**PROTECT Guide**

**Version 2.1**

**PART II**

**EDIFACT Message Implementation Guide**

**Dangerous Goods Notification message**

**IFTDGN**

|  |  |  |
| --- | --- | --- |
|  | part of |  |

Version: 2.1.7

Date: June 2020

Author:

PROTECT GROUP Secretariat

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# Document Version Control

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Release note (and description of change)** |
| 0.5 | October 1995 | First formal release for implementation  (incorporating requirements from EU Council Directive 93/75/EEC of 13 September 1993, (HAZMAT Directive)) based on Directory D95A |
| 1.0 | January 1999 | Release with extended functionalities  (e.g. additional handling actions, subsidiary risks, dangerous goods in limited quantities, radioactive materials, fumigation details, Amendment number of IMO Regulation. Also the functionality of the dangerous cargo list for inter-agent use is incorporated)  based on Directory D98B |
| 1.1 | July 16, 2002 | Draft version for internal PROTECT use with extended functionalities  (e.g. emergency response contact details, tank cleaning information, fumigation details, radioactive critically safety index) based on Directory D98B |
| 2.0 | June 8, 2004 | New release for implementation, with extended functionalities (e.g. certificate indicators (SOLAS), consignment data such as consignor, consignee, terminal operator; measurements (e.g. gross weight) restricted to numeric values) based on Directory D2003A |
| 2.0 | March 17, 2005 | Editorial changes (front page; several mappings: page 8, 9, 16) |
| 2.1 | September 2015 | Update of the following accepted Change Requests:   * Corrigendum January 2009 * Corrigendum December 2011 * Change Request Dakosy Hamburg – Bulk cargo (04/15) * Change Request Port of Antwerp – Transport License (04/15) * MARPOL changes and additions (Guidelines on reporting Hazmat). |
| 2.2 | June 2019 | Update of DGS segment with IBC Codes for bulk cargoes.  Update of EQD segment in SG6:   * Add AI (Vessel Hold) as value in equipment type * Add values for detailed specification of ‘empty’/’full’   Update of GID segment group (SG12):   * Max. use increased from 99 to 999   Update of optional FTX segment in SG14:   * Max. use increased from 1 to 8 * Add values for additional codes for solid bulk cargo with MHB hazard identification code   Update of MEA segments in SG14 and SG15:   * Add qualifiers for Control temperature and Emergency temperature |

# 

# 1. Message Principles

## 

## 1.1 Functional definition

The functional definition of the IFTDGN message is as follows:

The International Forwarding and Transport Dangerous Goods Notification message is a message from the party responsible to declare the dangerous goods (e.g. carrier's agent, freight forwarder) to the party acting on behalf of the local authority performing the checks on conformance with the legal requirements on the control of dangerous goods, normally Port Authority, conveying the information relating to one conveyance/voyage of a means of transport such as a vessel, train, truck or barge, on the dangerous goods being loaded, unloaded, and/or in transit.

## 1.2 Message principles

The following principles are applicable to the IFTDGN message:

1. One message relates to one conveyance/voyage of a means of transport.
2. One message may relate to all dangerous goods information that the sender of the message is responsible for or to a certain part of that information; the information may be split in different messages, e.g. as it known at different times or the discharging information is sent separately from loading information or the information is split up in different messages for the different dangerous goods classes.
3. The message is based on the local legal information requirements regarding the notification of dangerous goods to the (port) authority.

N.B. This may mean that in a certain port the condition for a segment (group), data element (or qualifier) that is conditional according to this specification, becomes mandatory for that (port) authority.

1. A Dangerous Goods Notification message may contain several consignments.
2. The message structure is suitable to notify either one handling action per message (applicable to all consignments in the message) or the applicable handling action is notified for each consignment separately.

The handling action indicates e.g. whether the dangerous goods will be discharged or loaded or whether the dangerous goods remain on board (in transit).

1. A consignment may contain several goods items/dangerous goods classes.
2. Each goods item can only contain one dangerous goods class. A goods item may reflect the operational description of the goods.
3. A dangerous goods class/goods item may be transported in one or more equipment, and a single equipment may contain one or more dangerous goods classes/goods items.
4. The message caters for the provision of sending a replacement or a cancellation of an earlier sent message, or sending an update (change, deletion, etc.).

The message function for an Original of a notification, a Cancellation and a Replace of a previously sent notification message will be supported by all Port Authorities participating in PROTECT.

1. The message content is uniquely identified by means of the message reference (in BGM 1004) and the message sender identification (in NAD(MS) 3039). All other identifying data, such as radio call sign of the vessel or voyage number, are secondary references pointing to data outside the message. The sending of replacements and updates also makes use of this principle.

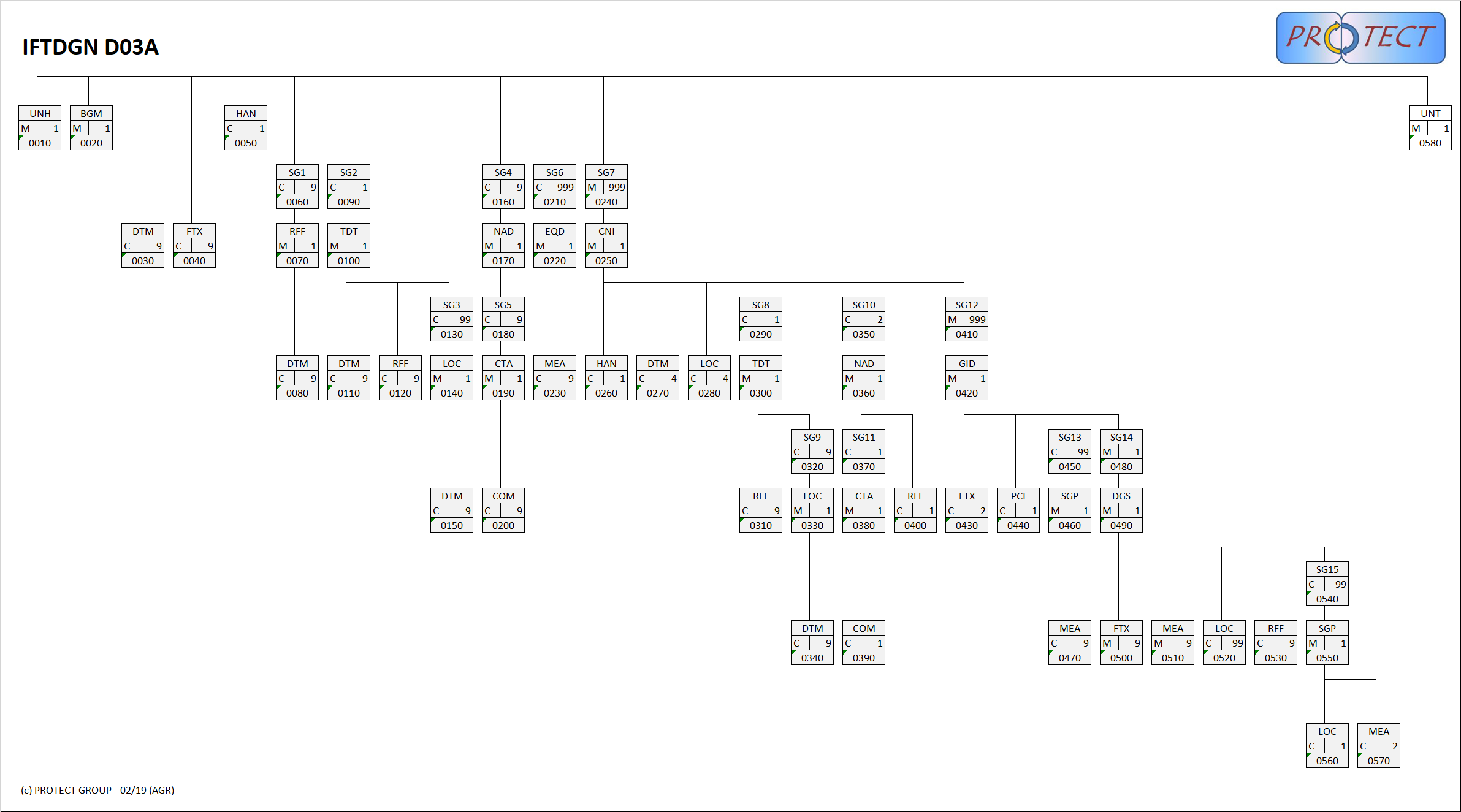
Remark: To cover all dangerous goods information relating to one conveyance/voyage of a means of transport might imply accumulation of several Dangerous Goods Notification messages from the same or several agents/forwarders.

