

SO I IFTMBF D00B S611 HL STANDARD IG V2

EDI User Manual

Version: 1.0 Draft

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Functional Definition

Revision History

| Date | Version | Description |
|------------|---------|---|
| 2010-04-29 | 1.0 | Document created |
| 2011-04-15 | 1.1 | Several enhancements, e.g. - Customs Reference AES-ITN added (RFF+ABT) - Documentary requirements moved to FTX (FTX+ACA) |
| 2012-04-16 | 1.2 | SG10-NAD Segment: Added possibility to send HL internal Org-Numbers |
| 2013-04-02 | 1.3 | -Change the description of the following segments: -SG3+RFF+1153=CT, SG10+NAD+3035=RP, SG16+FTX+4451=AED, SG16+PIA+7143=CG -SG10+NAD Added possibility to send a Freight charges payer -For carriers haulage now 2 dates can be communicated under address SF (shipped from) SG33+DTM+2005 Indicate whether a booking of a forwarder was placed by the NVOCC organisation: SG13+RFF+1153=AMV SG13+RFF+1154=NVOCC - Indicate whether a booking of a forwarder was placed by the forwarder organisation: SG13+RFF+1153=AMV SG13+RFF+1154=FORWARDER |
| 2013-10-30 | 1.4 | SG1+LOC Segment: Added possibility to send Carrier-Booking-Office UNECE location code |
| 2014-02-07 | 1.5 | GRP3 RFF: Added RFF+FF and RFF-SI GRP10 NAD+FP: CN, N1, N2 deleted GRP14 CPI: Added 2. Additional Charges ... |
| 2014-04-07 | 1.6 | Description of GRP3:RFF+AAZ added Description of GRP3:RFF+ADZ updated Description of GRP3:RFF+AMN updated Permitted values for GRP3:RFF:X1156 added (YES/NO) |
| 2014-04-17 | 1.6.1 | Description of GRP3:RFF+ADZ updated |
| 2014-05-22 | 1.6.2 | Description of GRP32:DIM updated |
| 2014-12-08 | 1.6.3 | Usage of GRP32:EQN added |
| 2015-07-17 | 1.6.3.1 | Formal revision - words and layout |
| 2015-09-30 | 1.6.3.2 | Qualifier "HAN" for SG27:FTX added |
| 2015-11-06 | 1.6.3.3 | Usage description of Header-COM added |
| 2016-08-31 | 1.6.3.4 | description group3:RFF (1156) updated (PAP removed, OPT added) |
| 2017-03-20 | 1.6.3.5 | Description G33:NAD (3035) updated Description G7:TDT updated Description G8:LOC updated |
| 2017-03-21 | 1.6.3.6 | Description G32:MEA qualifier P1 and MQH added |
| 2018-09-27 | 1.6.3.7 | BGM Message function code 1=Cancellation added UNB Usage of Syntax version number updated |
| 2018-10-17 | 1.6.3.8 | Qualifier "PKG" for SG27:FTX added |
| 2018-11-21 | 1.6.3.9 | Enhanced multiple notes Qualifier "TN" added to SG3:RFF:C506 |
| 2022-10-11 | 1.7 | Changed handling of TDT and LOC qualifiers G7: TDT+12 & 13 deprecated but supported G8: LOC+80 & 76 & 12 & 170 & 8 deprecated but supported |
| 2023-08-03 | 1.8 | Added ER,MX,and US qualifiers to G28:CTA |

|2024-08-20| 1.9 | Added new qualifier "CB" Broker or sales office to NAD segment | |WATROKA|

Status Indicators

Status Indicators (M and C) form part of the UN/EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure.

The Status Indicators are:

| Indicator | Value | Description |
|-----------|-------------|---|
| M | Mandatory | This entity must appear in all messages. Shown as usage indicator "M" in Implementation Guidelines. |
| C | Conditional | This entity is used by agreement between the parties to the transaction. |

A 'Conditional' Status Indicator may be represented by a supporting Usage Indicator which is either M, O, D or X.

Usage Indicators

Throughout this document reference is made to indicators (M, D, O and X) which are shown adjacent to data items and which dictate for the particular message or set thereof the agreed usage of the data items or entities.

Set out below are the indicators and their respective uses:

| Indicator | Value | Description |
|-----------|-----------|---|
| M | Mandatory | Indicates that this entity is mandatory and must be sent in this implementation. |
| O | Optional | Indicates that this entity is at the need or discretion of the sender of the message. |
| D | Dependent | Indicates that the use of the entity depends upon a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline. |
| X | Not Used | Indicates that the entity is not to be used in this message implementation. |

Please be aware that each usage indicator describes the usage of an entity within it's parent entity. For example, a segment that is marked to be (M)andatory within an optional segment group must only be sent when the segment group is used.

Message Structure

| Tag | Name | Status | Max. Use | Usage |
|---------------|------------------------------------|----------|-----------|----------|
| UNA | Service String Advice | C | 1 | X |
| UNB | Interchange Header | M | 1 | M |
| UNG | Functional Group Header | C | 1 | X |
| UNH | Message Header | M | 1 | M |
| BGM | Beginning of Message | M | 1 | M |
| CTA | Contact Information | C | 1 | X |
| COM | Communication Contact | C | 1 | O |
| DTM | Date/Time/Period | C | 9 | X |
| TSR | Transport Service Requirements | C | 9 | M |
| MOA | Monetary Amount | C | 9 | X |
| FTX | Free Text | C | 99 | O |
| CNT | Control Total | C | 9 | O |
| GDS | Nature of Cargo | C | 9 | X |
| Group1 | | C | 99 | O |
| LOC | Place/Location Identification | M | 1 | M |
| DTM | Date/Time/Period | C | 9 | X |
| Group2 | | C | 2 | X |
| TOD | Terms of Delivery or Transport | M | 1 | X |
| LOC | Place/Location Identification | C | 9 | X |
| Group3 | | C | 99 | O |
| RFF | Reference | M | 1 | M |
| DTM | Date/Time/Period | C | 9 | X |
| Group4 | | C | 9 | X |
| GOR | Governmental Requirements | M | 1 | X |
| FTX | Free Text | C | 9 | X |
| Group5 | | C | 9 | X |
| DOC | Document/Message Details | M | 1 | X |
| DTM | Date/Time/Period | C | 1 | X |
| Group6 | | C | 99 | X |
| TCC | Transport Charge/Rate Calculations | M | 1 | X |
| LOC | Place/Location Identification | C | 1 | X |
| FTX | Free Text | C | 1 | X |
| CUX | Currencies | C | 1 | X |
| PRI | Price Details | C | 1 | X |
| EQN | Number of Units | C | 1 | X |
| PCD | Percentage Details | C | 1 | X |
| MOA | Monetary Amount | C | 9 | X |
| QTY | Quantity | C | 9 | X |

| Group7 | | C | 99 | O |
|----------------|--------------------------------|----------|------------|----------|
| TDT | Details of Transport | M | 1 | M |
| DTM | Date/Time/Period | C | 9 | X |
| TSR | Transport Service Requirements | C | 9 | X |
| Group8 | | C | 99 | O |
| LOC | Place/Location Identification | M | 1 | M |
| DTM | Date/Time/Period | C | 9 | O |
| Group9 | | C | 9 | X |
| RFF | Reference | M | 1 | X |
| DTM | Date/Time/Period | C | 1 | X |
| Group10 | | C | 99 | O |
| NAD | Name and Address | M | 1 | M |
| LOC | Place/Location Identification | C | 9 | X |
| Group11 | | C | 9 | O |
| CTA | Contact Information | M | 1 | D |
| COM | Communication Contact | C | 9 | O |
| Group12 | | C | 9 | X |
| DOC | Document/Message Details | M | 1 | X |
| DTM | Date/Time/Period | C | 1 | X |
| Group13 | | C | 9 | O |
| RFF | Reference | M | 1 | O |
| DTM | Date/Time/Period | C | 9 | X |
| Group14 | | C | 9 | O |
| CPI | Charge Payment Instructions | M | 1 | O |
| RFF | Reference | C | 99 | X |
| CUX | Currencies | C | 1 | X |
| LOC | Place/Location Identification | C | 9 | X |
| MOA | Monetary Amount | C | 9 | X |
| Group15 | | C | 99 | X |
| TSR | Transport Service Requirements | M | 1 | X |
| RFF | Reference | C | 1 | X |
| LOC | Place/Location Identification | C | 1 | X |
| TPL | Transport Placement | C | 1 | X |
| FTX | Free Text | C | 9 | X |
| Group16 | | C | 999 | O |
| GID | Goods Item Details | M | 1 | M |
| HAN | Handling Instructions | C | 1 | X |
| TMP | Temperature | C | 1 | X |
| RNG | Range Details | C | 1 | X |
| TMD | Transport Movement Details | C | 1 | X |
| LOC | Place/Location Identification | C | 9 | X |
| MOA | Monetary Amount | C | 9 | X |
| PIA | Additional Product Id | C | 9 | O |
| FTX | Free Text | C | 9 | M |
| PCD | Percentage Details | C | 9 | X |

| | | | | |
|----------------|--------------------------|----------|------------|----------|
| Group17 | | C | 9 | X |
| NAD | Name and Address | M | 1 | X |
| DTM | Date/Time/Period | C | 1 | X |
| GDS | Nature of Cargo | C | 9 | X |
| Group18 | | C | 99 | O |
| MEA | Measurements | M | 1 | O |
| EQN | Number of Units | C | 1 | X |
| Group19 | | C | 99 | O |
| DIM | Dimensions | M | 1 | X |
| EQN | Number of Units | C | 1 | X |
| Group20 | | C | 9 | O |
| RFF | Reference | M | 1 | O |
| DTM | Date/Time/Period | C | 9 | X |
| Group21 | | C | 9 | X |
| PCI | Package Identification | M | 1 | X |
| RFF | Reference | C | 1 | X |
| DTM | Date/Time/Period | C | 1 | X |
| GIN | Goods Identity Number | C | 9 | X |
| Group22 | | C | 9 | X |
| DOC | Document/Message Details | M | 1 | X |
| DTM | Date/Time/Period | C | 9 | X |
| Group23 | | C | 9 | X |
| TPL | Transport Placement | M | 1 | X |
| Group24 | | C | 9 | X |
| MEA | Measurements | M | 1 | X |
| EQN | Number of Units | C | 1 | X |
| Group25 | | C | 999 | O |
| SGP | Split Goods Placement | M | 1 | M |
| Group26 | | C | 9 | O |
| MEA | Measurements | M | 1 | M |
| EQN | Number of Units | C | 1 | X |

| | | | | |
|----------------|----------------------------|----------|------------|----------|
| Group27 | | C | 99 | O |
| DGS | Dangerous Goods | M | 1 | M |
| FTX | Free Text | C | 99 | M |
| Group28 | | C | 9 | O |
| CTA | Contact Information | M | 1 | M |
| COM | Communication Contact | C | 9 | O |
| Group29 | | C | 9 | O |
| MEA | Measurements | M | 1 | D |
| EQN | Number of Units | C | 1 | X |
| Group30 | | C | 999 | X |
| SGP | Split Goods Placement | M | 1 | X |
| Group31 | | C | 9 | X |
| MEA | Measurements | M | 1 | X |
| EQN | Number of Units | C | 1 | X |
| Group32 | | C | 999 | O |
| EQD | Equipment Details | M | 1 | M |
| EQN | Number of Units | C | 1 | O |
| TMD | Transport Movement Details | C | 1 | X |
| MEA | Measurements | C | 9 | O |
| DIM | Dimensions | C | 9 | O |
| TPL | Transport Placement | C | 9 | X |
| HAN | Handling Instructions | C | 1 | O |
| TMP | Temperature | C | 1 | O |
| FTX | Free Text | C | 9 | O |
| RFF | Reference | C | 9 | O |
| Group33 | | C | 9 | O |
| NAD | Name and Address | M | 1 | M |
| DTM | Date/Time/Period | C | 1 | O |
| Group34 | | C | 9 | X |
| CTA | Contact Information | M | 1 | X |
| COM | Communication Contact | C | 9 | X |
| Group35 | | C | 99 | X |
| DGS | Dangerous Goods | M | 1 | X |
| FTX | Free Text | C | 9 | X |
| Group36 | | C | 9 | X |
| CTA | Contact Information | M | 1 | X |
| COM | Communication Contact | C | 9 | X |
| UNT | Message Trailer | M | 1 | M |
| UNE | Functional Group Trailer | C | 1 | X |
| UNZ | Interchange Trailer | M | 1 | M |

Description of used Message Segments

UNB Interchange Header

| | | |
|------------|----------|--------------|
| Status: M | Usage: M | Min/Max: 1/1 |
| Group: N/A | | |

up

Description:

To identify an interchange.

