification code 20 - Description of the goods - RID/Class 20 - Description of the goods - RID/UN Number 20 - Description of the goods - RID/Hazard number	<b>2.37.SEL</b>

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - Description of the seals 20 - Description of the goods - Nature of the packing 20 - Description of the goods - Loading tackle 20 - Description of the goods - Loading tackle/Type 20 - Description of the goods - Loading tackle/Number 20 - Description of the goods - Loading tackle/Weight 20 - Description of the goods - Number of packages 20 - Description of the goods - Particular marks and numbers to identify less than wagon load assignments 20 - Description of the goods - Number of wagons 20 - Description of the goods - Number of UTI 20 - Description of the goods - UTI 20 - Description of the goods - UTI - Type 20 - Description of the goods - UTI - Prefix 20 - Description of the goods - UTI - Number 20 - Description of the goods - UTI - Check digit 20 - Description of the goods - UTI - Length code 20 - Description of the goods - UTI - Length in feet 20 - Description of the goods - UTI - Length in mm 20 - Description of the goods - UTI - Width in feet 20 - Description of the goods - UTI - Height in feet 20 - Description of the goods -	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				UTI – Codification 20 - Description of the goods - UTI – Forwarding 20 - Description of the goods - UTI - Name of ship 20 - Description of the goods - UTI - Good in UTI 20 - Description of the goods - UTI - Tax liability VL 20 - Description of the goods - UTI - Tax liability BL 20 - Description of the goods - Harbour 20 - Description of the goods - Ship owner 20 - Description of the goods - End of charging date, time 20 - Description of the goods - Delivery reference 20 - Description of the goods - Origin country (text) 20 - Description of the goods - Number of seals 20 - Description of the goods - HS code 20 - Description of the goods - Description (Text) 20 - Description of the goods - Wagon info 20 - Description of the goods - Special treatment	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
FTX+TDT+KOD(4453)++TEXT' KOD=4453 TEXT=C108/4440	TEXT'=Type of container/transport facilities(20) KOD= Movement Reference Number (MRN) or Administrative Reference Code (ARC) (20)	KOD=9 TEKCT= E MRN, T MRN, TS MRN, EXS MRN, ENS MRN  KOD=10 TEKCT= Administrative Reference Code (ARC)		KOD=9 Use Movement Reference Number (MRN) in following cases: required by customs law for wagons and UTI, supplemented by . "E MRN" if an export declaration has been lodged *) . "T MRN" if a transit declaration has been lodged *) . "TS MRN" if a transit declaration with security data has been lodged *) . "EXS MRN" if the exit summary declaration has been made separately by the consignor. . "ENS MRN" if the entry summary declaration has been made separately by the consignor. KOD=10 Use Administrative Reference Code (ARC) required by excise law for wagons and UTI, supplemented by . "ARC"*).	2.37.FTX
NAD+CW+Y/X::12' Y/X=C082/3039	Property attribute of equipment (of a wagon/ container/transportation facilities) Y =identification of a party (code of the railway-owner /absence attribute of belonging to railway/renting) mandatory (19)	CW=owner of equipment (wagon/container/transportation facilities) Y - identification of a party (2 characters= code of the railway, to which equipment is attached, according to Leaflet 920-14); X – type of owner of	019	19 - Wagon no. 19 - Wagon no. - carrier - abbreviation 19 - Wagon no. - carrier – number 19 - Wagon no. - Wagon – type 19 - Wagon no. - Wagon - load limit 19 - Wagon no. - Wagon -	2.39.NAD

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
		wagon/container (Latin): - RENTING; - P=not belonging to railway; - 1=belongs to railway.		number of axles 19 - Wagon no. - Wagon – tare 19 - Wagon no. - Wagon - Wagon no.	
EQA+X+N/K' X=8053 N/K =C237/8260	Description of equipment (container), mandatory (20)	X – type of attached equipment: CN=container, TP= transportation means or facilities EFP= exchangeable flat pallet;  EYP= exchangeable EURY box pallet; N = container/transportation means number (for exchangeable pallets - cycle process of exchange) K= container category: -for general purpose containers the max. gross weight of container is specified by numbers 3 or 5; -for large-tonnage containers the size code is specified by 2 characters and container type is specified by 2 characters	<b>020</b>	20 - Description of the goods 20 - GoodDescription 20 - Description of the goods – RID 20 - Description of the goods - RID/Law 20 - Description of the goods - RID/Danger label 20 - Description of the goods - RID/Technical description 20 - Description of the goods - RID/Long text description 20 - Description of the goods - RID/Additional Information 20 - Description of the goods - RID/Weight 20 - Description of the goods - RID/Packing group 20 - Description of the goods - RID/Classification code 20 - Description of the goods - RID/Class 20 - Description of the goods - RID/UN Number 20 - Description of the goods - RID/Hazard number 20 - Description of the goods - Description of the seals 20 - Description of the goods - Nature of the packing 20 - Description of the goods - Loading tackle 20 - Description of the goods - Loading tackle/Type	2.41.EQA



EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - Loading tackle/Number 20 - Description of the goods - Loading tackle/Weight 20 - Description of the goods - Number of packages 20 - Description of the goods - Particular marks and numbers to identify less than wagon load assignments 20 - Description of the goods - Number of wagons 20 - Description of the goods - Number of UTI 20 - Description of the goods - UTI 20 - Description of the goods - UTI – Type 20 - Description of the goods - UTI - Prefix 20 - Description of the goods - UTI – Number 20 - Description of the goods - UTI - Check digit 20 - Description of the goods - UTI - Length code 20 - Description of the goods - UTI - Length in feet 20 - Description of the goods - UTI - Length in mm 20 - Description of the goods - UTI - Width in feet 20 - Description of the goods - UTI - Height in feet 20 - Description of the goods - UTI - Codification 20 - Description of the goods - UTI - Forwarding	

EDIFACT	CIM/SMGS Consignment Note	REMARKS	CIM/SMGS field no.	CIM/SMGS paper elements	Branching Diagram Position
				20 - Description of the goods - UTI - Name of ship 20 - Description of the goods - UTI - Good in UTI 20 - Description of the goods - UTI - Tax liability VL 20 - Description of the goods - UTI - Tax liability BL 20 - Description of the goods - Harbour 20 - Description of the goods - Ship owner 20 - Description of the goods - End of charging date, time 20 - Description of the goods - Delivery reference 20 - Description of the goods - Origin country (text) 20 - Description of the goods - Number of seals 20 - Description of the goods - HS code 20 - Description of the goods - Description (Text) 20 - Description of the goods - Wagon info 20 - Description of the goods - Special treatment	
UNT+lkm+12345'	The number of segments in electronic message is put down by converter				0.00.UNT
UNZ+lkm+123456789'	The number of electronic messages in the transmission batch is put down by converter				

**IFTMIN 97A branching diagram (qualifiers)**

**5. IFTMIN 97A Схема ответвления (определители)**