1. The PROTECT Port Authorities have agreed to derive their local IFTDGN Implementation Guides from this PROTECT EDIFACT Implementation Guide applying the following rule: data not required (or treated) locally in a port, may be sent as long as it is according to this PROTECT EDIFACT Implementation Guide.

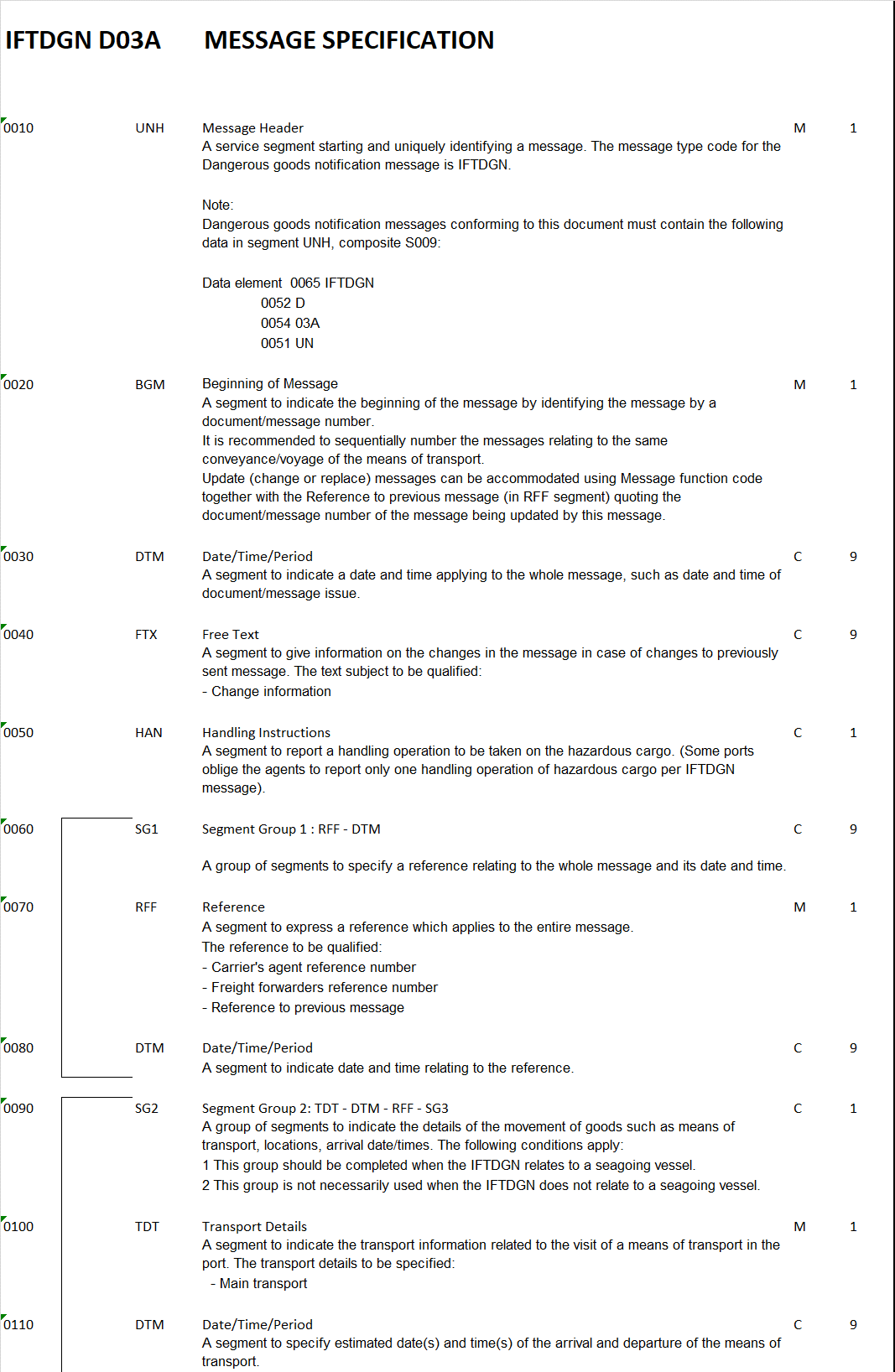
To minimize implementation differences for different ports it is advised to supply as much information as possible in each local IFTDGN enabling the authorities to pick out what is locally required.

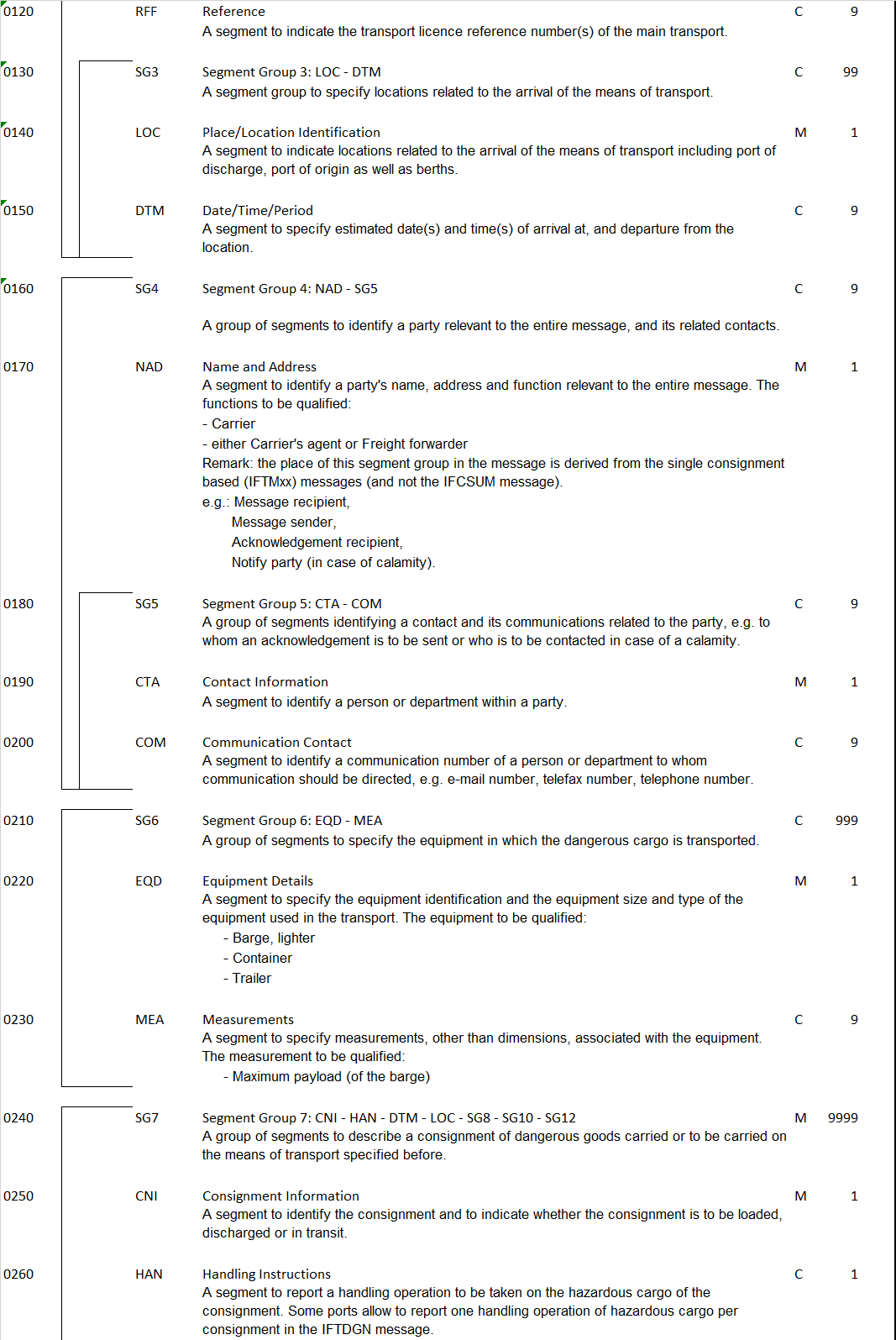
1. The identification code of the party responsible for notification to the PA (a code for the carrier agent that is to be used in all notification messages) needs to be discussed and agreed between the Port Authority and the party. The party will be left the choice to use his own determined code that identifies the party or to use a code to be assigned by the Port Authority. This will allow liners/carriers acting world-wide to notify in all ports making use of one identification code if so desired, instead of using a different code in each port. (This is agreed to be able to uniquely identify the messages at the receiving side. Both the message and the sending party should be identifiable, these id's together are unique for a message.)
2. The data segment specifications contain references to standard data attributes (names in capitals). Definitions of these data attributes are described in a separate document: “IFTDGN 2.1 Attributes list”, which has been published on the PROTECT-Group website.