Example:

```
UNB+UNOB:3+PARTNERID+HAPAG-LLOYD+100202:1754+468776+++++1'
```

| Tag | Element Name | Status | Type | Usage |
|-------------|---|----------|--------|----------|
| S001 | SYNTAX IDENTIFIER | M | | M |
| | <p>Description: Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.</p> | | | |
| 0001 | Syntax identifier | M | a4 | M |
| | <p>Description: Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.</p> <p>Note: Hapag-Lloyd prefers the UNOB syntax.</p> | | | |
| 0002 | Syntax version number | M | n1 | M |
| | <p>Description: Version number of the syntax.</p> | | | |
| S002 | INTERCHANGE SENDER | M | | M |
| | <p>Description: Identification of the sender of the interchange.</p> | | | |
| 0004 | Sender identification | M | an..35 | M |
| | <p>Description: Name or coded identification of the sender of the interchange.</p> <p>Note: Id of the message sender. Mutually agreed.</p> | | | |
| 0007 | Partner identification code qualifier | C | an..4 | X |
| | <p>Description: Qualifier referring to the identification code.</p> | | | |
| 0008 | Address for reverse routing | C | an..14 | X |
| | <p>Description: Identification (for example, a division, branch or computer system/process) specified by the sender of interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.</p> | | | |

| S003 INTERCHANGE RECIPIENT | | M | | M |
|------------------------------------|---|---|--------|---|
| | Description: Identification of the recipient of the interchange. | | | |
| 0010 | Recipient identification | M | an..35 | M |
| | Description: Name or coded identification of the recipient of the interchange. | | | |
| 0007 | Partner identification code qualifier | C | an..4 | X |
| | Description: Qualifier referring to the identification code. | | | |
| 0014 | Routing address | C | an..14 | X |
| | Description: Identification (for example, a division, branch or computer system/process) specified by the recipient of interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing. | | | |
| S004 DATE AND TIME OF PREPARATION | | M | | M |
| | Description: Date and time of preparation of the interchange. | | | |
| 0017 | Date of preparation | M | n6 | M |
| | Description: Local date when an interchange or a group was prepared. | | | |
| | Note: Hapag-Lloyd recommends to use UTC date. | | | |
| 0019 | Time of preparation | M | n4 | M |
| | Description: Local time of day when an interchange or a group was prepared. | | | |
| | Note: Hapag-Lloyd recommends to use UTC time. | | | |
| 0020 | INTERCHANGE CONTROL REFERENCE | M | an..14 | M |
| | Description: Unique reference assigned by the sender to an interchange. | | | |
| | Note: Unique reference assigned by the sender of this interchange. | | | |
| S005 RECIPIENTS REFERENCE PASSWORD | | C | | X |
| | Description: Reference or password as agreed between the communicating partners. | | | |
| 0022 | Recipient reference/password | M | an..14 | X |
| | Description: Reference or password to the recipient's system or to a third party network as specified in the partners' interchange agreement. | | | |
| 0025 | Recipient reference/password qualifier | C | an2 | X |
| | Description: Qualifier for the recipient's reference or password. | | | |
| 0026 | APPLICATION REFERENCE | C | an..14 | X |
| | Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message type, if all the messages in the interchange are of the same type. | | | |

0029 PROCESSING PRIORITY CODE C a1 X

Description:
Code determined by the sender requesting processing priority for the interchange.

0031 ACKNOWLEDGEMENT REQUEST C n1 X

Description:
Code requesting acknowledgement for the interchange.

0032 COMMUNICATIONS AGREEMENT ID C an..35 X

Description:
Identification by name or code of the type of agreement under which the interchange takes place.

0035 TEST INDICATOR C n1 O

Description:
Indication that the structural level containing the test indicator is a test.
Note:
1-Message should be used as test file.

UNH Message Header

| | | |
|------------|----------|--------------|
| Status: M | Usage: M | Min/Max: 1/1 |
| Group: N/A | | |

up

Description:

To head, identify and specify a message.

Example:

```
UNH+0001+IFTMBF:D:00B:UN'
```

| Tag | Element Name | Status | Type | Usage |
|------|--------------------------|--------|--------|-------|
| 0062 | MESSAGE REFERENCE NUMBER | M | an..14 | M |

Description:
Unique message reference assigned by the sender.

| S009 | MESSAGE IDENTIFIER | M | | M |
|------|--------------------|---|--|---|
|------|--------------------|---|--|---|

Description:
Identification of the type, version, etc. of the message being interchanged.

| | | | | |
|------|-------------------------|---|-------|---|
| 0065 | Message type identifier | M | an..6 | M |
|------|-------------------------|---|-------|---|

Description:
Code identifying a type of message and assigned by its controlling agency.
Note:
IFTMBF

| | | | | |
|------|-----------------------------|---|-------|---|
| 0052 | Message type version number | M | an..3 | M |
|------|-----------------------------|---|-------|---|

Description:
Version number of a message type.
Note:
D

| | | | | |
|------|-----------------------------|---|-------|---|
| 0054 | Message type release number | M | an..3 | M |
|------|-----------------------------|---|-------|---|

Description:
Release number within the current message version number.
Note:
00B

| | | | | |
|------|--------------------|---|-------|---|
| 0051 | Controlling agency | M | an..2 | M |
|------|--------------------|---|-------|---|

Description:
Code identifying a controlling agency.
Note:
UN

| | | | | |
|------|---------------------------|---|-------|---|
| 0057 | Association assigned code | C | an..6 | X |
|------|---------------------------|---|-------|---|

Description:
Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

| | | | | |
|------|-------------------------|---|--------|---|
| 0068 | COMMON ACCESS REFERENCE | C | an..35 | X |
|------|-------------------------|---|--------|---|

Description:
Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

| S010 | STATUS OF THE TRANSFER | C | | X |
|------|--|---|------|---|
| 0070 | Description: Statement that the message is one in a sequence of transfers relating to the same topic. | M | n..2 | X |
| 0073 | Description: Number assigned by the sender indicating the transfer sequence of a message related to the same topic. The message could be an addition or a change to an earlier transfer related to the same topic. | C | a1 | X |
| | Description: Indication used for the first and last message in a sequence of messages related to the same topic. | | | |

BGM Beginning of Message

Status: M Usage: M Min/Max: 1/1
Group: N/A

up

Description:

To indicate the type and function of a message and to transmit the identifying number.

Example:

```
BGM+335+EDIFACT-REFERENCE:1.0+9'
```

| Tag | Element Name | Status | Type | Usage |
|-------------|--|----------|--------|----------|
| C002 | DOCUMENT/MESSAGE NAME | C | | O |
| | Description: Identification of a type of document/message by code or name. Code preferred. | | | |
| | Note: Common value(s): 335 Booking request | | | |
| 1001 | Document name code | C | an..3 | M |
| | Description: Code specifying the document name. | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 1000 | Document name | C | an..35 | O |
| | Description: Name of a document. | | | |
| | Note: May be used to indicate the EDI-partners product channel source of the Booking. | | | |

| C106 | DOCUMENT/MESSAGE IDENTIFICATION | C | | O |
|---|---------------------------------|---|--------|---|
| 1004 | Document identifier | C | an..35 | M |
| <p>Description: Identification of a document/message by its number and eventually its version or revision.</p> <p>Description: To identify a document.</p> <p>Note: This element will contain the EDI-partners unique reference, which may be returned in the booking confirmation IFTMBC. It has to be the same for originals, replacements and cancelations.</p> | | | | |
| 1056 | Version identifier | C | an..9 | O |
| <p>Description: To identify a version.</p> <p>Note: Version-number to identify mutual updates for the same booking. Hapag-Lloyd will increase the decimal part of the version-number for each booking confirmation message.</p> <p>Example: 1.0 or 2</p> | | | | |
| 1060 | Revision identifier | C | an..6 | X |
| <p>Description: To identify a revision.</p> | | | | |
| 1225 | MESSAGE FUNCTION CODE | C | an..3 | M |
| <p>Description: Code indicating the function of the message.</p> <p>Note: Common value(s): 1 Cancellation 5 Replacement 9 Original Default=Original</p> | | | | |
| 4343 | RESPONSE TYPE CODE | C | an..3 | X |
| <p>Description: Code specifying the type of acknowledgment required or transmitted.</p> | | | | |

COM Communication Contact

Status: C Usage: O Min/Max: 0/1
Group: N/A

up

Description:

To identify a communication number of a department or a person to whom communication should be directed.

Note:

Additional email address for party function "OY" = customer

Example:

COM+CUSTOMER@EMAILADDRESS.COM:EM'

| Tag | Element Name | Status | Type | Usage |
|-------------|--|----------|---------|----------|
| C076 | COMMUNICATION CONTACT [1..3] | M | | M |
| | <p>Description: Communication number of a department or employee in a specified channel.</p> | | | |
| 3148 | Communication address identifier | M | an..512 | M |
| | <p>Description: To identify a communication address.</p> | | | |
| 3155 | Communication address code qualifier | M | an..3 | M |
| | <p>Description: Code qualifying the communication address.</p> <p>Note:</p> <p>EM .. eMail-address</p> <p>Example:</p> <p>EM .. EMAIL</p> | | | |

TSR Transport Service Requirements

Status: C Usage: M Min/Max: 0/9
Group: N/A

up

Description:

To specify the contract and carriage conditions and service and priority requirements for the transport.

Example:

```
TSR+30+2::2'
```

| Tag | Element Name | Status | Type | Usage |
|-------------|--|--------------|--------|----------|
| C536 | CONTRACT AND CARRIAGE CONDITION | C | | O |
| | Description: To identify a contract and carriage condition. | | | |
| 4065 | Contract and carriage condition code | M | an..3 | M |
| | Description: Code to identify the conditions of contract and carriage. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | 27 | Door to door | | |
| | 28 | Door to pier | | |
| | 29 | Pier to door | | |
| | 30 | Pier to pier | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |

| C233 | | SERVICE | C | | M |
|-------------|--|---------------------------|----------|--------|----------|
| | Description: To identify a service (which may constitute an additional component to a basic contract). | | | | |
| 7273 | Service requirement code | | M | an..3 | M |
| | Description: Code specifying a service requirement. | | | | |
| | Note: Service for pre-carriage: 2 FCL = Full Container Load 3 LCL = Less Container Load | | | | |
| 1131 | Code list identification code | | C | an..17 | X |
| | Description: Code identifying a code list. | | | | |
| 3055 | Code list responsible agency code | | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | | |
| 7273 | Service requirement code | | C | an..3 | M |
| | Description: Code specifying a service requirement. | | | | |
| | Note: Service for on-carriage: 2 FCL = Full Container Load 3 LCL = Less Container Load | | | | |
| 1131 | Code list identification code | | C | an..17 | X |
| | Description: Code identifying a code list. | | | | |
| 3055 | Code list responsible agency code | | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | | |
| C537 | | TRANSPORT PRIORITY | C | | X |
| | Description: To indicate the priority of requested transport service. | | | | |
| 4219 | Transport service priority code | | M | an..3 | X |
| | Description: Code specifying the priority of a transport service. | | | | |
| 1131 | Code list identification code | | C | an..17 | X |
| | Description: Code identifying a code list. | | | | |
| 3055 | Code list responsible agency code | | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | | |

| C703 | NATURE OF CARGO | C | | X |
|------|--|---|--------|---|
| | Description: Rough classification of a type of cargo. | | | |
| 7085 | Cargo type classification code | M | an..3 | X |
| | Description: Code specifying the classification of a type of cargo. | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |

FTX Free Text

Status: C Usage: O Min/Max: 0/99
Group: N/A

up

Description:

To provide free form or coded text information.

Example:

```
FTX+AAI+++GENERAL INFORMATION'

Documentary requirements:

1 Master BL and 3 House BL requested
FTX+ACA++1+1'
FTX+ACA++2+3'

1 Master BL and no house BL requested
FTX+ACA++1+1'

2 Master BLs requested:
a) 1 Master BL with 1 House BL and
b) 1 Master BL with 3 House BLs requested
FTX+ACA++1+2'
FTX+ACA++2+1'
FTX+ACA++2+3'
```

| Tag | Element Name | Status | Type | Usage |
|------|-----------------------------|--------|-------|-------|
| 4451 | TEXT SUBJECT CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying the subject of the text.

Note:

This segment may be used to send free text remarks as well as documentary requirements (the quantity of requested Master BLs and House BLs) to Hapag-Lloyd.

If as part of the documentary requirements, preassigned BL Number(s) should be used. In addition to the amount specified here, those BL Number(s) may be send within RFF Segment (RFF+BM).

Common value(s):

| | |
|-----|---|
| AAI | General Information |
| ACA | Documentary Requirements used to transmit the requested quantity of Master BLs and House BLs. |

| | | | | |
|------|-------------------------|---|-------|---|
| 4453 | FREE TEXT FUNCTION CODE | C | an..3 | X |
|------|-------------------------|---|-------|---|

Description:
Code specifying the function of free text.

| C107 | | TEXT REFERENCE | C | | D |
|------|--|----------------|---|---------|---|
| | Description: Coded reference to a standard text and its source. | | | | |
| 4441 | Free text value code | | M | an..17 | D |
| | Description: Code specifying free form text. | | | | |
| | Note: | | | | |
| | 1 Total quantity of Master BLs to be issued. In this case the element 4440_Free_Text_Value shall contain this quantity. | | | | |
| | 2 Quantity of house BLs to be issued. | | | | |
| | In this case each occurrence of this FTX+ACA++2 segment is linked to one Master BL as requested within the preceding FTX+ACA++1 segment. The element 4440_Free_Text_Value shall contain the quantity of house BLs to be issued for this one Master BL. | | | | |
| 1131 | Code list identification code | | C | an..17 | X |
| | Description: Code identifying a code list. | | | | |
| 3055 | Code list responsible agency code | | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | | |
| C108 | | TEXT LITERAL | C | | O |
| | Description: Free text; one to five lines. | | | | |
| 4440 | Free text value [1..5] | | M | an..512 | M |
| | Description: Free form text. | | | | |
| | Note: | | | | |
| | If 4451_Text_Subject_Code_Qualifier = "ACA" then | | | | |
| | quantity of requested Master BLs or House BLs | | | | |
| | Otherwise | | | | |
| | Free Text value | | | | |
| 3453 | LANGUAGE NAME CODE | | C | an..3 | X |
| | Description: Code specifying the language name. | | | | |
| 4447 | FREE TEXT FORMAT CODE | | C | an..3 | X |
| | Description: Code specifying the format of free text. | | | | |

CNT Control Total

Status: C Usage: O Min/Max: 0/9
Group: N/A

up

Description:

To provide control total.