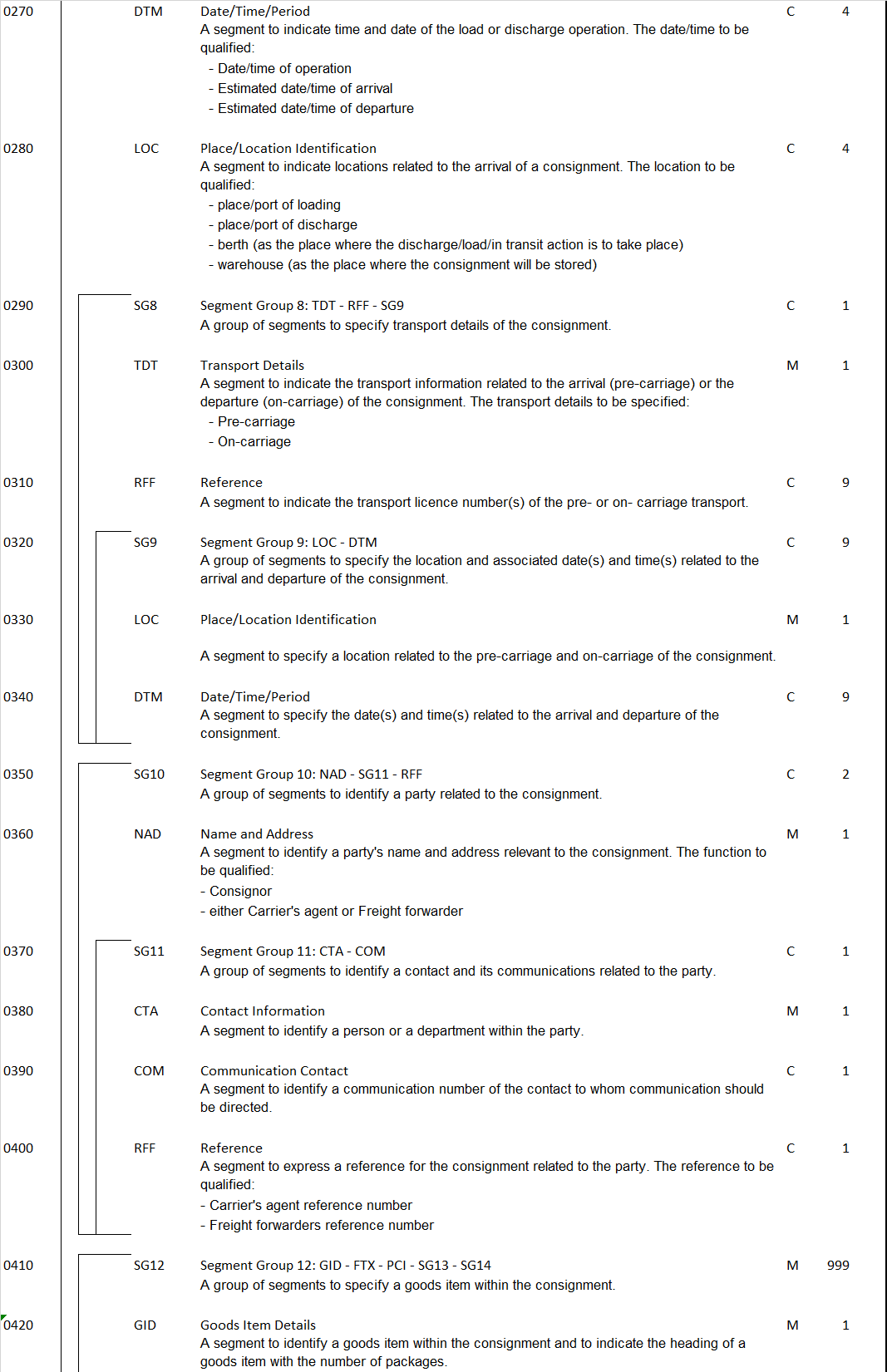
# 2. Message structure

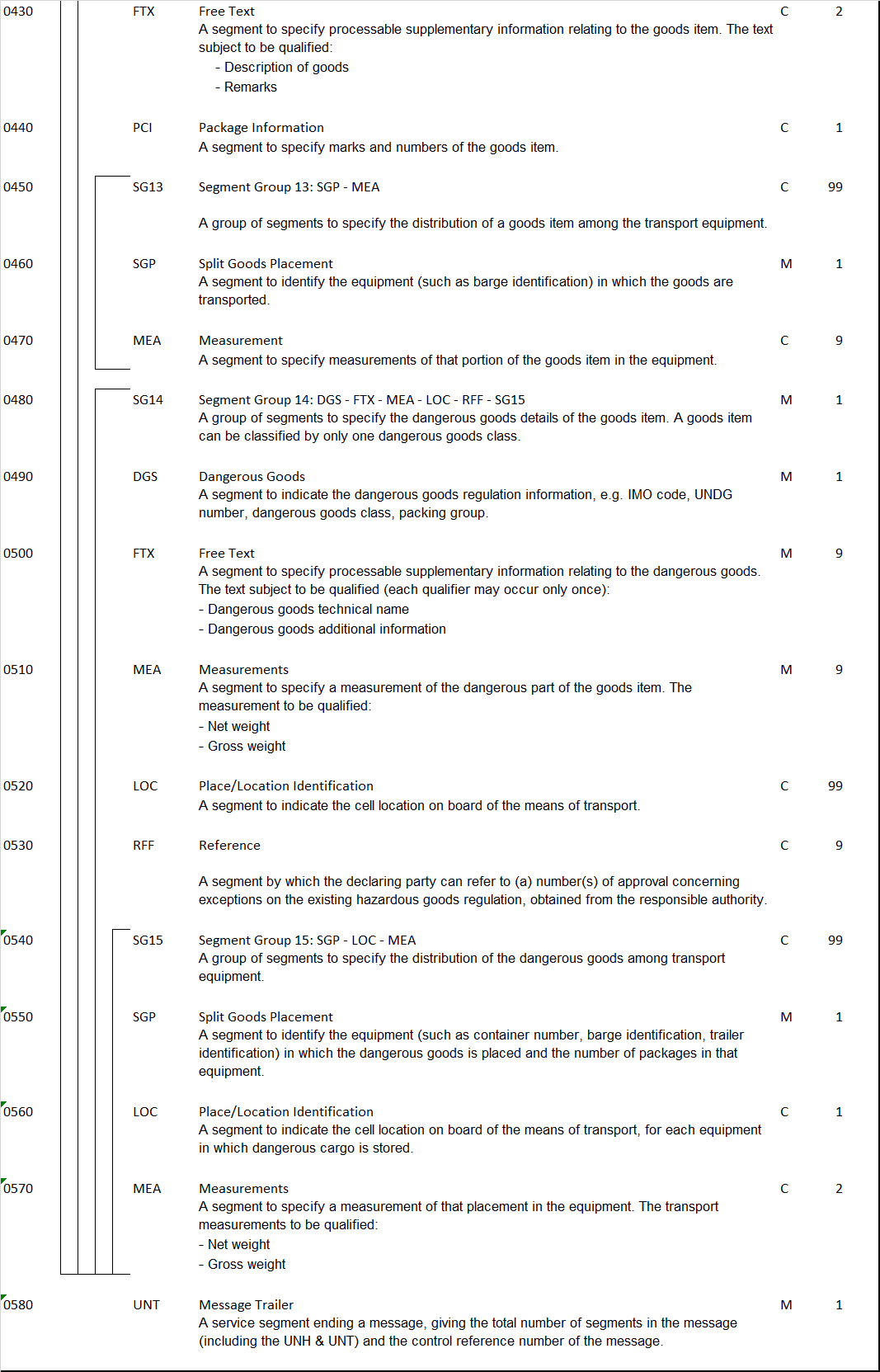


# 3. Message Specification









# 4. Data segment specification

## 4.1 UNH – Service segment

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **UNH** | **Message Header** | |
|  | Position: | 0010 |  |  |
|  | Group: |  |  |  |
|  | Level: | 0 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A service segment starting and uniquely identifying a message. The message type code for the Dangerous goods notification message is IFTDGN. Note: Dangerous goods notification messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 IFTDGN - 0052 D - 0054 03A - 0051 UN | | |
|  | Dependency Notes: |  |  |  |
|  |  |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
|  |  |  |  |  |
| 0062 |  | **MESSAGE REFERENCE NUMBER** | **M1 an..14** | **M** |
|  |  | Unique message reference assigned by the sender. This reference must be unique for the message occurrence regardless the message type and business application area. Data element [0062] must be identical in the UNH- and UNT-segment. |  |  |
| S009 |  | **MESSAGE IDENTIFIER** | **M1** | **M** |
|  |  | Identification of the type, version etc. of the message being interchanged. |  |  |
|  | 0065 | **Message Type Identifier** | **M an..6** | **M** |
|  |  | Code identifying a type of message and assigned by its controlling agency. |  |  |
|  |  | **IFTDGN** Dangerous goods notification message. A code to identify the dangerous goods notification message. |  |  |
|  | 0052 | **Message Type Version Number** | **M an..3** | **M** |
|  |  | Version number of a message type. |  |  |
|  |  | **D** Draft version/UN/EDIFACT Directory. Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997). |  |  |
|  | 0054 | **Message Type Release Number** | **M an..3** | **M** |
|  |  | Release number within the current message type version number (0052). |  |  |
|  |  | **03A** Release 2003-A. Message approved and issued in the first 2003 release of the UNTDID (United Nations Trade Data Interchange Directory). |  |  |
|  | 0051 | **Controlling Agency** | **M an..2** | **M** |
|  |  | Code identifying the agency controlling the specification, maintenance and publication of the message type. |  |  |
|  |  | **UN** UN/ECE/TRADE/WP.4. United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT). |  |  |
|  | 0057 | **Association assigned code** | **C an..6** | **R** |
|  |  | Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. |  |  |
|  |  | **PROT20** PROTECT Version 2.0 |  |  |
| 0068 |  | **COMMON ACCESS REFERENCE** | **C1 an..35** | **X** |
|  |  | Reference serving as a key to relate all subsequent transfers of data to the same business case or file. |  |  |
| S010 |  | **STATUS OF THE TRANSFER** | **C1 an..35** | **X** |
|  |  | Statement that the message is one in a sequence of transfers relating to the same topic. |  |  |
|  | 0070 | **Sequence message transfer number** | **M n..2** | **X** |
|  |  | Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic. |  |  |
|  | 0073 | **First/Last sequence message transfer indication** | **C a1** | **X** |
|  |  | Indication used for the first and last message in a sequence of the same type of message relating to the same topic. |  |  |

## 4.2 BGM – Beginning of Message

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **BGM** | **Beginning of Message** | |
|  | Position: | 0020 |  |  |
|  | Group: |  |  |  |
|  | Level: | 0 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate the beginning of the message by identifying the message by a document/message number. It is recommended to sequentially number the messages relating to the same conveyance/voyage of the means of transport. Update (change or replace) messages can be accommodated using Message function code together with the Reference to previous message (in RFF segment) quoting the document/message number of the message being updated by this message. | | |
|  | Dependency Notes: |  |  |  |
|  |  |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
|  |  |  |  |  |
| C002 |  | **DOCUMENT/MESSAGE NAME** | **C1** | **R** |
|  |  | Identification of a type of document/ message by code or name. Code preferred. |  |  |
|  | 1001 | **Document Name Code** | **C an..3** | **R** |
|  |  | Code specifying the document name |  |  |
|  |  | **Business Rules:** |  |  |
|  |  | Variable Name: TankerNotanker |  |  |
|  |  | **DGN TYPE CODED** |  | **M** |
|  |  | \*Note: Codes added: |  |  |
|  |  | **89N** Dangerous goods notification for all other cargo (other than bulk in tanker) |  |  |
|  |  | **89T** Dangerous goods notification for Bulk cargo in Tanker vessel. |  |  |
|  | 1131 | **Code List qualifier** | **C an..17** | **X** |
|  |  | Identification of a code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code identifying the agency responsible for a code list. |  |  |
|  | 1000 | **Document name** | **C an..35** | **X** |
|  |  | Name of a document |  |  |
| C106 |  | **DOCUMENT/MESSAGE IDENTIFICATION** | **C1** | **R** |
|  |  | Identification of a document/message by its number and eventually its version or revision. |  |  |
|  | 1004 | **Document Identifier** | **C an..35** | **R** |
|  |  | To identify a document |  |  |
|  |  | MESSAGE REFERENCE |  | **M** |
|  | 1056 | **Version Identifier** | **C an..9** | **X** |
|  |  | To identify a version. |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision |  |  |
| 1225 |  | **MESSAGE FUNCTION CODE** | **C1 an..3** | **R** |
|  |  | Code indicating the function of the message. |  |  |
|  |  | MESSAGE FUNCTION INDICATOR |  | **M** |
|  |  | See attribute definition for recommendation of the use of codes. |  |  |
|  |  | **1** Cancellation: Message cancelling a previous transmission for a given transaction. |  |  |
|  |  | **NOTE 1:** Use of this code means that the complete chain of messages belonging to a transaction is cancelled. (A transaction is defined as a chain of messages of the same type, in which the original message is amended by e.g. adding, deleting or changing consignments in subsequent messages and/or replacing entire message(s) in the chain). |  |  |
|  |  | **NOTE 2:** For this message occurrence the conditions for required/conditional are the same as for any message of this message type. This means that at minimal all conditions should be met; for the detail level (CNI group) this means that all conditions should be met once (so one occurrence of the detail level (CNI group) is to appear in the cancellation message). |  |  |
|  |  | **2** Addition. Message containing items to be added. |  |  |
|  |  | **3** Deletion. Message containing items to be deleted. |  |  |
|  |  | **4** Change. Message containing items to be changed. |  |  |
|  |  | **5** Replace. Message replacing a previous message. |  |  |
|  |  | **9** Original. Initial transmission related to a given transaction. |  |  |
|  |  | **33** Change in heading section. Message changing the referenced message heading section. |  |  |
| 4343 |  | **RESPONSE TYPE CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the type of acknowledgment required or transmitted. | |  |

## 4.3 DTM – Message Date/Time

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **DTM** | **Date/Time/Period** | |
|  | Position: | 0030 |  |  |
|  | Group: |  |  |  |
|  | Level: | 0 |  |  |
|  | Usage: | Conditional (Required) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate a date and time applying to the whole message, such as date and time of document/message issue. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
|  |  |  |  |  |
| C507 |  | **DATE/TIME/PERIOD** | **M1** | **M** |
|  |  | 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** |
|  |  | Code qualifying the function of a date, time or period. |  |  |
|  |  | **137** Document/Message date/time. (2006) Date/time when a document/message is issued. This may include authentication. |  |  |
|  | 2380 | **Date or Time or Period text** | **C an..35** | **R** |
|  |  | The value of a date, a date and time, a time or of a period in a specified representation. |  |  |
|  |  | MESSAGE DATE/TIME |  | **R** |
|  |  | Date/times are specified in local time. |  |  |
|  | 2379 | **Date or Time or Period format code** | **C an..3** | **R** |
|  |  | Code specifying the representation of a date, time or period. |  |  |
|  |  | **203** CCYYMMDDHHMM |  |  |
|  |  | Calendar date including time with minutes. |  |  |
|  |  | C=Century - Y=Year - M=Month - D=Day - H=Hour - M=Minutes |  |  |