Example:

```
CNT+7:42400:KGM'  
CNT+15:104:MTQ'  
CNT+11:80'  
CNT+16:2'
```

| Tag | Element Name | Status | Type | Usage |
|-------------|--|---------------------------|-------|----------|
| C270 | CONTROL | M | | M |
| | Description: Control total for checking integrity of a message or part of a message. | | | |
| 6069 | Control total type code qualifier | M | an..3 | M |
| | Description: Code qualifying the type of control of hash total. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | 7 | Total gross weight | | |
| | 11 | Total number of packages | | |
| | 15 | Total volume | | |
| | 16 | Total number of equipment | | |
| 6066 | Control total value | M | n..18 | M |
| | Description: To specify the value of a control quantity. | | | |
| | Note: | | | |
| | The value should have two decimal places maximum. The decimal point does not count in the total number of characters. | | | |
| 6411 | Measurement unit code | C | an..3 | D |
| | Description: Code specifying the unit of measurement. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | KGM | kilogram | | |
| | MTQ | cubic metre | | |

LOC Place/Location Identification

Status: M Usage: M Min/Max: 1/1
Group: 1

up

Description:

To identify a place or a location and/or related locations.

Example:

LOC+197+DEHAM'

| Tag | Element Name | Status | Type | Usage |
|------|----------------------------------|--------|-------|-------|
| 3227 | LOCATION FUNCTION CODE QUALIFIER | M | an..3 | M |

Description:
Code identifying the function of a location.

Note:
Proposal by customer to specify carrier booking office (UNECE location code).

Common value(s):
197 identifies the "Carrier-Booking-Office UNECE location code"

| C517 | LOCATION IDENTIFICATION | C | | O |
|------|--|---|---------|---|
| | Description: Identification of a location by code or name. | | | |
| 3225 | Location name code | C | an..25 | O |
| | Description: Code specifying the name of the location. | | | |
| | Note: Carrier-Booking-Office UNECE location code | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 3224 | Location name | C | an..256 | X |
| | Description: Name of the location. | | | |

| C519 | | RELATED LOCATION ONE IDENTIFICATION | C | | X |
|---|-----------------------------------|-------------------------------------|---|--------|---|
| Description: Identification the first related location by code or name. | | | | | |
| 3223 | First related location name code | | C | an..25 | X |
| Description: Code specifying first related location. | | | | | |
| 1131 | Code list identification code | | C | an..17 | X |
| Description: Code identifying a code list. | | | | | |
| 3055 | Code list responsible agency code | | C | an..3 | X |
| Description: Code specifying the agency responsible for a code list. | | | | | |
| 3222 | First related location name | | C | an..70 | X |
| Description: Name of first related location. | | | | | |
| C553 | | RELATED LOCATION TWO IDENTIFICATION | C | | X |
| Description: Identification of second related location by code or name. | | | | | |
| 3233 | Second related location name code | | C | an..25 | X |
| Description: Code specifying the second related location. | | | | | |
| 1131 | Code list identification code | | C | an..17 | X |
| Description: Code identifying a code list. | | | | | |
| 3055 | Code list responsible agency code | | C | an..3 | X |
| Description: Code specifying the agency responsible for a code list. | | | | | |
| 3232 | Second related location name | | C | an..70 | X |
| Description: Name of the second related location. | | | | | |
| 5479 | RELATION CODE | | C | an..3 | X |
| Description: Code specifying a relation. | | | | | |

RFF Reference

Status: M Usage: M Min/Max: 1/1
Group: 3

up

Description:

To specify a reference.

Example:

```
RFF+BN:12345678'  
RFF+ABT:X20110324123456:ITN'  
RFF+AHX+56754.22.3.14'
```

| Tag | Element Name | Status | Type | Usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|----------|--------|----------|------|-------------|-----|--|-----|---|-----|---|-----|---|-----|---|----|---|----|--|----|---|----|---|----|-----------------------|----|-------------------------|----|---|-----|---|
| C506 | REFERENCE | M | | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Description: Identification of a reference.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1153 | Reference code qualifier | M | an..3 | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Description: Code qualifying a reference.</p> <p>Note: Common value(s):</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">code</th> <th style="text-align: left; border-bottom: 1px solid black;">description</th> </tr> </thead> <tbody> <tr> <td>AAZ</td> <td>In case of relevance for US customs system "AMS": SCAC code of Self-Filer.</td> </tr> <tr> <td>ABT</td> <td>AES ITN (Internal Transaction Number) This number is generated by the U.S. Census system, is assigned to the shipment and confirms that the transmission was accepted and is on file in AES.</td> </tr> <tr> <td>ADZ</td> <td>For Japan AFR: Indicator=YES means NVOC will file their house BL and carrier will file their master BL</td> </tr> <tr> <td>AHX</td> <td>Contract line item number (Rate note number= reference assigned to a specific rate). Conditional: Required in all cases where the contract is closed with the booking party and this party has received this reference from HL during a rate exchange Must not occur more than once.</td> </tr> <tr> <td>AMN</td> <td>In case of relevance for Canadian customs system "ACI": CAN 8000 code (assigned by Canadian Customs) of Self-Filer.</td> </tr> <tr> <td>BM</td> <td>Bill of lading number or sea waybill number Used to send preassigned BL numbers to Hapag-Lloyd. Only taken into consideration, when the documentary requirements are specified within FTX segment (FTX+ACA). May be repeated more than once.</td> </tr> <tr> <td>BN</td> <td>Hapag-Lloyd's 8-digit booking number, mandatory for replacements and cancellations</td> </tr> <tr> <td>CT</td> <td>Hapag-Lloyds contract or quotation number, whatever is applicable</td> </tr> <tr> <td>FF</td> <td>Forwarder Reference (will be only processed if Forwarder is provided)</td> </tr> <tr> <td>ON</td> <td>Purchase order number</td> </tr> <tr> <td>SI</td> <td>Communication Reference</td> </tr> <tr> <td>TN</td> <td>Transaction reference number Reference applied to a transaction between two or more parties over a defined life cycle; e.g. number applied by importer or broker to obtain release from Customs, may then used to control declaration through final accounting (synonyms: declaration, entry number).</td> </tr> <tr> <td>UCN</td> <td>UK-UCR number. Typically provided by the exporter or its agent for shipment departing Great Britain</td> </tr> </tbody> </table> | | | | code | description | AAZ | In case of relevance for US customs system "AMS": SCAC code of Self-Filer. | ABT | AES ITN (Internal Transaction Number) This number is generated by the U.S. Census system, is assigned to the shipment and confirms that the transmission was accepted and is on file in AES. | ADZ | For Japan AFR: Indicator=YES means NVOC will file their house BL and carrier will file their master BL | AHX | Contract line item number (Rate note number= reference assigned to a specific rate). Conditional: Required in all cases where the contract is closed with the booking party and this party has received this reference from HL during a rate exchange Must not occur more than once. | AMN | In case of relevance for Canadian customs system "ACI": CAN 8000 code (assigned by Canadian Customs) of Self-Filer. | BM | Bill of lading number or sea waybill number Used to send preassigned BL numbers to Hapag-Lloyd. Only taken into consideration, when the documentary requirements are specified within FTX segment (FTX+ACA). May be repeated more than once. | BN | Hapag-Lloyd's 8-digit booking number, mandatory for replacements and cancellations | CT | Hapag-Lloyds contract or quotation number, whatever is applicable | FF | Forwarder Reference (will be only processed if Forwarder is provided) | ON | Purchase order number | SI | Communication Reference | TN | Transaction reference number Reference applied to a transaction between two or more parties over a defined life cycle; e.g. number applied by importer or broker to obtain release from Customs, may then used to control declaration through final accounting (synonyms: declaration, entry number). | UCN | UK-UCR number. Typically provided by the exporter or its agent for shipment departing Great Britain |
| code | description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AAZ | In case of relevance for US customs system "AMS": SCAC code of Self-Filer. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABT | AES ITN (Internal Transaction Number) This number is generated by the U.S. Census system, is assigned to the shipment and confirms that the transmission was accepted and is on file in AES. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADZ | For Japan AFR: Indicator=YES means NVOC will file their house BL and carrier will file their master BL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AHX | Contract line item number (Rate note number= reference assigned to a specific rate). Conditional: Required in all cases where the contract is closed with the booking party and this party has received this reference from HL during a rate exchange Must not occur more than once. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMN | In case of relevance for Canadian customs system "ACI": CAN 8000 code (assigned by Canadian Customs) of Self-Filer. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BM | Bill of lading number or sea waybill number Used to send preassigned BL numbers to Hapag-Lloyd. Only taken into consideration, when the documentary requirements are specified within FTX segment (FTX+ACA). May be repeated more than once. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BN | Hapag-Lloyd's 8-digit booking number, mandatory for replacements and cancellations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT | Hapag-Lloyds contract or quotation number, whatever is applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FF | Forwarder Reference (will be only processed if Forwarder is provided) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ON | Purchase order number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SI | Communication Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TN | Transaction reference number Reference applied to a transaction between two or more parties over a defined life cycle; e.g. number applied by importer or broker to obtain release from Customs, may then used to control declaration through final accounting (synonyms: declaration, entry number). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UCN | UK-UCR number. Typically provided by the exporter or its agent for shipment departing Great Britain | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1154 | Reference identifier | C | an..70 | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>Description: Identifies a reference.</p> <p>Note: will be mapped as Local Booking Reference if referenced to Forwarder Reference value</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|--|------------------------------|---|--------|---|
| 1156 | Document line identifier | C | an..6 | D |
| <p>Description: To identify a line of a document.</p> <p>Note:</p> <p>When 1153_Reference_Code_Qualifier = "ABT", this element holds the additional customs requirements for AES-ITN.</p> <p>EXM Exempt from AES Filing ITN An ITN Number is required for AES filing OPN Opt 4 Shipper exemption number</p> <p>When 1153_Reference_Code_Qualifier = "UCN", this is the UK-UCR Part number.</p> <p>When 1153_Reference_Code_Qualifier = "ADZ", this element defines whether NVOC requires master from carrier or not.</p> <p>YES Master is required by NVOC NO No master is required by NVOC</p> | | | | |
| 4000 | Reference version identifier | C | an..35 | X |
| <p>Description: To identify the version of a reference.</p> | | | | |
| 1060 | Revision identifier | C | an..6 | X |
| <p>Description: To identify a revision.</p> | | | | |

TDT Details of Transport

Status: M Usage: M Min/Max: 1/1
Group: 7

up

Description:

To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Example:

TDT+20+46E09+1++++:::HONG KONG EXPRESS'

| Tag | Element Name | Status | Type | Usage |
|------|--------------------------------|--------|-------|-------|
| 8051 | TRANSPORT STAGE CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying a specific stage of transport.

Note:

Hapag-Lloyd supports different detailing levels. One main carriage transport (TDT+20) is mandatory. The simplest case is to provide a transport from location A to location B, both locations may be inland locations.
In this case, please provide a TDT+20 segment. In the booking confirmation, Hapag-Lloyd will provide a detailed routing.
This is a best practice and recommended by Hapag-Lloyd.

In case you want to define a more detailed routing, you can use additional TDT segments.
Hapag-Lloyd will consider a maximum of one start point, two via-points and one end point.
Hapag-Lloyd is quite tolerant evaluating the different TDT qualifiers.
Important is the right sequence. If more than one TDT segment with the same qualifier is provided, the sequence within the EDI message is considered.

Qualifiers TDT+12 and TDT+13 are deprecated but supported.
TDT+10 can be used for both inland MH or CH at departure and pre-carriage vessel via repeated occurrence of the qualifier.
TDT+30 can be used for both inland MH or CH at destination and on-carriage vessel via repeated occurrence of the qualifier.

Allowed value(s):

- 12 At departure (inland transport MH or CH) - deprecated, but supported
- 10 Pre-carriage transport (inland and/or vessel)
- 20 Main carriage transport(vessel only)
- 30 On-carriage transport (inland and/or vessel)
- 13 At destination (inland transport MH or CH) - deprecated, but supported

| | | | | |
|------|---------------------------------------|---|--------|---|
| 8028 | MEANS OF TRANSPORT JOURNEY IDENTIFIER | C | an..17 | O |
|------|---------------------------------------|---|--------|---|

Description:
To identify a journey of a means of transport.

Note:

Schedule voyage number

| C220 | | MODE OF TRANSPORT | | C | | O |
|-------------|--|--------------------------|--------|----------|--|----------|
| | Description: Method of transport code or name. Code preferred. | | | | | |
| 8067 | Transport mode name code | C | an..3 | | | O |
| | Description: Code specifying the name of a mode of transport. | | | | | |
| | Note: | | | | | |
| | Common value(s): | | | | | |
| | 1 Maritime transport (mandatory) | | | | | |
| | 2 Rail transport (optional) | | | | | |
| | 3 Road transport (optional) | | | | | |
| | 8 Inland water transport (optional) | | | | | |
| | 23 Combined Rail/Road (optional) | | | | | |
| | 28 Combined Rail/Water | | | | | |
| | 38 Combined Waterway/Road (optional) | | | | | |
| 8066 | Transport mode name | C | an..17 | | | X |
| | Description: Name of a mode of transport. | | | | | |
| C228 | | TRANSPORT MEANS | | C | | O |
| | Description: Code and/or name identifying the type of means of transport. | | | | | |
| 8179 | Transport means description code | C | an..8 | | | X |
| | Description: Code specifying the means of transport. | | | | | |
| 8178 | Transport means description | C | an..17 | | | O |
| | Description: Free form description of the means of transport. | | | | | |
| | Note: | | | | | |
| | Hapag-Lloyd's DP voyage number | | | | | |
| C040 | | CARRIER | | C | | X |
| | Description: Identification of a carrier by code and/or by name. Code preferred. | | | | | |
| 3127 | Carrier identifier | C | an..17 | | | X |
| | Description: To identify a carrier. | | | | | |
| 1131 | Code list identification code | C | an..17 | | | X |
| | Description: Code identifying a code list. | | | | | |
| 3055 | Code list responsible agency code | C | an..3 | | | X |
| | Description: Code specifying the agency responsible for a code list. | | | | | |
| 3128 | Carrier name | C | an..35 | | | X |
| | Description: Name of a carrier. | | | | | |
| 8101 | TRANSIT DIRECTION INDICATOR CODE | C | an..3 | | | X |
| | Description: Code specifying the direction of transport. | | | | | |

| C401 | | EXCESS TRANSPORTATION INFORMATION | | C | | X |
|-------------|--|--|--------|----------|--|----------|
| | Description: To provide details of reason for, and responsibility for, use of transportation other than normally utilized. | | | | | |
| 8457 | Excess transportation reason code | M | an..3 | | | X |
| | Description: Code specifying the reason for excess transportation. | | | | | |
| 8459 | Excess transportation responsibility code | M | an..3 | | | X |
| | Description: Code specifying the responsibility for excess transportation. | | | | | |
| 7130 | Customer shipment authorisation identifier | C | an..17 | | | X |
| | Description: To identify the authorisation to ship issued by the customer. | | | | | |
| C222 | | TRANSPORT IDENTIFICATION | | C | | O |
| | Description: Code and/or name identifying the means of transport. | | | | | |
| 8213 | Transport means identification name identifier | C | an..9 | | | O |
| | Description: Identifies the name of the transport means. | | | | | |
| 1131 | Code list identification code | C | an..17 | | | X |
| | Description: Code identifying a code list. | | | | | |
| 3055 | Code list responsible agency code | C | an..3 | | | X |
| | Description: Code specifying the agency responsible for a code list. | | | | | |
| 8212 | Transport means identification name | C | an..35 | | | M |
| | Description: Name identifying a means of transport. | | | | | |
| | Note: Name of vessel | | | | | |
| 8453 | Transport means nationality code | C | an..3 | | | X |
| | Description: Code specifying the nationality of a means of transport. | | | | | |
| 8281 | TRANSPORT MEANS OWNERSHIP INDICATOR CODE | C | an..3 | | | X |
| | Description: Code indicating the ownership of a means of transport. | | | | | |

LOC Place/Location Identification

Status: M Usage: M Min/Max: 1/1
Group: 8

up

Description:

To identify a place or a location and/or related locations.