## 4.4 FTX – Free text (change information)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0040 |  |  |
|  | Group: |  |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Conditional (Dependent) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | A segment to give information on the changes in the message in case of changes to previously sent message. The text subject to be qualified: - Change information |  |  |
|  | Dependency Notes: | 1. If messagefunction EQ "9", then set Usage to 'Not Used'. |  |  |
|  |  |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
|  |  |  |  |  |
| 4451 |  | **TEXT SUBJECT QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code specifying subject of a free text |  |  |
|  |  | **CHG** Change Information. Note contains change information. |  |  |
| 4453 |  | **TEXT FUNCTION, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the purpose of the text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **O** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **O an..17** | **D** |
|  |  | Free text in coded form. |  |  |
|  |  | **Business rules:** |  |  |
|  |  | 1. If messagefunction EQ "9" then set Usage to 'Not Used'. |  |  |
|  |  | MESSAGE CHANGE REMARKS, CODED |  | **C** |
|  |  | **CAM** Change or cancellation because of mistake. Previous message contained mistake(s). Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33). |  |  |
|  |  | **CAN** Cancellation because vessel does not carry dangerous substances. Previous message is cancelled because the vessel for which dangerous or polluting goods were notified to be loaded, in transit or discharged in the previous message does not carry those goods. |  |  |
|  |  | **CAO** Cancellation because operation not carried out. Previous message is cancelled because handling action or operation notified in the previous message will not be carried out. |  |  |
|  |  | **CAV** Cancellation because vessel does not call. Previous message is cancelled because the vessel notified in previous message does not call in the port. |  |  |
|  |  | **CHB** Change of Berth. The berth(s) notified in previous message has (have) changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33). |  |  |
|  |  | **CHD** Change of date/times of means of transport. Date/times for arrival or departure of a means transport notified in previous message has been changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33). |  |  |
|  |  | **CHM** Change of mode of transport. Mode of transport notified in previous message has changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33). |  |  |
|  |  | **CHV** Change of means of transport. Means of transport notified in previous message has changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33). |  |  |
|  | 1131 | **Code List Qualifier** | **C an..17** | **X** |
|  |  | Identification of a code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code identifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **X** |
|  |  | Free text, one to five lines. |  |  |
|  | 4440 | **Free text** | **M an..512** | **X** |
|  |  | Free text field available to the message sender for information |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free text field available to the message sender for information |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free text field available to the message sender for information |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free text field available to the message sender for information |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free text field available to the message sender for information |  |  |
| 3453 |  | **LANGUAGE, CODED** | **C1 an..3** | **X** |
|  |  | Code of language (ISO 639-1988). |  |  |
| 4447 |  | **TEXT FORMATTING, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the formatting parameters for the text. |  |  |

## 4.5 FTX – Free Text (Additional change information)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0040 |  |  |
|  | Group: |  |  |  |
|  | Level: | 0 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to give information on the changes in the message in case of changes to previously sent message. The text subject to be qualified: - Change information |  |  |
|  | Dependency Notes: | 1. If messagefunction EQ "9", then set Usage to 'Not Used'. |  |  |
|  |  |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
|  |  |  |  |  |
| 4451 |  | **TEXT SUBJECT QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying subject of the text |  |  |
|  |  | **ACB** Additional Information. The text contains additional information. |  |  |
| 4453 |  | **TEXT FUNCTION, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the purpose of the text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **X** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **M an..17** | **X** |
|  |  | Code specifying free form text. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **R** |
|  |  | Free text; one to five lines |  |  |
|  | 4440 | **Free text** | **M an..512** | **M** |
|  |  | Free form text |  |  |
|  |  | **DGN REMARKS GENERAL** |  | **O** |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
| 3453 |  | **LANGUAGE, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the language name. |  |  |
| 4447 |  | **TEXT FORMATTING, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the format of free text. |  |  |

## 4.6 FTX - Free Text (Certificate of Fitness)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0040 |  |  |
|  | Group: |  |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Conditional (Dependent) |  |  |
|  | Max Use | 2 |  |  |
|  | Purpose: | To provide free form or coded text information. |  |  |
|  | Dependency Notes: | 1. If TankerNotanker EQ '89T', then set Usage to 'Used' |  |  |
|  |  |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
|  |  |  |  |  |
| 4451 |  | **TEXT SUBJECT, QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying subject of the text |  |  |
|  |  | MAIN VESSEL CERTIFICATE/FITNESS AVAILABLE INDICATOR | | **O** |
|  |  | MAIN VESSEL CERTIFICATE/FITNESS STOWAGE INDICATOR | | **O** |
|  |  | **COF** Certificate of Fitness available. \*Code added. |  |  |
|  |  | **COS** Certificate of Fitness Stowage. \*Code added. |  |  |
| 4453 |  | **TEXT FUNCTION, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the purpose of the text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **X** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **M an..17** | **X** |
|  |  | Code specifying free form text. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **X** |
|  |  | Free text; one to five lines |  |  |
|  | 4440 | **Free text** | **M an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
| 3453 |  | **LANGUAGE, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the language name. |  |  |
| 4447 |  | **TEXT FORMATTING, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the format of free text. |  |  |

## 4.7 FTX – Free Text (Defect/SOLAS certificate)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0040 |  |  |
|  | Group: |  |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Conditional (Dependent) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | To provide free form or coded text information. |  |  |
|  | Dependency Notes: | 1. If TankerNotanker EQ '89T', then set Usage to 'Used' |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 4451 |  | **TEXT SUBJECT QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying subject of the text |  |  |
|  |  | MAIN VESSEL CERTIFICATE/SOLAS AVAILABLE INDICATOR |  | **O** |
|  |  | MAIN VESSEL REPORTS DEFECT INDICATOR |  | **O** |
|  |  | EMERGENCY INSTRUCTION AVAILABLE INDICATOR |  | **O** |
|  |  | **AFJ** Defect description. Description of the defect. |  |  |
|  |  | **EMR** Emergency instructions available. \*Code added. |  |  |
|  |  | **SOL** SOLAS certificate available. \*Code added. |  |  |
| 4453 |  | **TEXT FUNCTION, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the function of free text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **X** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **M an..17** | **X** |
|  |  | Code specifying free form text. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **X** |
|  |  | Free text; one to five lines |  |  |
|  | 4440 | **Free text** | **M an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
| 3453 |  | **LANGUAGE, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the language name. |  |  |
| 4447 |  | **TEXT FORMATTING, CODED** | **C1 an..3** | **X** |
|  |  | Code specifying the format of free text. |  |  |

## 4.8 HAN – Handling Instructions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **HAN** | **Handling Instructions** | |
|  | Position: | 0050 |  |  |
|  | Group: |  |  |  |
|  | Level: | 0 |  |  |
|  | Usage: | Conditional (Dependent) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to report a handling operation to be taken on the hazardous cargo. (Some ports oblige the agents to report only one handling operation of hazardous cargo per IFTDGN message). |  |  |
|  | Dependency Notes: | 1. If HandlingActionConsig DOESN'T EXIST, then set Usage to 'Must Use'. |  |  |
|  |  | 2. If HandlingActionConsig EXISTS, then set Usage to 'Not Used' |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C524 |  | **HANDLING INSTRUCTIONS** | **C1** | **R** |
|  |  | Instruction for the handling of goods, products or articles in shipment, storage etc. |  |  |
|  | 4079 | **Handling instruction description code** | **C an..3** | **R** |
|  |  | Code specifying a handling instruction. |  |  |
|  |  | **Business Rules:** |  |  |
|  |  | Variable Name:HandlingAction |  |  |
|  |  | GOODS HANDLING INFO CODED |  | **C** |
|  |  | Remarks for HAN segment on message level in exceptional situation: In the Port of Antwerp two additional codes may need to be used (namely for the case that one party acts both as forwarder and as carrier's agent (NAD with qualifier for Both)): |  |  |
|  |  | **DO** Discharge/On-carriage |  |  |
|  |  | **PL** Pre-carriage/Load |  |  |
|  |  | **CTC** Cargo Tank Cleaning |  |  |
|  |  | **LDI** Discharge Action |  |  |
|  |  | **LLO** Load Action |  |  |
|  |  | **RES** Re-stow |  |  |
|  |  | **T** In Transit Action |  |  |
|  |  | **TSP** Transportation in the same port |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 4078 | **Handling instruction description** | **C an..70** | **X** |
|  |  | Free form description of a handling instruction. |  |  |
| C218 |  | **HAZARDOUS MATERIAL** | **C1** | **X** |
|  |  | To specify a hazardous material. |  |  |
|  | 7419 | Hazardous material category name code | C an..7 | X |
|  |  | Code specifying a kind of hazard for a material. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 7418 | **Hazardous material category name** | **C an..35** | **X** |
|  |  | Name of a kind of hazard for a material |  |  |

## 4.9 SG1 – Segment Group 1 (RFF)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **RFF (SG1)** | **Segment Group SG1** | |  |
|  |  | Position: | 0060 |  |  |  |
|  |  | Group: | SG1 |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Optional (Dependent) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to specify a reference relating to the whole message and its date and time. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
|  |  |  |  |  |  |  |
| M | 0070 | RFF | **Reference** | **M** | **1** |  |