Example:

LOC+11+USNYC:::NEW YORK'

| Tag | Element Name | Status | Type | Usage |
|------|----------------------------------|--------|-------|-------|
| 3227 | LOCATION FUNCTION CODE QUALIFIER | M | an..3 | M |

Description:
Code identifying the function of a location.

Note:

Allowed value(s):

| | |
|----|---|
| 88 | Place of Receipt (inland) |
| 9 | Place / Port of loading - Seaport, freight terminal, rail station or other place at which the goods(cargo) are loaded on to the means of transport being used for their carriage (mandatory for vessel in TDT+20, valid for all other Modes of Transport). |
| 11 | Place/port of discharge - Seaport, freight terminal, rail station or other place at which the goods(cargo) are unloaded from the means of transport having been used for their carriage (mandatory for vessel in TDT+20, valid for all other Modes of Transport). |
| 7 | Place of delivery (inland) |

Qualifiers 88 and 7 may only occur once, but 9 and 11 are allowed multiple times. The order of the LOC segments transmitted has to reflect the order of the transport routing.

The following LOC qualifiers are deprecated and will be translated into supported ones as specified below:

| Deprecated | Supported |
|-----------------------------------|-----------|
| 80 - Place of dispatch (inland) | 88 |
| 76 - Original port of loading | 9 |
| 12 - Port of discharge | 11 |
| 170 - Final port of discharge | 11 |
| 8 - Place of destination (inland) | 7 |

| C517 | LOCATION IDENTIFICATION | C | | O |
|------|---|---|---------|---|
| | Description: Identification of a location by code or name. | | | |
| 3225 | Location name code | C | an..25 | M |
| | Description: Code specifying the name of the location. | | | |
| | Note: UN location code | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 3224 | Location name | C | an..256 | O |
| | Description: Name of the location. | | | |
| | Note: Location long name | | | |
| C519 | RELATED LOCATION ONE IDENTIFICATION | C | | X |
| | Description: Identification the first related location by code or name. | | | |
| 3223 | First related location name code | C | an..25 | X |
| | Description: Code specifying first related location. | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 3222 | First related location name | C | an..70 | X |
| | Description: Name of first related location. | | | |

| C553 | RELATED LOCATION TWO IDENTIFICATION | C | | X |
|------|---|---|--------|---|
| | Description: Identification of second related location by code or name. | | | |
| 3233 | Second related location name code | C | an..25 | X |
| | Description: Code specifying the second related location. | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 3232 | Second related location name | C | an..70 | X |
| | Description: Name of the second related location. | | | |
| 5479 | RELATION CODE | C | an..3 | X |
| | Description: Code specifying a relation. | | | |

DTM Date/Time/Period

| | | |
|-----------|----------|--------------|
| Status: C | Usage: O | Min/Max: 0/9 |
| Group: 8 | | |

up

Description:

To specify date, and/or time, or period.

Example:

```
DTM+133:201001022200:203'
```

| Tag | Element Name | Status | Type | Usage |
|-------------|--|--------|----------|----------|
| C507 | DATE/TIME/PERIOD | | M | M |
| | Description: Date and/or time, or period relevant to the specified date/time/period type. | | | |
| 2005 | Date or time or period function code qualifier | M | an..3 | M |
| | Description: Code qualifying the function of a date, time or period. | | | |
| | Note: Common value(s): 133 departure date/time 132 arrival date/time | | | |
| 2380 | Date or time or period value | C | an..35 | M |
| | Description: The value of a date, a date and time, a time or of a period in a specified representation. | | | |
| | Note: Each time sent in this segment should be local time of the referring location (preceding LOC-segment). | | | |
| 2379 | Date or time or period format code | C | an..3 | M |
| | Description: Code specifying the representation of a date, time or period. | | | |
| | Note: Common value(s): 102 CCYYMMDD | | | |

NAD Name and Address

Status: M Usage: M Min/Max: 1/1
Group: 10

up

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Note:

One NAD segment with qualifier OY is mandatory. It represents the party ordering the shipment.

For the routing of the shipment at least two LOC or NAD segments are mandatory within the message to indicate the start point and the end point of the shipment.

It is possible to send more than one NAD segment with qualifier SF to represent a multistop precarriage. The sequence of the respective segments represents the sequence of the multistop addresses. All other qualifiers are mutually exclusive.

Example:

Common value(s):

NAD+OY+123456:ABC:86'

NAD+FW++FREIGHT FORWARDER:ADDRESS LINE 2:ADDRESS LINE 3'

| Tag | Element Name | Status | Type | Usage |
|------|-------------------------------|--------|-------|-------|
| 3035 | PARTY FUNCTION CODE QUALIFIER | M | an..3 | M |

| | |
|--|--|
| Description: | |
| Code giving specific meaning to a party. | |
| Note: | |
| Common value(s): | |
| CZ | Shipper (mandatory only for USA export) |
| CB | Agent or representative or a professional Customs clearing agent who deals directly with Customs on behalf of the importer or exporter (CCC). |
| FW | Freight Forwarder |
| PC | Actual Purchasers Customer: Party the purchaser within the actual message is selling the ordered goods or services to. |
| RP | Routing party: Party responsible for the selection of the carrier(s). Also party having signed the contract or quotation which is mentioned under RFF+CT (segment group 3) |
| OY | Ordering Customer (mandatory) |
| SF | Ship from (Start address of the shipment. Should only be sent for door shipments at export side, when TSR 4065_Contract_And_Carriage_Condition_Code = 27 or 28) |
| ST | Ship to (End address of the shipment. Should only be sent for door shipments at import side, when TSR 4065_Contract_And_Carriage_Condition_Code = 27 or 29) |
| FP | Freight charges payer any payer of freight charges which is not mentioned under FW, OY, CZ. Can occur multiple times. |

| C082 | PARTY IDENTIFICATION DETAILS | C | | D |
|------|---|---|--------|---|
| | Description: Identification of a transaction party by code. | | | |
| 3039 | Party identifier | M | an..35 | M |
| | Description: Code specifying the identity of a party. Note: Code identifying a party/address involved in the shipment. The code list may be specified in a bilateral agreement between CUSTOMER and Hapag-Lloyd. | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | M |
| | Description: Code specifying the agency responsible for a code list. Note: Common value(s): 6 Hapag-Lloyd's internal organisation number 86 Bilateral assignment | | | |
| C058 | NAME AND ADDRESS | C | | D |
| | Description: Unstructured name and address: one to five lines. Note: Name and address of organisation. | | | |
| 3124 | Name and address description [1..5] | M | an..35 | M |
| | Description: Free form description of a name and address line. | | | |

| C080 | | PARTY NAME | | C | | O |
|-------------|---|-----------------------------------|--------|----------|--|----------|
| | Description: Identification of a transaction party by name, one to five lines. Party name may be formatted. | | | | | |
| 3036 | Party name | M | an..35 | | | M |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3045 | Party name format code | C | an..3 | | | X |
| | Description: Code specifying the representation of a party name. | | | | | |
| C059 | | STREET | | C | | O |
| | Description: Street address and/or PO Box number in a structured address: one to four lines. | | | | | |
| 3042 | Street and number or post office box identifier [1..4] | M | an..35 | | | M |
| | Description: To identify a street and number and/or Post Office box number. | | | | | |
| 3164 | CITY NAME | C | an..35 | | | O |
| | Description: Name of a city. | | | | | |
| C819 | | COUNTRY SUB-ENTITY DETAILS | | C | | X |
| | Description: To specify a part of a country (eg county or part of a city). | | | | | |
| 3229 | Country sub-entity name code | C | an..9 | | | X |
| | Description: Code specifying the name of a country sub-entity. | | | | | |
| 1131 | Code list identification code | C | an..17 | | | X |
| | Description: Code identifying a code list. | | | | | |
| 3055 | Code list responsible agency code | C | an..3 | | | X |
| | Description: Code specifying the agency responsible for a code list. | | | | | |
| 3228 | Country sub-entity name | C | an..35 | | | X |
| | Description: Name of a country sub-entity. | | | | | |
| 3251 | POSTAL IDENTIFICATION CODE | C | an..17 | | | X |

Description:
Code specifying the postal zone or address.

3207 COUNTRY NAME CODE C an..3 X

Description:
Identification of the name of the country or other geographical entity as specified in ISO 3166.

CTA Contact Information

| | | |
|-----------|----------|--------------|
| Status: M | Usage: D | Min/Max: 1/1 |
| Group: 11 | | |

up

Description:

To identify a person or a department to whom communication should be directed.

| Tag | Element Name | Status | Type | Usage |
|---|-----------------------|--------|-------|-------|
| 3139 | CONTACT FUNCTION CODE | C | an..3 | M |
| <p>Description: Code specifying the function of a contact (e.g. department or person).</p> <p>Note: Information Contact for this specific party.</p> <p>Example: CTA+IC+:CONTACT NAME'</p> | | | | |

| C056 | DEPARTMENT OR EMPLOYEE DETAILS | C | | O |
|---|----------------------------------|---|--------|---|
| <p>Description: Code and/or name of a department or employee. Code preferred.</p> | | | | |
| 3413 | Department or employee name code | C | an..17 | X |
| <p>Description: Code specifying the name of a department or employee.</p> | | | | |
| 3412 | Department or employee name | C | an..35 | O |
| <p>Description: Name of a department or employee.</p> <p>Note: Name of employee</p> | | | | |

COM Communication Contact

| | | |
|-----------|----------|--------------|
| Status: C | Usage: O | Min/Max: 0/9 |
| Group: 11 | | |

up

Description:

To identify a communication number of a department or a person to whom communication should be directed.

| Tag | Element Name | Status | Type | Usage |
|-------------|--|----------|---------|----------|
| C076 | COMMUNICATION CONTACT [1..3] | M | | M |
| | <p>Description: Communication number of a department or employee in a specified channel.</p> <p>Example:</p> <p>COM+CONTACT NUM:TE'</p> | | | |
| 3148 | Communication address identifier | M | an..512 | M |
| | <p>Description: To identify a communication address.</p> | | | |
| 3155 | Communication address code qualifier | M | an..3 | M |
| | <p>Description: Code qualifying the communication address.</p> <p>Note:</p> <p>Common value(s):</p> <p>EM electronic mail</p> <p>TE telephone</p> | | | |

RFF Reference

Status: M Usage: O Min/Max: 1/1
Group: 13

up

Description:

To specify a reference.

Note:

Reference of the respective party-function. Only one occurrence allowed for each party.

Example:

RFF+ZZZ:Shippers Reference'

| Tag | Element Name | Status | Type | Usage |
|-------------|---|----------|--------|----------|
| C506 | REFERENCE | M | | M |
| | Description: Identification of a reference. | | | |
| 1153 | Reference code qualifier | M | an..3 | M |
| | Description: Code qualifying a reference. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | ZZZ Reference of the party provided in preceding NAD-Segment. | | | |
| | AMV Department number Optional, Only allowed when NAD Qualifier='OY', Recommended for shipments from/to US. | | | |
| 1154 | Reference identifier | C | an..70 | M |
| | Description: Identifies a reference. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | NVOCC The order was placed by the NVOCC organisation of the ordering customer, qualifier AMV | | | |
| | FORWARDER The order was placed by forwarding organisation of the ordering customer, qualifier AMV | | | |
| 1156 | Document line identifier | C | an..6 | X |
| | Description: To identify a line of a document. | | | |
| 4000 | Reference version identifier | C | an..35 | X |
| | Description: To identify the version of a reference. | | | |
| 1060 | Revision identifier | C | an..6 | X |
| | Description: To identify a revision. | | | |

CPI Charge Payment Instructions

Status: M Usage: O Min/Max: 1/1
Group: 14

up

Description:

To identify a charge.