## 4.10 RFF – Reference (Reference to previous message)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **RFF** | **Reference** | |
|  | Position: | 0070 (Trigger segment) |  |  |
|  | Group: | SG1 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to express a reference which applies to the entire message. The reference to be qualified: - Carrier's agent reference number - Freight forwarders reference number - Reference to previous message. |  |  |
|  | Dependency Notes: | 1. If MessageFunction NE '9', then set Usage to 'Must Use' |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C506 |  | **REFERENCE** | **M1** | **M** |
|  |  | Identification of a reference |  |  |
|  | 1153 | **Reference code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying a reference. |  |  |
|  |  | **ACW** Reference number to previous message. Reference number assigned to the message which was previously issued (e.g. in the case of a cancellation, the primary reference of the message to be cancelled will be quoted in this element). |  |  |
|  | 1154 | **Reference identifier** | **C an..70** | **R** |
|  |  | Identifies a reference |  |  |
|  |  | MESSAGE CHANGE REFERENCE PREVIOUS MESSAGE |  | **C** |
|  | 1156 | **Document line identifier** | **C an..6** | **X** |
|  |  | To identify a line of a document. |  |  |
|  | 4000 | **Reference version identifier** | **C an..35** | **X** |
|  |  | To identify the version of a reference |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |

## 4.11 RFF – Reference (Forwarder/Agent reference number)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **RFF** | **Reference** | |
|  | Position: | 0070 (Trigger segment) |  |  |
|  | Group: | SG1 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to express a reference which applies to the entire message. The reference to be qualified: - Carrier's agent reference number - Freight forwarders reference number - Reference to previous message. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C506 |  | **REFERENCE** | **M1** | **M** |
|  |  | Identification of a reference |  |  |
|  | 1153 | **Reference code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying a reference. |  |  |
|  |  | **AAY** Carrier's agent reference number. Reference number assigned by the carriers agent to a transaction. |  |  |
|  |  | **ALG** Dangerous goods security number. Reference number allocated by an authority in order to control the dangerous goods on board of a specific means of transport for dangerous goods security purposes. |  |  |
|  |  | **FF** Freight forwarder's reference number. [1460] Reference number assigned to the consignment by the freight forwarder. |  |  |
|  | 1154 | **Reference identifier** | **C an..70** | **R** |
|  |  | Identifies a reference |  |  |
|  |  | DGN REFERENCE FORWARDER |  | **O** |
|  |  | DGN REFERENCE OCEAN CARRIER AGENT |  | **O** |
|  |  | DGN SECURITY FILE REFERENCE |  | **O** |
|  | 1156 | **Document line identifier** | **C an..6** | **X** |
|  |  | To identify a line of a document. |  |  |
|  | 4000 | **Reference version identifier** | **C an..35** | **X** |
|  |  | To identify the version of a reference |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |

## 4.12 SG2 – Segment Group 2 (TDT-RFF-SG3)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **TDT (SG2)** | **Segment Group SG2** | |  |
|  |  | Position: | 0090 |  |  |  |
|  |  | Group: | SG2 |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Conditional (Required) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to indicate the details of the movement of goods such as means of transport, locations, arrival date/times. |  |  |  |
|  |  |  | The following conditions apply: |  |  |  |
|  |  |  | 1 This group should be completed when the IFTDGN relates to a seagoing vessel. |  |  |  |
|  |  |  | 2 This group is not necessarily used when the IFTDGN does not relate to a seagoing vessel. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0100 | TDT | **Transport Information (trigger segment)** | **M** | **1** |  |
| D | 0120 | RFF | Reference | C | 1 |  |
| O | 0120 | RFF | Reference | C | 8 |  |
|  | 0130 |  | Segment Group SG3 Place/Location Identification | C |  | 1 |
|  | 0130 |  | Segment Group SG3 Place/Location Identification | C |  | 2 |

## 4.13 TDT – Transport Information (Main carriage transport)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **TDT** | **Transport Information** | |
|  | Position: | 0100 (Trigger segment) |  |  |
|  | Group: | SG2 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate the transport information related to the visit of a means of transport in the port. The transport details to be specified: - Main transport. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 8051 |  | **TRANSPORT STAGE CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying a specific stage of transport |  |  |
|  |  | **20** Main-carriage transport. The primary stage in the movement of cargo from the point of origin to the intended destination. |  |  |
| 8028 |  | **MEANS OF TRANSPORT JOURNEY IDENTIFIER** | **C1 an..17** | **O** |
|  |  | To identify a journey of a means of transport. |  |  |
|  |  | MAIN OCEAN VOYAGE REF |  | **O** |
| C220 |  | **MODE OF TRANSPORT** | **C1** | **R** |
|  |  | Method of transport code or name. Code preferred. |  |  |
|  | 8067 | **Transport mode name code** | **C an..3** | **R** |
|  |  | Code specifying the name of a mode of transport. |  |  |
|  |  | **Business rules:** |  |  |
|  |  | Variable Name:TransportMode |  |  |
|  |  | **1** Maritime Transport |  |  |
|  |  | **2** Rail Transport |  |  |
|  |  | **3** Road Transport |  |  |
|  |  | **7** Fixed transport installations |  |  |
|  |  | **8** Inland water transport |  |  |
|  | 8066 | **Transport mode name** | **C an..17** | **X** |
|  |  | Name of a mode of transport. |  |  |
| C001 |  | **TRANSPORT MEANS** | **C1** | **O** |
|  |  | Code and/or name identifying the type of means of transport. |  |  |
|  | 8179 | **Transport means description code** | **C an..8** | **O** |
|  |  | Code specifying the means of transport. |  |  |
|  |  | MAIN VESSEL TYPE CODED |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 8178 | **Transport means description** | **C an..17** | **O** |
|  |  | Free form description of the means of transport. |  |  |
|  |  | MAIN VESSEL TYPE DESCR |  | **O** |
| C040 |  | **CARRIER** | **C1** | **X** |
|  |  | Identification of a carrier by code and/or by name. Code preferred. |  |  |
|  | 3127 | **Carrier identifier** | **C an..17** | **X** |
|  |  | To identify a carrier. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3128 | **Carrier name** | **C an..35** | **X** |
|  |  | Name of a carrier. |  |  |
| 8101 |  | **TRANSIT DIRECTION INDICATOR CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the direction of transport. |  |  |
| C401 |  | **EXCESS TRANSPORTATION INFORMATION** | **C1** | **X** |
|  |  | 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** |
|  |  | Code specifying the reason for excess transportation. |  |  |
|  | 8459 | **Excess transportation responsibility code** | **M an..3** | **X** |
|  |  | Code specifying the responsibility for excess transportation. |  |  |
|  | 7130 | **Customer shipment authorisation identifier** | **C an..17** | **X** |
|  |  | To identify the authorisation to ship issued by the customer. |  |  |
| C222 |  | **TRANSPORT IDENTIFICATION** | **C1** | **O** |
|  |  | Code and/or name identifying the means of transport. |  |  |
|  | 8213 | **Transport means identification name identifier** | **C an..9** | **D** |
|  |  | Identifies the name of the transport means. |  |  |
|  |  | **Business rules:** |  |  |
|  |  | 1. If TransportMode EQ '1', then set Usage to 'Must Use' |  |  |
|  |  | MAIN VESSEL ID LRN |  | **C** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 8212 | **Transport means identification name** | **C an..70** | **D** |
|  |  | Name identifying a means of transport. |  |  |
|  |  | **Business rules:** |  |  |
|  |  | 1. If TransportMode EQ '1', then set Usage to 'Must Use' |  |  |
|  |  | \*Note: Representation extended to 70 characters (an..70 instead of an..35). |  |  |
|  |  | MAIN VESSEL NAME |  | **C** |
|  | 8453 | **Transport means nationality code** | **C an..3** | **D** |
|  |  | Code specifying the nationality of a means of transport. |  |  |
|  |  | **Business rules:** |  |  |
|  |  | 1. If TransportMode EQ '1', then set Usage to 'Must Use' |  |  |
|  |  | MAIN VESSEL NATIONALITY CODED |  | **C** |
| 8281 |  | **TRANSPORT MEANS OWNERSHIP INDICATOR CODE** | **C1 an..3** | **X** |
|  |  | Code indicating the ownership of a means of transport. |  |  |

## 4.14 RFF – Reference (Vessel identification)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **RFF** | **Reference** | |
|  | Position: | 0120 |  |  |
|  | Group: | SG2 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Dependent) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate the transport licence reference number(s) of the main transport. |  |  |
|  | Dependency Notes: | 1. If TransportMode EQ '1', then set Usage to 'Must Use' |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C506 |  | **REFERENCE** | **M1** | **M** |
|  |  | Identification of a reference |  |  |
|  | 1153 | **Reference code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying a reference. |  |  |
|  |  | **CM** Vessel identification. |  |  |
|  |  | (8123) Reference identifying a vessel. |  |  |
|  |  | Note: The reference to UN Rec 10 identifies that the reference number is the code identifying the vessel according to International Telecommunication Union's (ITU's) Radio Call Sign (RCS) for the vessel. |  |  |
|  | 1154 | **Reference identifier** | **C an..70** | **R** |
|  |  | Identifies a reference |  |  |
|  |  | MAIN VESSEL ID RCS |  | **C** |
|  | 1156 | **Document line identifier** | **C an..6** | **X** |
|  |  | To identify a line of a document. |  |  |
|  | 4000 | **Reference version identifier** | **C an..35** | **X** |
|  |  | To identify the version of a reference |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |

## 4.15 RFF – Reference (Transport license)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **RFF** | **Reference** | |
|  | Position: | 0120 |  |  |
|  | Group: | SG2 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 8 |  |  |
|  | Purpose: | A segment to indicate the transport licence reference number(s) of the main transport. |  |  |
|  | Dependency Notes: | 1. If TransportMode EQ '1', then set Usage to 'Must Use' |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C506 |  | **REFERENCE** | **M1** | **M** |
|  |  | Identification of a reference |  |  |
|  | 1153 | **Reference code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying a reference. |  |  |
|  |  | **ALH** Dangerous goods transport licence number. |  |  |
|  |  | Licence number allocated by an authority as to the permission of carrying dangerous goods by a specific means of transport. |  |  |
|  |  | **ATZ** Ship's stay reference number. |  |  |
|  |  | Reference number assigned by a port authority to the stay of a vessel in the port. |  |  |
|  |  | **VON** Voyage Number. |  |  |
|  |  | [8228] Reference number assigned by the carrier or his agent to the voyage of the vessel. |  |  |
|  |  | Carrier agents voyage number if different from Carrier voyage number in TDT 8028. |  |  |
|  | 1154 | **Reference identifier** | **C an..70** | **R** |
|  |  | Identifies a reference |  |  |
|  |  | MAIN OCEAN SHIP'S STAY REFERENCE |  | **O** |
|  |  | MAIN VESSEL TRANSPORT LICENSE NUMBER |  | **O** |
|  |  | MAIN VESSEL VOYAGE REF ALTERNATIVE |  | **O** |
|  | 1156 | **Document line identifier** | **C an..6** | **X** |
|  |  | To identify a line of a document. |  |  |
|  | 4000 | **Reference version identifier** | **C an..35** | **X** |
|  |  | To identify the version of a reference |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |

## 4.16 SG3 – Segment Group 3 (LOC-DTM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **LOC (SG3)** | **Segment Group SG3** | |  |
|  |  | Position: | 0130 |  |  |  |
|  |  | Group: | SG2 |  |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Required) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A segment group to specify locations related to the arrival of the means of transport. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0140 | LOC | **Place/Location identification** | **M** | **1** |  |
| D | 0150 | DTM | Date/Time/Period | C | 1 |  |
| O | 0150 | DTM | Date/Time/Period | C | 1 |  |

## 4.17 LOC – Place/Location Identification (Ports of call)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **LOC** | **Place/Location Identification** | |
|  | Position: | 0140 (Trigger segment) |  |  |
|  | Group: | SG2-SG3 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate locations related to the arrival of the means of transport including port of discharge, port of origin as well as berths. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3227 |  | **LOCATION FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code identifying the function of a location. |  |  |
|  |  | **153** Port of Call.. Port where a vessel has called upon or will call upon. |  |  |
| C517 |  | **LOCATION IDENTIFICATION** | **C1** | **R** |
|  |  | Identification of a location by code or name. |  |  |
|  | 3225 | **Location name code** | **C an..35** | **R** |
|  |  | Code specifying the name of the location. |  |  |
|  |  | Note: Use UN/ECE Recommendation No. 16: UNLOCODE. |  |  |
|  |  | MAIN VESSEL PORT/CALL CODED |  | **M** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3224 | **Location Name** | **C an..256** | **X** |
|  |  | Name of the location. |  |  |
| C519 |  | **RELATED LOCATION ONE IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the first related location by code or name. |  |  |
|  | 3223 | **First related location name code** | **C an..25** | **X** |
|  |  | Code specifying first related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **First related location name** | **C an..70** | **X** |
|  |  | Name of first related location. |  |  |
| C553 |  | **RELATED LOCATION TWO IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the second related location by code or name. | |  |
|  | 3223 | **Second related location name code** | **C an..25** | **X** |
|  |  | Code specifying second related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **Second related location name** | **C an..70** | **X** |
|  |  | Name of second related location. |  |  |
| 5479 |  | **RELATION CODE** | **C1 an..3** | **X** |
|  |  | Code specifying a relation. |  |  |

## 4.18 DTM – Date/Time/Period (Estimated arrival date/time)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **DTM** | **Date/Time/Period** | |
|  | Position: | 0150 |  |  |
|  | Group: | SG2-SG3 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Dependent) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify estimated date(s) and time(s) of arrival at, and departure from the location. |  |  |
|  | Dependency Notes: | 1. If TransportMode EQ '1', then set Usage to 'Must Use' |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C507 |  | **DATE/TIME/PERIOD** | **M1** | **M** |
|  |  | 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** |
|  |  | Code qualifying the function of a date, time or period. |  |  |
|  |  | **132** Arrival date/time, estimated. [2348] Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. |  |  |
|  | 2380 | **Date or Time or Period text** | **C an..35** | **R** |
|  |  | The value of a date, a date and time, a time or of a period in a specified representation. |  |  |
|  |  | MAIN VESSEL D/T ETA POC |  | **C** |
|  |  | Date/times are specified in local time. |  |  |
|  | 2379 | **Date or Time or Period format code** | **C an..3** | **R** |
|  |  | Code specifying the representation of a date, time or period. |  |  |
|  |  | **203** CCYYMMDDHHMM |  |  |
|  |  | Calendar date including time with minutes. |  |  |
|  |  | C=Century - Y=Year - M=Month - D=Day - H=Hour - M=Minutes |  |  |

## 4.19 DTM – Date/Time/Period (Estimated departure date/time)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **DTM** | **Date/Time/Period** | |
|  | Position: | 0150 |  |  |
|  | Group: | SG2-SG3 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify estimated date(s) and time(s) of arrival at, and departure from the location. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C507 |  | **DATE/TIME/PERIOD** | **M1** | **M** |
|  |  | 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** |
|  |  | Code qualifying the function of a date, time or period. |  |  |
|  |  | **133** Departure date/time, estimated. Date/time when carrier estimates that a means of transport should depart at the place of departure. |  |  |
|  | 2380 | **Date or Time or Period text** | **C an..35** | **R** |
|  |  | The value of a date, a date and time, a time or of a period in a specified representation. |  |  |
|  |  | MAIN VESSEL D/T ETA POC |  | **O** |
|  |  | Date/times are specified in local time. |  |  |
|  | 2379 | **Date or Time or Period format code** | **C an..3** | **R** |
|  |  | Code specifying the representation of a date, time or period. |  |  |
|  |  | **203** CCYYMMDDHHMM |  |  |
|  |  | Calendar date including time with minutes. |  |  |
|  |  | C=Century - Y=Year - M=Month - D=Day - H=Hour - M=Minutes |  |  |

## 4.20 SG3 – Segment Group 3 (LOC)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **LOC (SG3)** | **Segment Group SG3** | |  |
|  |  | Position: | 0130 |  |  |  |
|  |  | Group: | SG2 |  |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 2 |  |  |  |
|  |  | Purpose: | A segment group to specify locations related to the arrival of the means of transport. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0140 | LOC | **Place/Location identification** | **M** | **1** |  |