Note:

Charge category code

| Tag | Element Name | Status | Type | Usage |
|-------------|--|----------|--------|----------|
| C229 | CHARGE CATEGORY | C | | O |
| | Description: Identification of a category or a zone of charges. | | | |
| 5237 | Charge category code | M | an..3 | M |
| | Description: Code specifying the category of charges. Note: Which charges are to be paid by this party: 1 All charges 2 Additional charges. Charges calculated by the carrier for specific events like re-weighting, re-loading, unexpected operations, services required during the voyage, etc. 3 Basic freight and all surcharges related to basic freight 4 Basic freight 5 Destination haulage charges incl. any surcharges 7 Destination port charges 8 Miscellaneous charges 10 Origin port charges 11 Origin haulage charges and surcharges 21 B/L fees (Supply of non-categorised documentation in paper form) 22 Customs export (Supply of customs formalities, export) 24 Customs import (Supply of customs formalities, import) | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| C231 | METHOD OF PAYMENT | C | | X |
| | Description: Code identifying the method of payment. | | | |
| 4215 | Transport charges payment method code | M | an..3 | X |
| | Description: Code specifying the payment method for transport charges. | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 4237 | PAYMENT ARRANGEMENT CODE | C | an..3 | O |

Description:

Code specifying the arrangements for a payment.

Note:

Whether the respective charges are prepaid or collect

- | | |
|---|--|
| C | Collect. The charges are to be paid by the responsible party at the arrival of the vessel in the discharge port. |
| P | Prepaid. The charges are to be prepaid by the responsible party latest prior sailing from the load port. |

GID Goods Item Details

Status: M Usage: M Min/Max: 1/1
Group: 16

up

Description:

To indicate totals of a goods item.

Note:

At least one GID segment has to be transmitted.

GID rules: At least the outer package (1st packing level) has to be sent. For hazardous cargo, the inner package (2nd packing level) may also be required. The inner-inner package (3rd packing level) may be provided, if there are multiple hazardous cargoes in the same inner package. 'PALLETS' must not be reported as package type but may be sent within the commodity description or as part of the package description.

In case of different inner- and inner-inner-packages within one outer package, the same GID sequential counter (1496_Goods_Item_Number) has to be used. For the outer package, the first composite C213 has to be used. For the inner package, the first composite C213 will be empty and the second composite C213 will be used.

Example:

Outer package without inner package:

GID+1+20:CR:::CRATE'

Outer package with one inner package:

GID+1+20:CR:::CRATE+50:CT:::CARTONS'

Outer package with two inner packages:

GID+1+20:CR:::CRATE'

GID+1++25:CT:::CARTONS'

GID+1++25:CT:::CARTONS'

| Tag | Element Name | Status | Type | Usage |
|---|-------------------|--------|------|-------|
| 1496 | GOODS ITEM NUMBER | C | n..5 | M |
| <p>Description: To specify a goods item within a consignment.</p> <p>Note:</p> <p style="background-color: #f0f0f0;">Sequential counter</p> | | | | |

| C213 | NUMBER AND TYPE OF PACKAGES [0..5] | C | | O |
|------|---|---|--------|---|
| | <p>Description: Number and type of individual parts of a shipment.</p> <p>Note: The first composite represents the outer packing. The second composite represents the inner packing. The third composite (only required for multiple DG cargoes in one inner packing) represents the inner-inner packing.</p> | | | |
| 7224 | Package quantity | C | n..8 | M |
| | <p>Description: To specify the number of packages.</p> <p>Note: Package quantity</p> | | | |
| 7065 | Package type description code | C | an..17 | D |
| | <p>Description: Code specifying the type of package.</p> <p>Note: Code of package, UN package codes should be used.</p> | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | <p>Description: Code identifying a code list.</p> | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | <p>Description: Code specifying the agency responsible for a code list.</p> | | | |
| 7064 | Type of packages | C | an..35 | D |
| | <p>Description: Description of the form in which goods are presented.</p> <p>Note: Package description</p> | | | |
| 7233 | Packaging related description code | C | an..3 | X |
| | <p>Description: Code specifying information related to packaging.</p> | | | |

PIA Additional Product Id

Status: C Usage: O Min/Max: 0/9
Group: 16

up

Description:

To specify additional or substitutional item identification codes.

Example:

PIA+5+123456:HS'

| Tag | Element Name | Status | Type | Usage |
|---|--|----------|--------|----------|
| 4347 | PRODUCT IDENTIFIER CODE QUALIFIER | M | an..3 | M |
| Description: Code qualifying the product identifier. Note: Common value(s): 5 Product identification | | | | |
| C212 | ITEM NUMBER IDENTIFICATION [1..5] | M | | M |
| Description: Goods identification for a specified source. | | | | |
| 7140 | Item identifier | C | an..35 | M |
| Description: To identify an item. Note: This field must not contain dots '.' and blank spaces ' ' Valid example: 010190 Invalid example: 010.190 In case of Qualifier 'CG' Commodity group code is required when the cargo enjoy a dedicated rate within the contract as mentioned in G3-RFF-1153/CT because of the commodity group. The code to use is provided by HL within the contract. If the code is not sent, then the usual rates of the contract as rated in SG3-RFF-1153/CT are applicable. | | | | |
| 7143 | Item type identification code | C | an..3 | M |
| Description: Coded identification of an item type. Note: Common value(s): HS Harmonized system 6 character classification codes from the World Customs Organization (WCO) Harmonized System (HS)Schedule. CG Commodity group code The code stipulated in Hapag Lloyd's contract or quotation for which a specific rate is applicable. CG is required when the cargo enjoys a dedicated rate within the contract as mentioned in SG3-RFF-1153/CT because of the commodity group. If this detail is not sent and also a corresponding free text in SG16-FTX-4451/AED is not sent, then the usual rates of the contract as rated in SG3-RF F-1153/CT are applicable. | | | | |
| 1131 | Code list identification code | C | an..17 | X |
| Description: Code identifying a code list. | | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| Description: Code specifying the agency responsible for a code list. | | | | |

FTX Free Text

| | | |
|-----------|----------|--------------|
| Status: C | Usage: M | Min/Max: 0/9 |
| Group: 16 | | |

up

Description:

To provide free form or coded text information.

Example:

```
FTX+AAA+++MICROWAVE OVENS'
```

| Tag | Element Name | Status | Type | Usage |
|--|-----------------------------------|----------|---------|----------|
| 4451 | TEXT SUBJECT CODE QUALIFIER | M | an..3 | M |
| <p>Description: Code qualifying the subject of the text.</p> <p>Note: Common value(s): AAA Goods description</p> <p>AED is required when the cargo enjoy a dedicated rate within the contract as mentioned in SG3-RFF-1153/CT because of the commodity group. If this detail is not sent and also not SG18-PIA-7143/CG, then the usual rates of the contract as rated in SG3-RF F-1153/CT are applicable.</p> | | | | |
| 4453 | FREE TEXT FUNCTION CODE | C | an..3 | X |
| <p>Description: Code specifying the function of free text.</p> | | | | |
| C107 | TEXT REFERENCE | C | | X |
| <p>Description: Coded reference to a standard text and its source.</p> | | | | |
| 4441 | Free text value code | M | an..17 | X |
| <p>Description: Code specifying free form text.</p> | | | | |
| 1131 | Code list identification code | C | an..17 | X |
| <p>Description: Code identifying a code list.</p> | | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| <p>Description: Code specifying the agency responsible for a code list.</p> | | | | |
| C108 | TEXT LITERAL | C | | O |
| <p>Description: Free text; one to five lines.</p> | | | | |
| 4440 | Free text value [1..5] | M | an..512 | D |
| <p>Description: Free form text.</p> <p>Note: Descripton value</p> | | | | |
| 3453 | LANGUAGE NAME CODE | C | an..3 | X |
| <p>Description: Code specifying the language name.</p> | | | | |
| 4447 | FREE TEXT FORMAT CODE | C | an..3 | X |

Description:

Code specifying the format of free text.

MEA Measurements

Status: M Usage: O Min/Max: 1/1
Group: 18

up

Description:

To specify physical measurements, including dimension tolerances, weights and counts.

Example:

```
MEA+WT+AAE+KGM:5100'
MEA+WT+AAL+KGM:5000'
MEA+VOL+AAW+MTQ:2.5'
```

| Tag | Element Name | Status | Type | Usage |
|------|------------------------------------|--------|-------|-------|
| 6311 | MEASUREMENT PURPOSE CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying the purpose of the measurement.

Note:

Common value(s):

| | |
|-----|--------|
| WT | weight |
| VOL | volume |

| C502 | MEASUREMENT DETAILS | C | | O |
|------|--|---|--------|---|
| | Description: Identification of measurement type. | | | |
| 6313 | Measured attribute code | C | an..3 | M |
| | Description: Code specifying the attribute measured. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | AAE gross weight | | | |
| | AAL net weight | | | |
| | AAW gross volume | | | |
| 6321 | Measurement significance code | C | an..3 | X |
| | Description: Code specifying the significance of a measurement. | | | |
| 6155 | Non-discrete measurement name code | C | an..17 | X |
| | Description: Code specifying the name of a non-discrete measurement. | | | |
| 6154 | Non-discrete measurement name | C | an..70 | X |
| | Description: Name of a non-discrete measurement. | | | |

| C174 | VALUE/RANGE | C | | O | | | | | | | | |
|---|-----------------------------|---|--------|---|-----|------------|-----|-------------|-----|----------|-----|-------|
| 6411 | Measurement unit code | M | an..3 | M | | | | | | | | |
| <p>Description: Measurement value and relevant minimum and maximum values of the measurement range.</p> <p>Description: Code specifying the unit of measurement.</p> <p>Note:</p> <p>Common value(s):</p> <table border="0"> <tr> <td>FTQ</td> <td>cubic foot</td> </tr> <tr> <td>MTQ</td> <td>cubic metre</td> </tr> <tr> <td>KGM</td> <td>kilogram</td> </tr> <tr> <td>LBR</td> <td>pound</td> </tr> </table> | | | | | FTQ | cubic foot | MTQ | cubic metre | KGM | kilogram | LBR | pound |
| FTQ | cubic foot | | | | | | | | | | | |
| MTQ | cubic metre | | | | | | | | | | | |
| KGM | kilogram | | | | | | | | | | | |
| LBR | pound | | | | | | | | | | | |
| 6314 | Measurement value | C | an..18 | O | | | | | | | | |
| <p>Description: To specify the value of a measurement.</p> <p>Note:</p> <p>The value should have maximum three decimal places. The decimal point does not count in the total number of characters.</p> | | | | | | | | | | | | |
| 6162 | Range minimum value | C | n..18 | X | | | | | | | | |
| <p>Description: To specify the minimum value of a range.</p> | | | | | | | | | | | | |
| 6152 | Range maximum value | C | n..18 | X | | | | | | | | |
| <p>Description: To specify the maximum value of a range.</p> | | | | | | | | | | | | |
| 6432 | Significant digits quantity | C | n..2 | X | | | | | | | | |
| <p>Description: Count of the number of significant digits.</p> | | | | | | | | | | | | |
| 7383 | SURFACE OR LAYER CODE | C | an..3 | X | | | | | | | | |
| <p>Description: Code specifying the surface or layer of an object.</p> | | | | | | | | | | | | |

RFF Reference

Status: M Usage: O Min/Max: 1/1
Group: 20

up

Description:

To specify a reference.

Example:

RFF+ON: PURCHASE ORDER NO'

| Tag | Element Name | Status | Type | Usage |
|-------------|--|--------|----------|----------|
| C506 | REFERENCE | | M | M |
| | Description: Identification of a reference. | | | |
| 1153 | Reference code qualifier | | M an..3 | M |
| | Description: Code qualifying a reference. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | ABW Stock keeping unit number | | | |
| | AKG Vehicle identification number | | | |
| | AMN Canadian Cargo Control Number | | | |
| | ON Purchase order number | | | |
| | UCN UK-UCR number. Typically provided by the Exporter or its Agent for shipment departing Great Britain. | | | |
| 1154 | Reference identifier | | C an..70 | M |
| | Description: Identifies a reference. | | | |
| | Note: | | | |
| | Reference value | | | |
| 1156 | Document line identifier | | C an..6 | D |
| | Description: To identify a line of a document. | | | |
| | Note: | | | |
| | When 1153_Reference_Code_Qualifier = "UCN", this is the UK-UCR Part number. | | | |
| 4000 | Reference version identifier | | C an..35 | X |
| | Description: To identify the version of a reference. | | | |
| 1060 | Revision identifier | | C an..6 | X |
| | Description: To identify a revision. | | | |

SGP Split Goods Placement

Status: M Usage: M Min/Max: 1/1
Group: 25

up

Description:

To specify the placement of goods in relation to equipment.

Note:

At least one SGP segment has to be transmitted. It should only be sent for the first package level (outer package).

Example:

SGP+01+30'

| Tag | Element Name | Status | Type | Usage |
|-------------|---|----------|--------|----------|
| C237 | EQUIPMENT IDENTIFICATION | M | | M |
| | Description: Marks (letters/numbers) identifying equipment. | | | |
| 8260 | Equipment identifier | C | an..17 | O |
| | Description: To identify equipment. | | | |
| | Note: Container-number or sequential number. Numbers that are transmitted in this data element must also occur in data element 8260 of the EQD segment. Format of container number: PPPPNNNNNNN with PPPP = Prefix N...N = Number | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 3207 | Country name code | C | an..3 | X |
| | Description: Identification of the name of the country or other geographical entity as specified in ISO 3166. | | | |
| 7224 | PACKAGE QUANTITY | C | n..8 | O |
| | Description: To specify the number of packages. | | | |
| | Note: The amount of packages per container. Only required in case a cargo is splitted into different containers. Summed-up it should be equal to the number of packages in the Group16:GID:C213_Number_And_Type_Of_Packages:X7224_Package_Quantity. | | | |

MEA Measurements

Status: M Usage: M Min/Max: 1/1
Group: 26

up

Description:

To specify physical measurements, including dimension tolerances, weights and counts.

Note:

Sending of at least the gross weight of the split goods items is required when more than one SGP segment follows one GID. In case of DG cargo also the net weight of the split goods items is required.

Example:

MEA+WT+AAE+KGM:1275'

| Tag | Element Name | Status | Type | Usage |
|--|------------------------------------|----------|--------|----------|
| 6311 | MEASUREMENT PURPOSE CODE QUALIFIER | M | an..3 | M |
| <p>Description: Code qualifying the purpose of the measurement.</p> <p>Note: Common value(s): WT weight VOL volume</p> | | | | |
| C502 | MEASUREMENT DETAILS | C | | O |
| <p>Description: Identification of measurement type.</p> | | | | |
| 6313 | Measured attribute code | C | an..3 | M |
| <p>Description: Code specifying the attribute measured.</p> <p>Note: Common value(s): AAE gross weight AAL net weight AAW gross volume</p> | | | | |
| 6321 | Measurement significance code | C | an..3 | X |
| <p>Description: Code specifying the significance of a measurement.</p> | | | | |
| 6155 | Non-discrete measurement name code | C | an..17 | X |
| <p>Description: Code specifying the name of a non-discrete measurement.</p> | | | | |
| 6154 | Non-discrete measurement name | C | an..70 | X |
| <p>Description: Name of a non-discrete measurement.</p> | | | | |

| C174 | VALUE/RANGE | C | | O |
|------|--|---|--------|---|
| | Description: Measurement value and relevant minimum and maximum values of the measurement range. | | | |
| 6411 | Measurement unit code | M | an..3 | M |
| | Description: Code specifying the unit of measurement. Note: Common value(s): FTQ cubic foot MTQ cubic metre KGM kilogram LBR pound | | | |
| 6314 | Measurement value | C | an..18 | O |
| | Description: To specify the value of a measurement. Note: The value should have maximum three decimal places. The decimal point does not count in the total number of characters. | | | |
| 6162 | Range minimum value | C | n..18 | X |
| | Description: To specify the minimum value of a range. | | | |
| 6152 | Range maximum value | C | n..18 | X |
| | Description: To specify the maximum value of a range. | | | |
| 6432 | Significant digits quantity | C | n..2 | X |
| | Description: Count of the number of significant digits. | | | |
| 7383 | SURFACE OR LAYER CODE | C | an..3 | X |
| | Description: Code specifying the surface or layer of an object. | | | |

DGS Dangerous Goods

| | | |
|-----------|----------|--------------|
| Status: M | Usage: M | Min/Max: 1/1 |
| Group: 27 | | |

up

Description:

To identify dangerous goods.

Note:

The DGS segment is required for transportation of Dangerous Goods. Only one DGS segment is allowed for each Cargo.

Example:

DGS+IMD+3.2+1993+43.3:CEL+2+EMSNBR++++8:3

| Tag | Element Name | Status | Type | Usage |
|---|--|----------|--------|----------|
| 8273 | DANGEROUS GOODS REGULATIONS CODE | C | an..3 | O |
| <p>Description: Code specifying a dangerous goods regulation.</p> <p>Note: IMD IMO IMDG Code</p> | | | | |
| C205 | HAZARD CODE | C | | O |
| <p>Description: The identification of the dangerous goods in code.</p> | | | | |
| 8351 | Hazard identification code | M | an..7 | M |
| <p>Description: Code identifying a hazard.</p> <p>Note: 1st IMO class</p> | | | | |
| 8078 | Additional hazard classification identifier | C | an..7 | O |
| <p>Description: To identify an additional hazard classification.</p> | | | | |
| 8092 | Hazard code version identifier | C | an..10 | X |
| <p>Description: To identify the version number of a hazard code.</p> | | | | |
| C234 | UNDG INFORMATION | C | | O |
| <p>Description: Information on dangerous goods, taken from the United Nations Dangerous Goods classification.</p> | | | | |
| 7124 | United Nations Dangerous Goods (UNDG) identifier | C | n4 | M |
| <p>Description: The unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.</p> <p>Note: UN number</p> | | | | |
| 7088 | Dangerous goods flashpoint value | C | an..8 | X |
| <p>Description: To specify the value of the flashpoint of dangerous goods.</p> | | | | |

| C223 | DANGEROUS GOODS SHIPMENT FLASHPOINT | C | | O |
|------|---|---|--------|---|
| 7106 | Description: Temperature at which a vapor can be ignited as per ISO 1523/73. | C | n3 | M |
| | Shipment flashpoint value | | | |
| 6411 | Description: To specify the value of the flashpoint of a shipment. Note: If the temperature value is negative, the minus-sign ('-') must be transmitted in data element 7106. The minus-sign and/or the decimal point do not count in the total number of characters. The value should have one decimal place maximum. | C | an..3 | M |
| | Measurement unit code Description: Code specifying the unit of measurement. Note: Common value(s): CEL Celsius FAH Fahrenheit | | | |
| 8339 | PACKAGING DANGER LEVEL CODE | C | an..3 | O |
| | Description: Code specifying the level of danger for which the packaging must cater. Note: Common value(s): 1 Great danger Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations. 2 Medium danger Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IDMG/ADR/RID regulations. 3 Minor danger Packaging meeting criteria to pack hazardous materials with minor danger. Group III according to IATA/IDMG/ADR/RID regulations. | | | |
| 8364 | EMERGENCY PROCEDURE FOR SHIPS IDENTIFIER | C | an..6 | O |
| | Description: To identify the emergency procedure number for ships transporting dangerous goods. Synonym: EMS Number. | | | |
| 8410 | HAZARD MEDICAL FIRST AID GUIDE IDENTIFIER | C | an..4 | X |
| | Description: To identify a Medical First Aid Guide (MFAG) for hazardous goods. | | | |
| 8126 | TRANSPORT EMERGENCY CARD IDENTIFIER | C | an..10 | X |
| | Description: To identify a transport emergency (TREM) card. | | | |
| C235 | HAZARD IDENTIFICATION PLACARD DETAILS | C | | X |
| 8158 | Description: These numbers appear on the hazard identification placard required on the means of transport. | C | an..4 | X |
| | Orange hazard placard upper part identifier | | | |
| 8186 | Description: To specify the identity number for the upper part of the orange hazard placard required on the means of transport. | C | an4 | X |
| | Orange hazard placard lower part identifier | | | |
| | Description: To specify the identity number for the lower part of the orange hazard placard required on the means of transport. | | | |

| C236 | DANGEROUS GOODS LABEL | C | | O |
|------|---|---|-------|---|
| | <p>Description: Markings identifying the type of hazardous goods and similar information.</p> <p>Note: If more than one IMO class is valid for the cargo, the additional classes must be sent here.</p> | | | |
| 8246 | Dangerous goods marking identifier [0..3] | C | an..4 | O |
| | <p>Description: To identify the marking of dangerous goods.</p> <p>Note: First occurrence represents the 2nd IMO class, second occurrence represents the 3rd IMO class.</p> | | | |
| 8255 | PACKING INSTRUCTION TYPE CODE | C | an..3 | X |
| | <p>Description: Code specifying a type of packing instruction.</p> | | | |
| 8325 | HAZARDOUS MEANS OF TRANSPORT CATEGORY CODE | C | an..3 | X |
| | <p>Description: Code specifying the category of means of transport for carrying hazardous goods.</p> | | | |
| 8211 | HAZARDOUS CARGO TRANSPORT AUTHORISATION CODE | C | an..3 | X |
| | <p>Description: Code specifying the authorisation for the transportation of hazardous cargo.</p> | | | |

FTX Free Text

Status: C Usage: M Min/Max: 0/99
Group: 27

up

Description:

To provide free form or coded text information.

Example:

```
FTX+AAD++PSN+PROPER DANGEROUS SHIPPING NAME'
FTX+AAD++TN+DANGEROUS GOODS TECHNICAL SHIPPING NAME'
FTX+AAD++TLQ'
FTX+AAC++DANGEROUS GOODS ADDITIONAL INFORMATION'
FTX+AAC++P'
FTX+PKG++1A2'
FTX+HAN++4'
FTX+AAC++SEG:122:ZZZ+12:Nitrites and their mixtures'
```

| Tag | Element Name | Status | Type | Usage |
|------|-----------------------------|--------|-------|-------|
| 4451 | TEXT SUBJECT CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying the subject of the text.

Note:

Common value(s):

| | |
|-----|--|
| AAD | dangerous goods technical name |
| AAC | dangerous goods additional information |
| PKG | packing information |
| HAN | handling instructions |

| | | | | |
|------|-------------------------|---|-------|---|
| 4453 | FREE TEXT FUNCTION CODE | C | an..3 | X |
|------|-------------------------|---|-------|---|

Description:
Code specifying the function of free text.

| C107 | | TEXT REFERENCE | C | | O |
|------|-----------------------------------|--|---|---------|---|
| | | Description: Coded reference to a standard text and its source. | | | |
| 4441 | Free text value code | | M | an..17 | M |
| | | Description: Code specifying free form text. Note: Common value(s): GAS Gas LQD Liquid SLD Solid NP Non-marine pollutant P Marine pollutant SEG IMDG Segregation Group Those values may be sent when 4451_Text_Subject_Code_Qualifier = AAC. GAS (Gas), LQD (Liquid), SLD (Solid) are mutually exclusive. NP (Non-marine pollutant), P (Marine pollutant) are mutually exclusive. PSN Proper dangerous goods shipping name TN Dangerous goods technical name TLQ Transport of dangerous goods in limited quantities TEQ Transport of dangerous goods in excepted quantities Those values may be sent when 4451_Text_Subject_Code_Qualifier = AAD. 4 Empty, uncleaned receptacle This value has to be sent when 4451_Text_Subject_Code_Qualifier = HAN. | | | |
| 1131 | Code list identification code | | C | an..17 | X |
| | | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | | C | an..3 | X |
| | | Description: Code specifying the agency responsible for a code list. | | | |
| C108 | | TEXT LITERAL | C | | D |
| | | Description: Free text; one to five lines. | | | |
| 4440 | Free text value [1..5] | | M | an..512 | D |
| | | Description: Free form text. | | | |
| 3453 | LANGUAGE NAME CODE | | C | an..3 | X |
| | | Description: Code specifying the language name. | | | |
| 4447 | FREE TEXT FORMAT CODE | | C | an..3 | X |
| | | Description: Code specifying the format of free text. | | | |

CTA Contact Information

Status: M Usage: M Min/Max: 1/1
Group: 28

up

Description:

To identify a person or a department to whom communication should be directed.

| Tag | Element Name | Status | Type | Usage | | | | | | | | | | |
|--|------------------------------------|--------|-------|-------|----|-----------------------------------|----|--------------------------------|----|------------------------------------|----|--------------------------------|----|-----------------------------|
| 3139 | CONTACT FUNCTION CODE | C | an..3 | O | | | | | | | | | | |
| <p>Description: Code specifying the function of a contact (e.g. department or person).</p> <p>Note:</p> <p>Common value(s):</p> <table border="0"> <tr> <td>HE</td> <td>emergency dangerous goods contact</td> </tr> <tr> <td>HG</td> <td>dangerous goods contact CANADA</td> </tr> <tr> <td>ER</td> <td>Emergency Response Assistance Plan</td> </tr> <tr> <td>MX</td> <td>dangerous goods contact MEXICO</td> </tr> <tr> <td>US</td> <td>dangerous goods contact USA</td> </tr> </table> <p>Example:</p> <p>CTA+HE+:EMERGENCY CONTACT'</p> | | | | | HE | emergency dangerous goods contact | HG | dangerous goods contact CANADA | ER | Emergency Response Assistance Plan | MX | dangerous goods contact MEXICO | US | dangerous goods contact USA |
| HE | emergency dangerous goods contact | | | | | | | | | | | | | |
| HG | dangerous goods contact CANADA | | | | | | | | | | | | | |
| ER | Emergency Response Assistance Plan | | | | | | | | | | | | | |
| MX | dangerous goods contact MEXICO | | | | | | | | | | | | | |
| US | dangerous goods contact USA | | | | | | | | | | | | | |

| C056 | DEPARTMENT OR EMPLOYEE DETAILS | C | | O |
|--|----------------------------------|---|--------|---|
| <p>Description: Code and/or name of a department or employee. Code preferred.</p> | | | | |
| 3413 | Department or employee name code | C | an..17 | X |
| <p>Description: Code specifying the name of a department or employee.</p> | | | | |
| 3412 | Department or employee name | C | an..35 | O |
| <p>Description: Name of a department or employee.</p> | | | | |

COM Communication Contact

| | | |
|-----------|----------|--------------|
| Status: C | Usage: O | Min/Max: 0/9 |
| Group: 28 | | |

up

Description:

To identify a communication number of a department or a person to whom communication should be directed.

Example:

```
COM+999 345 7788:TE'
```

| Tag | Element Name | Status | Type | Usage |
|-------------|---|--------|----------|----------|
| C076 | COMMUNICATION CONTACT [1..3] | | M | M |
| | Description: Communication number of a department or employee in a specified channel. | | | |
| 3148 | Communication address identifier | M | an..512 | M |
| | Description: To identify a communication address. | | | |
| | Note: Emergency contact phone number. | | | |
| 3155 | Communication address code qualifier | M | an..3 | M |
| | Description: Code qualifying the communication address. | | | |
| | Note: Common value(s): TE telephone | | | |

MEA Measurements

Status: M Usage: D Min/Max: 1/1
Group: 29

up

Description:

To specify physical measurements, including dimension tolerances, weights and counts.

Note:

For dangerous goods of class 1 it is required to transmit the net explosive weight.

Example:

MEA+WT+AAF+KGM:1.135'

| Tag | Element Name | Status | Type | Usage |
|------|------------------------------------|--------|-------|-------|
| 6311 | MEASUREMENT PURPOSE CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying the purpose of the measurement.

Note:
Common value(s):
WT weight

| C502 | MEASUREMENT DETAILS | C | | O |
|------|--|---|--------|---|
| | Description: Identification of measurement type. | | | |
| 6313 | Measured attribute code | C | an..3 | O |
| | Description: Code specifying the attribute measured. Note: Common value(s): AAF net explosive weight | | | |
| 6321 | Measurement significance code | C | an..3 | X |
| | Description: Code specifying the significance of a measurement. | | | |
| 6155 | Non-discrete measurement name code | C | an..17 | X |
| | Description: Code specifying the name of a non-discrete measurement. | | | |
| 6154 | Non-discrete measurement name | C | an..70 | X |
| | Description: Name of a non-discrete measurement. | | | |

| C174 | VALUE/RANGE | C | | O |
|------|--|---|--------|---|
| | Description: Measurement value and relevant minimum and maximum values of the measurement range. | | | |
| 6411 | Measurement unit code | M | an..3 | O |
| | Description: Code specifying the unit of measurement. Note: Common value(s): KGM kilogram GRM gram | | | |
| 6314 | Measurement value | C | an..18 | O |
| | Description: To specify the value of a measurement. Note: Value with 3 decimal digits maximum. | | | |
| 6162 | Range minimum value | C | n..18 | X |
| | Description: To specify the minimum value of a range. | | | |
| 6152 | Range maximum value | C | n..18 | X |
| | Description: To specify the maximum value of a range. | | | |
| 6432 | Significant digits quantity | C | n..2 | X |
| | Description: Count of the number of significant digits. | | | |
| 7383 | SURFACE OR LAYER CODE | C | an..3 | X |
| | Description: Code specifying the surface or layer of an object. | | | |

EQD Equipment Details

Status: M Usage: M Min/Max: 1/1
Group: 32

up

Description:

To identify a unit of equipment.

Example:

EQD+CN+01:230+22G0'

| Tag | Element Name | Status | Type | Usage |
|------|-------------------------------|--------|-------|-------|
| 8053 | EQUIPMENT TYPE CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying a type of equipment.

Note:

Common value(s):
CN Container

| C237 | EQUIPMENT IDENTIFICATION | C | O |
|------|--------------------------|---|---|
|------|--------------------------|---|---|

Description:
Marks (letters/numbers) identifying equipment.

| | | | | |
|------|----------------------|---|--------|---|
| 8260 | Equipment identifier | C | an..17 | O |
|------|----------------------|---|--------|---|

Description:
To identify equipment.

Note:

Container-Number or sequential number.

The values of the 8260 data elements of segment SGP within segment-group 29 refer to this number. Therefore, when SGP segments are transmitted, this field is mandatory.

Format of Container-number: PPPPNNNNNNN
with PPPP = Prefix
N...N = Number

| | | | | |
|------|-------------------------------|---|--------|---|
| 1131 | Code list identification code | C | an..17 | O |
|------|-------------------------------|---|--------|---|

Description:
Code identifying a code list.

Note:

Common value(s):
146 Actual Container Number
230 Logical Container Number

| | | | | |
|------|-----------------------------------|---|-------|---|
| 3055 | Code list responsible agency code | C | an..3 | X |
|------|-----------------------------------|---|-------|---|

Description:
Code specifying the agency responsible for a code list.

| | | | | |
|------|-------------------|---|-------|---|
| 3207 | Country name code | C | an..3 | X |
|------|-------------------|---|-------|---|

Description:
Identification of the name of the country or other geographical entity as specified in ISO 3166.

| C224 | EQUIPMENT SIZE AND TYPE | C | | O |
|------|---|---|--------|---|
| 8155 | Description: Code and or name identifying size and type of equipment. Code preferred. | C | an..10 | O |
| 1131 | Description: Code specifying the size and type of equipment. Note: Actual ISO container group or size type | C | an..17 | X |
| 3055 | Description: Code identifying a code list. | C | an..3 | X |
| 8154 | Description: Code specifying the agency responsible for a code list. | C | an..35 | X |
| 8077 | Description: Code specifying the party that is the supplier of the equipment. Note: Common value(s): 1 Shipper supplied 2 Carrier supplied | C | an..3 | O |
| 8249 | Description: Code specifying the status of equipment. | C | an..3 | X |
| 8169 | Description: Code indicating whether an object is full or empty. | C | an..3 | O |

EQN Number of Units

Status: C Usage: O Min/Max: 0/1
Group: 32

up

Description:

To specify the number of units.

Example:

EQN+2:2'

| Tag | Element Name | Status | Type | Usage |
|-------------|---|--------|----------|----------|
| C523 | NUMBER OF UNIT DETAILS | | M | M |
| | Description: Identification of number of units and its purpose. | | | |
| 6350 | Units quantity | C | n..15 | O |
| | Description: To specify the number of units. | | | |
| 6353 | Unit type code qualifier | C | an..3 | O |
| | Description: Code qualifying the type of unit. | | | |
| | Note: | | | |
| | Common value(s): | | | |
| | 2 transportable unit | | | |

MEA Measurements

Status: C Usage: O Min/Max: 0/9
Group: 32

up

Description:

To specify physical measurements, including dimension tolerances, weights and counts.

Note:

In case of reefer container it is possible to transmit humidity and air flow settings. For ventilated container only 'natural' ventilation is technically possible. No equipment settings are available.

Example:

MEA+AAZ+AAO+P1:65'
MEA+ABQ+AAS+MQH:5'

| Tag | Element Name | Status | Type | Usage |
|---|------------------------------------|----------|--------|----------|
| 6311 | MEASUREMENT PURPOSE CODE QUALIFIER | M | an..3 | M |
| Description: Code qualifying the purpose of the measurement. Note: Common value(s): AAZ humidity required in % ABQ air Exchange required in cbm/h | | | | |
| C502 | MEASUREMENT DETAILS | C | | M |
| Description: Identification of measurement type. | | | | |
| 6313 | Measured attribute code | C | an..3 | M |
| Description: Code specifying the attribute measured. Note: Common value(s): AAS air flow only for purpose ABQ AAO humidity only for purpose AAZ | | | | |
| 6321 | Measurement significance code | C | an..3 | X |
| Description: Code specifying the significance of a measurement. | | | | |
| 6155 | Non-discrete measurement name code | C | an..17 | X |
| Description: Code specifying the name of a non-discrete measurement. | | | | |
| 6154 | Non-discrete measurement name | C | an..70 | X |
| Description: Name of a non-discrete measurement. | | | | |

| C174 | VALUE/RANGE | C | | M | | | | | | |
|------|---|-------------------|---------------------|-------------------|-----|----------------------|-------------------|--|--|--|
| | <p>Description: Measurement value and relevant minimum and maximum values of the measurement range.</p> | | | | | | | | | |
| 6411 | Measurement unit code | M | an..3 | M | | | | | | |
| | <p>Description: Code specifying the unit of measurement.</p> <p>Note:</p> <p>Common value(s):</p> <table border="0" data-bbox="316 477 1393 544"> <tr> <td>P1</td> <td>percent of humidity</td> <td>only for unit AAO</td> </tr> <tr> <td>MQH</td> <td>cubic metre per hour</td> <td>only for unit AAS</td> </tr> </table> | P1 | percent of humidity | only for unit AAO | MQH | cubic metre per hour | only for unit AAS | | | |
| P1 | percent of humidity | only for unit AAO | | | | | | | | |
| MQH | cubic metre per hour | only for unit AAS | | | | | | | | |
| 6314 | Measurement value | C | an..18 | M | | | | | | |
| | <p>Description: To specify the value of a measurement.</p> <p>Note:</p> <p>All values should not have any decimal places. For humidity values 65, 70, 75, 80, 85, 90 and 95 are allowed. For air exchange setting values between 000 and 999 are allowed.</p> | | | | | | | | | |
| 6162 | Range minimum value | C | n..18 | X | | | | | | |
| | <p>Description: To specify the minimum value of a range.</p> | | | | | | | | | |
| 6152 | Range maximum value | C | n..18 | X | | | | | | |
| | <p>Description: To specify the maximum value of a range.</p> | | | | | | | | | |
| 6432 | Significant digits quantity | C | n..2 | X | | | | | | |
| | <p>Description: Count of the number of significant digits.</p> | | | | | | | | | |
| 7383 | SURFACE OR LAYER CODE | C | an..3 | X | | | | | | |
| | <p>Description: Code specifying the surface or layer of an object.</p> | | | | | | | | | |

DIM Dimensions

Status: C Usage: O Min/Max: 0/9
Group: 32

up

Description:

To specify dimensions.

Note:

The segment is intended to indicate the commodity dimension (W/L/H) in case the commodity exceeds the container dimensions.
Values with two decimal places are allowed

Example:

DIM+9+MTR:0.55:0.65:1.48'

| Tag | Element Name | Status | Type | Usage |
|---|-------------------------------|----------|-------|----------|
| 6145 | DIMENSION TYPE CODE QUALIFIER | M | an..3 | X |
| <p>Description: Code qualifying the type of the dimension.</p> <p>Note: Common value(s): 9 off-standard dimension general</p> | | | | |
| C211 | DIMENSIONS | M | | M |
| <p>Description: Specification of the dimensions of a transportable unit.</p> | | | | |
| 6411 | Measurement unit code | M | an..3 | M |
| <p>Description: Code specifying the unit of measurement.</p> <p>Note: Common value(s): FOT foot MTR metre</p> | | | | |
| 6168 | Length dimension value | C | n..15 | D |
| <p>Description: To specify the value of a length dimension.</p> | | | | |
| 6140 | Width dimension value | C | n..15 | D |
| <p>Description: To specify the value of a width dimension.</p> | | | | |
| 6008 | Height dimension value | C | n..15 | D |
| <p>Description: To specify the value of a height dimension.</p> | | | | |

HAN Handling Instructions

| | | |
|-----------|----------|--------------|
| Status: C | Usage: O | Min/Max: 0/1 |
| Group: 32 | | |

up

Description:

To specify handling and where necessary, notify hazards.

Example:

HAN+NOP '

| Tag | Element Name | Status | Type | Usage |
|-------------|--|----------|--------|----------|
| C524 | HANDLING INSTRUCTIONS | C | | O |
| | Description: Instruction for the handling of goods, products or articles in shipment, storage etc. | | | |
| 4079 | Handling instruction description code | C | an..3 | M |
| | Description: Code specifying a handling instruction. Note: Common value(s): NOP Non operative Reefer | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 4078 | Handling instruction description | C | an..70 | X |
| | Description: Free form description of a handling instruction. | | | |
| C218 | HAZARDOUS MATERIAL | C | | X |
| | Description: To specify a hazardous material. | | | |
| 7419 | Hazardous material category name code | C | an..4 | X |
| | Description: Code specifying a kind of hazard for a material. | | | |
| 1131 | Code list identification code | C | an..17 | X |
| | Description: Code identifying a code list. | | | |
| 3055 | Code list responsible agency code | C | an..3 | X |
| | Description: Code specifying the agency responsible for a code list. | | | |
| 7418 | Hazardous material category name | C | an..35 | X |
| | Description: Name of a kind of hazard for a material. | | | |

TMP Temperature

Status: C Usage: O Min/Max: 0/1
Group: 32

up

Description:

To specify the temperature setting.

Example:

```
TMP+2+02.3:CEL'
```

| Tag | Element Name | Status | Type | Usage |
|------|---------------------------------|--------|-------|-------|
| 6245 | TEMPERATURE TYPE CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying the type of a temperature.

Note:
Common value(s):
2 transport temperature

| C239 | TEMPERATURE SETTING | C | | M |
|------|---------------------|---|--|---|
|------|---------------------|---|--|---|

Description:
The temperature under which the goods are (to be) stored or shipped.

| | | | | |
|------|-------------------|---|-------|---|
| 6246 | Temperature value | C | n..15 | M |
|------|-------------------|---|-------|---|

Description:
To specify the value of a temperature.

Note:
Set temperature will conform to below rules:

- Decimal will be represented using the dot ('.').
- Temperature values will not include group separators.
- Temperature will contain 3 valid numeric digits, and may also contain a decimal and minus sign ('-').
- The value should have one decimal place maximum.
- Negative Temperature will include a Minus sign ('-') and it will be in the first position of the element.
- Positive Temperature will be unsigned.

Valid examples: 05, -005, -05.5, 55.2, 45.0
Invalid examples: 1, -5, -05, 5.5, 23-, 35, .3, 5.04, +045

| | | | | |
|------|-----------------------|---|-------|---|
| 6411 | Measurement unit code | C | an..3 | M |
|------|-----------------------|---|-------|---|

Description:
Code specifying the unit of measurement.

Note:
Common value(s):
CEL Celsius
FAH Fahrenheit

FTX Free Text

Status: C Usage: O Min/Max: 0/9
Group: 32

up

Description:

To provide free form or coded text information.

Note:

FTX+AAI+++EQUIPMENT COMMENTS'

| Tag | Element Name | Status | Type | Usage |
|------|-----------------------------|--------|-------|-------|
| 4451 | TEXT SUBJECT CODE QUALIFIER | M | an..3 | M |

Description:
Code qualifying the subject of the text.
Note:
Common value(s):
AAI General information, e.g. stowage remarks

| | | | | |
|------|-------------------------|---|-------|---|
| 4453 | FREE TEXT FUNCTION CODE | C | an..3 | X |
|------|-------------------------|---|-------|---|

Description:
Code specifying the function of free text.

| C107 | TEXT REFERENCE | C | | X |
|------|----------------|---|--|---|
|------|----------------|---|--|---|

Description:
Coded reference to a standard text and its source.

| | | | | |
|------|----------------------|---|--------|---|
| 4441 | Free text value code | M | an..17 | X |
|------|----------------------|---|--------|---|

Description:
Code specifying free form text.
Note:
Descripton value

| | | | | |
|------|-------------------------------|---|--------|---|
| 1131 | Code list identification code | C | an..17 | X |
|------|-------------------------------|---|--------|---|

Description:
Code identifying a code list.

| | | | | |
|------|-----------------------------------|---|-------|---|
| 3055 | Code list responsible agency code | C | an..3 | X |
|------|-----------------------------------|---|-------|---|

Description:
Code specifying the agency responsible for a code list.

| C108 | TEXT LITERAL | C | | O |
|------|--------------|---|--|---|
|------|--------------|---|--|---|

Description:
Free text; one to five lines.

| | | | | |
|------|------------------------|---|---------|---|
| 4440 | Free text value [1..5] | M | an..512 | D |
|------|------------------------|---|---------|---|

Description:
Free form text.

| | | | | |
|------|--------------------|---|-------|---|
| 3453 | LANGUAGE NAME CODE | C | an..3 | X |
|------|--------------------|---|-------|---|

Description:
Code specifying the language name.

| | | | | |
|------|-----------------------|---|-------|---|
| 4447 | FREE TEXT FORMAT CODE | C | an..3 | X |
|------|-----------------------|---|-------|---|

Description:
Code specifying the format of free text.

RFF Reference

Status: C Usage: O Min/Max: 0/9
Group: 32

up

Description:

To specify a reference.

Example:

RFF+ON: PURCHASE ORDER NUMBER'

| Tag | Element Name | Status | Type | Usage |
|-------------|--|--------|----------|----------|
| C506 | REFERENCE | | M | M |
| | Description: Identification of a reference. | | | |
| 1153 | Reference code qualifier | | M an..3 | M |
| | Description: Code qualifying a reference. | | | |
| | Note: Reference value | | | |
| | Common value(s): | | | |
| | AEF Customer load reference | | | |
| | AKG Vehicle identification number | | | |
| | CCN Canadian cargo control number | | | |
| | ON Purchase order number | | | |
| | UCN UK-UCR number. Typically provided by the Exporter or its Agent for shipment departing Great Britain. | | | |
| 1154 | Reference identifier | | C an..70 | M |
| | Description: Identifies a reference. | | | |
| 1156 | Document line identifier | | C an..6 | D |
| | Description: To identify a line of a document. | | | |
| 4000 | Reference version identifier | | C an..35 | X |
| | Description: To identify the version of a reference. | | | |
| 1060 | Revision identifier | | C an..6 | X |
| | Description: To identify a revision. | | | |

NAD Name and Address

| | | |
|-----------|----------|--------------|
| Status: M | Usage: M | Min/Max: 1/1 |
| Group: 33 | | |

up

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Example:

```
NAD+SF'
NAD+CK+CK-CODE+DEPOT 1.1:Depot 1.2:Depot 1.3:D4:D5'
```

| Tag | Element Name | Status | Type | Usage |
|------|-------------------------------|--------|-------|-------|
| 3035 | PARTY FUNCTION CODE QUALIFIER | M | an..3 | M |

| | | | | |
|---|---|--|--|--|
| Description: Code giving specific meaning to a party. | | | | |
| Note: | | | | |
| Common value(s): | | | | |
| SF | Ship from (which is equal to the positioning place). Should only be sent for door shipments at export side, when TSR 4065_Contract_And_Carriage_Condition_Code = 27 or 28 | | | |
| CK | Empty equipment dispatch party (Desired pick up address of the empty container) | | | |

| C082 | PARTY IDENTIFICATION DETAILS | C | | O |
|---|-----------------------------------|---|--------|---|
| Description: Identification of a transaction party by code. | | | | |
| 3039 | Party identifier | M | an..35 | O |
| Description: Code specifying the identity of a party. | | | | |
| Note: Code identifying a party/address involved in the shipment. The code list must be specified in a bilateral agreement between CUSTOMER and Hapag-Lloyd. | | | | |
| 1131 | Code list identification code | C | an..17 | X |
| Description: Code identifying a code list. | | | | |
| 3055 | Code list responsible agency code | C | an..3 | O |
| Description: Code specifying the agency responsible for a code list. | | | | |

| C058 | NAME AND ADDRESS | C | | O |
|--|-------------------------------------|---|--------|---|
| Description: Unstructured name and address: one to five lines. | | | | |
| Note: Name and address of organisation. | | | | |
| 3124 | Name and address description [1..5] | M | an..35 | D |
| Description: Free form description of a name and address line. | | | | |

| C080 | | PARTY NAME | | C | | O |
|-------------|---|-----------------------------------|--------|----------|--|----------|
| | Description: Identification of a transaction party by name, one to five lines. Party name may be formatted. | | | | | |
| 3036 | Party name | M | an..35 | | | M |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3036 | Party name | C | an..35 | | | X |
| | Description: Name of a party. | | | | | |
| 3045 | Party name format code | C | an..3 | | | X |
| | Description: Code specifying the representation of a party name. | | | | | |
| C059 | | STREET | | C | | O |
| | Description: Street address and/or PO Box number in a structured address: one to four lines. | | | | | |
| 3042 | Street and number or post office box identifier [1..4] | M | an..35 | | | M |
| | Description: To identify a street and number and/or Post Office box number. | | | | | |
| 3164 | CITY NAME | C | an..35 | | | O |
| | Description: Name of a city. | | | | | |
| C819 | | COUNTRY SUB-ENTITY DETAILS | | C | | X |
| | Description: To specify a part of a country (eg county or part of a city). | | | | | |
| 3229 | Country sub-entity name code | C | an..9 | | | X |
| | Description: Code specifying the name of a country sub-entity. | | | | | |
| 1131 | Code list identification code | C | an..17 | | | X |
| | Description: Code identifying a code list. | | | | | |
| 3055 | Code list responsible agency code | C | an..3 | | | X |
| | Description: Code specifying the agency responsible for a code list. | | | | | |
| 3228 | Country sub-entity name | C | an..35 | | | X |
| | Description: Name of a country sub-entity. | | | | | |
| 3251 | POSTAL IDENTIFICATION CODE | C | an..17 | | | O |

| |
|--|
| Description: Code specifying the postal zone or address. |
|--|

| | | | | |
|------|-------------------|---|-------|---|
| 3207 | COUNTRY NAME CODE | C | an..3 | O |
|------|-------------------|---|-------|---|

| |
|---|
| Description: Identification of the name of the country or other geographical entity as specified in ISO 3166. |
|---|

DTM Date/Time/Period

Status: C Usage: O Min/Max: 0/1
Group: 33

up

Description:

To specify date, and/or time, or period.

Note:

For carrier's haulage shipments the desired positioning date/time for the equipment should be transmitted.

For merchant's haulage shipments the desired empty container pick up date should be transmitted.

Example:

DTM+181:201012241234:203'

| Tag | Element Name | Status | Type | Usage |
|-------------|--|----------|--------|----------|
| C507 | DATE/TIME/PERIOD | M | | M |
| | <p>Description: Date and/or time, or period relevant to the specified date/time/period type.</p> | | | |
| 2005 | Date or time or period function code qualifier | M | an..3 | M |
| | <p>Description: Code qualifying the function of a date, time or period.</p> <p>Note:</p> <p>Common value(s): 181 Date of empty container positioning at customer's premises (carriers haulage) / Date of empty container pickup at depot (merchant haulage)</p> | | | |
| 2380 | Date or time or period value | C | an..35 | O |
| | <p>Description: The value of a date, a date and time, a time or of a period in a specified representation.</p> | | | |
| 2379 | Date or time or period format code | C | an..3 | M |
| | <p>Description: Code specifying the representation of a date, time or period.</p> <p>Note:</p> <p>Common value(s): 203 CCYYMMDDHHMM (for carrier's haulage shipments) 102 CCYYMMDD (for merchant's haulage shipments)</p> | | | |

UNT Message Trailer

Status: M Usage: M Min/Max: 1/1
Group: 36

up

Description:

To end and check the completeness of a message.

Example:

UNT+95+1'

| Tag | Element Name | Status | Type | Usage |
|------|---|--------|--------|-------|
| 0074 | NUMBER OF SEGMENTS IN A MESSAGE | M | n..6 | M |
| | <p>Description: The number of segments in a message body, plus the message header segment and message trailer segment.</p> | | | |
| 0062 | MESSAGE REFERENCE NUMBER | M | an..14 | M |
| | <p>Description: Unique message reference assigned by the sender.</p> | | | |

UNZ Interchange Trailer

Status: M Usage: M Min/Max: 1/1
Group: 36

up

Description:

To end and check the completeness of an interchange.

Example:

UNZ+1+468776'

| Tag | Element Name | Status | Type | Usage |
|---|-------------------------------|--------|--------|-------|
| 0036 | INTERCHANGE CONTROL COUNT | M | n..6 | M |
| <p>Description: The number of messages and packages in an interchange or, if used, the number of groups in an interchange.</p> | | | | |
| 0020 | INTERCHANGE CONTROL REFERENCE | M | an..14 | M |
| <p>Description: Unique reference assigned by the sender to an interchange.</p> | | | | |

Examples

Minimum Requirements for an IFTMBF:

```
UNB+UNOB:3+PARTNERID:ZZZ+HAPAG-LLOYD:ZZZ+100202:1754+468776+++++1'
UNH+00001+IFTMBF:D:00B:UN'
BGM+335+EDIFACT-REFERENCE+9'
TSR+30+2::2'
TDT+20+46E09+1++++:::HONG KONG EXPRESS'
LOC+9+DEHAM:::HAMBURG'
DTM+133:201001022200:203'
LOC+11+USNYC:::NEW YORK'
NAD+OY+123456'
GID+1+20:CR:::CRATE'
FTX+AAA+++MICROWAVE OVENS'
SGP+01'
EQD+CN+01:230+22G0'
UNT+13+1'
UNZ+1+468776'
```

Multistop:

```
...
TSR+27+2::2'
...
TDT+10++3'
LOC+88+DEMUC:::MUENCHEN'
DTM+133:200701010823:203'
TDT+10++1'
LOC+9+DEHAM:::HAMBURG'
DTM+133:200701010823:203'
TDT+20+02W06+1++++:::PONL MONDRIAAN'
LOC+9+DEBRV:::BREMERHAVEN'
DTM+133:200701022200:203'
LOC+11+USNYC:139:6:NEW YORK'
DTM+132:200701250711:203'
TDT+30++1'
LOC+11+USORF:::NORFOLK'
TDT+30++2'
LOC+7+USDEN:::DENVER'
DTM+132:20070124:102'
NAD+SF++AGFA PHOTO:TEGERNSEER LANDSTR. 161:81539 MUENCHEN:GERMANY'
NAD+SF++ALKOR GMBH:MORGENSTERNSTRASSE 9:81479 MUENCHEN:GERMANY'
NAD+SF++BMW AG,MUENCHEN:HEIDEMANNSTR 164:80788 MUENCHEN:GERMANY'
NAD+ST+123+SHIP TO 1:Ship to 2:Ship to 3:Ship to 4:Ship to 5++ST-STREET 1:ST-STREET 2+++23456+GE'
NAD+ST++2SHIP TO 1:Ship to 2:Ship to 3:Ship to 4:Ship to 5++ST-STREET 1:ST-STREET 2+++23456+GE'
NAD+ST++BLUE ANCHOR, DENVER:12000 EAST 47TH AVENUE:80239 DENVER'
...
```

Minimal Cargo definition:

```
...
GID+1+20:CR:::CRATE'
FTX+AAA+++MICROWAVE OVENS'
SGP+01'
```

Minimal Cargo definition split into different containers:

```
...
GID+1+20:CR:::CRATE'
FTX+AAA+++MICROWAVE OVENS'
SGP+01+15'
SGP+02+5'
```

Complete Cargo definition split into different containers:

```
...
GID+1+20:CR:::CRATE'
PIA+5+900200:HS'
FTX+AAA+++CHEMICALS'
MEA+WT+AAE+KGM:5100'
MEA+WT+AAL+KGM:5000'
MEA+VOL+AAW+MTQ:2'
RFF+ON:CARGO PURCHASE ORDER NO'
SGP+01+15'
MEA+WT+AAE+KGM:3825'
MEA+WT+AAL+KGM:3750'
MEA+AAE+AAW+MTQ:1.5'
SGP+02+5'
MEA+WT+AAE+KGM:1275'
MEA+WT+AAL+KGM:1250'
MEA+AAE+AAW+MTQ:0.5'
```

Complete Cargo and DG definiton:

```
...
GID+1+20:CR:::CRATE+60:CT:::CARTONES'
PIA+5+280000:HS'
FTX+AAA+++CHEMICALS'
MEA+WT+AAE+KGM:5100'
MEA+WT+AAL+KGM:5000'
MEA+VOL+AAW+MTQ:2'
RFF+ON:CARGO PURCHASE ORDER NO'
SGP+01'
DGS+IMD+9+3077++3'
FTX+AAD++PSN+ENVIRONMENTALLY HAZARDOUS SUBSTANCE'
FTX+AAD++TN+CONTAINS METIRAM 70%'
FTX+AAD++TLQ'
FTX+AAC++P'
FTX+AAC+++DG ADDITIONAL INFORMATION'
CTA+HE+:DG EMERGENCY CONTACT'
COM+123 45 6677:TE'
```

Two different DG-cargos combined in one outer packing (3-level-packing required):

```
...
GID+1+20:CR:::CRATE'
PIA+5+280421:HS'
FTX+AAA+++COMMODITY DESCRIPTION'
MEA+WT+AAE+KGM:3000.135'
SGP+01'
GID+1++100:BX:::BOX'
GID+1+++180:CY:::CYLINDER'
DGS+IMD+3.2+1993+43.3:CEL+2'
FTX+AAD++PSN+PROPER SHIPPING NAME'
CTA+HE+:EMERGENCY CONTACT'
COM+123 444 9909:TE'
MEA+WT+AAF+KGM:1.245'
GID+1++100:BX:::BOX'
GID+1+++180:CY:::CYLINDER'
DGS+IMD+3+1263+-18.0:CEL+2'
FTX+AAD++PSN+PAINT RELATED MATERIAL'
CTA+HE+:EMERGENCY CONTACT'
COM+123 444 9909:TE'
```