## 4.21 LOC – Place/Location Identification (Place of departure/Next port)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **LOC** | **Place/Location Identification** | |
|  | Position: | 0140 (Trigger segment) |  |  |
|  | Group: | SG2-SG3 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate locations related to the arrival of the means of transport including port of discharge, port of origin as well as berths. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3227 |  | **LOCATION FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code identifying the function of a location. |  |  |
|  |  | **5** Place of Departure. |  |  |
|  |  | (3214) Port, airport or other location from which a means of transport or transport equipment is scheduled to depart or has departed. Synonym: Port of origin (of vessel's voyage). |  |  |
|  |  | **61** Next port of call. |  |  |
|  |  | Next port which the vessel is going to call upon. |  |  |
| C517 |  | **LOCATION IDENTIFICATION** | **C1** | **R** |
|  |  | Identification of a location by code or name. |  |  |
|  | 3225 | **Location name code** | **C an..35** | **R** |
|  |  | Code specifying the name of the location. |  |  |
|  |  | Note: Use UN/ECE Recommendation No. 16: UNLOCODE. |  |  |
|  |  | MAIN VESSEL PORT/CALL NEXT CODED |  | **O** |
|  |  | MAIN VESSEL PORT/ORIGIN CODED |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3224 | **Location Name** | **C an..256** | **X** |
|  |  | Name of the location. |  |  |
|  |  | MAIN VESSEL PORT/CALL NEXT NAME |  | **O** |
|  |  | MAIN VESSEL PORT/ORIGIN NAME |  | **O** |
| C519 |  | **RELATED LOCATION ONE IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the first related location by code or name. |  |  |
|  | 3223 | **First related location name code** | **C an..25** | **X** |
|  |  | Code specifying first related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **First related location name** | **C an..70** | **X** |
|  |  | Name of first related location. |  |  |
| C553 |  | **RELATED LOCATION TWO IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the second related location by code or name. | |  |
|  | 3223 | **Second related location name code** | **C an..25** | **X** |
|  |  | Code specifying second related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **Second related location name** | **C an..70** | **X** |
|  |  | Name of second related location. |  |  |
| 5479 |  | **RELATION CODE** | **C1 an..3** | **X** |
|  |  | Code specifying a relation. |  |  |

## 4.22 SG4 – Segment Group 4 (NAD-SG5)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **NAD (SG4)** | **Segment Group SG4** | |  |
|  |  | Position: | 0160 |  |  |  |
|  |  | Group: |  |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Conditional (Required) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to identify a party relevant to the entire message, and its related contacts. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0170 | NAD | Name and Address | M | 1 |  |
|  | 0180 |  | Segment Group SG5: Contact Information | C |  | 2 |

## 4.23 NAD – Name and Address (Message sender)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **NAD** | **Name and Address** | |
|  | Position: | 0170 (Trigger segment) |  |  |
|  | Group: | SG4 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a party's name, address and function relevant to the entire message. |  |  |
|  |  | The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder. |  |  |
|  |  | Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3035 |  | **PARTY FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code giving specific meaning to a party. |  |  |
|  |  | **MS** Document/message issuer/sender. Issuer of a document and/or sender of a message. |  |  |
| C082 |  | **PARTY IDENTIFICATION DETAILS** | **C1** | **R** |
|  |  | Identification of a transaction party by code. |  |  |
|  | 3039 | **Party identifier** | **M an..35** | **M** |
|  |  | Code specifying the identity of a party. |  |  |
|  |  | MESSAGE SENDER ID |  | M |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C058 |  | **NAME AND ADDRESS** | **C1** | **O** |
|  |  | Unstructured name and address: one to five lines. |  |  |
|  | 3124 | **Name and address description** | **M an..35** | **M** |
|  |  | Free form description of a name and address line. |  |  |
|  |  | MESSAGE SENDER NAME & ADDR, etc |  | **C** |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
| C080 |  | **PARTY NAME** | **C1** | **O** |
|  |  | Identification of a transaction party by name, one to five lines. Party name may be formatted. |  |  |
|  | 3036 | **Party Name** | **M an..35** | **M** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3045 | **Party name format code** | **C an..3** | **X** |
|  |  | Code specifying the representation of a party name. |  |  |
| C059 |  | **STREET** | C1 | O |
|  |  | Street address and/or PO Box number in a structured address: one to four lines. |  |  |
|  | 3042 | **Street and number or post office box** | **M an..35** | **M** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
| 3164 |  | **CITY NAME** | **C1 an..35** | **O** |
|  |  | Name of a city |  |  |
| C819 |  | **COUNTRY SUB-ENTITY DETAILS** | **C1** | **O** |
|  |  | To specify a part of a country (eg county or part of a city). |  |  |
|  | 3229 | **Country sub-entity name code** | **C an..9** | **O** |
|  |  | Code specifying the name of a country sub-entity. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3228 | **Country sub-entity name** | **C an..70** | **X** |
|  |  | Name of a country sub-entity. |  |  |
| 3251 |  | **POSTAL IDENTIFICATION CODE** | **C1 an..17** | **O** |
|  |  | Code specifying the postal zone or address. |  |  |
| 3207 |  | **COUNTRY, CODED** | **C1 an..35** | **O** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |

## 4.24 SG5 – Segment Group 5 (CTA-COM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **CTA (SG5)** | **Segment Group SG5** | |  |
|  |  | Position: | 0180 |  |  |  |
|  |  | Group: | SG4 (Name and Address) |  |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 2 |  |  |  |
|  |  | Purpose: | A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0190 | CTA | Contact Information | M | 1 |  |
| O | 0200 | COM | Communication contact | C | 3 |  |

## 4.25 CTA – Contact Information (sender contact name)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **CTA** | **Contact Information** | |
|  | Position: | 0190 (Trigger segment) |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a person or department within a party. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3139 |  | **CONTACT FUNCTION CODE** | **C1 an..3** | **R** |
|  |  | Code specifying the function of a contact (e.g. department or person). |  |  |
|  |  | **IC** Information contact. Department/person to contact for questions regarding transactions. |  |  |
| C056 |  | **DEPARTMENT OR EMPLOYEE DETAILS** | **C1** | **R** |
|  |  | Code and/or name of a department or employee. Code preferred. |  |  |
|  | 3413 | **Department or employee name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a department or employee. |  |  |
|  | 3412 | **Department or employee name** | **C an..35** | **R** |
|  |  | Name of a department or employee. |  |  |
|  |  | MESSAGE SENDER CONTACT NAME |  | **O** |

## 4.26 COM – Communication Contact (sender mail/fax/phone)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **COM** | **Communication Contact** | |
|  | Position: | 0200 |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C076 |  | **COMMUNICATION CONTACT** | **M3** | **M** |
|  |  | Communication number of a department or employee in a specified channel. |  |  |
|  | 3148 | **Communication address identifier** | **M an..512** | **M** |
|  |  | To identify a communication address. |  |  |
|  |  | MESSAGE SENDER CONTACT PHONE/FAX/EMAIL O |  | **O** |
|  |  | No spaces or hyphens allowed. |  |  |
|  | 3155 | **Communication address code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying the communication address. |  |  |
|  |  | **EM** Electronic mail. Exchange of mail by electronic means. |  |  |
|  |  | **FX** Telefax. Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media. |  |  |
|  |  | **TE** Telephone. Voice/data transmission by telephone. |  |  |

## 4.27 SG4 – Segment Group 4 (NAD-SG5)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **NAD (SG4)** | **Segment Group SG4** | |  |
|  |  | Position: | 0160 |  |  |  |
|  |  | Group: |  |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Conditional (Required) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to identify a party relevant to the entire message, and its related contacts. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0170 | NAD | Name and Address | M | 1 |  |
|  | 0180 |  | Segment Group SG5: Contact Information | C |  | 2 |

## 4.28 NAD – Name and Address (Message recipient)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **NAD** | **Name and Address** | |
|  | Position: | 0170 (Trigger segment) |  |  |
|  | Group: | SG4 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a party's name, address and function relevant to the entire message. |  |  |
|  |  | The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder. |  |  |
|  |  | Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3035 |  | **PARTY FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code giving specific meaning to a party. |  |  |
|  |  | **MR** Message recipient. A party to receive a message or messages. |  |  |
| C082 |  | **PARTY IDENTIFICATION DETAILS** | **C1** | **R** |
|  |  | Identification of a transaction party by code. |  |  |
|  | 3039 | **Party identifier** | **M an..35** | **M** |
|  |  | Code specifying the identity of a party. |  |  |
|  |  | MESSAGE RECIPIENT ID |  | M |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C058 |  | **NAME AND ADDRESS** | **C1** | **O** |
|  |  | Unstructured name and address: one to five lines. |  |  |
|  | 3124 | **Name and address description** | **M an..35** | **M** |
|  |  | Free form description of a name and address line. |  |  |
|  |  | MESSAGE RECIPIENT NAME & ADDR, etc |  | **C** |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
| C080 |  | **PARTY NAME** | **C1** | **O** |
|  |  | Identification of a transaction party by name, one to five lines. Party name may be formatted. |  |  |
|  | 3036 | **Party Name** | **M an..35** | **M** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3045 | **Party name format code** | **C an..3** | **X** |
|  |  | Code specifying the representation of a party name. |  |  |
| C059 |  | **STREET** | C1 | O |
|  |  | Street address and/or PO Box number in a structured address: one to four lines. |  |  |
|  | 3042 | **Street and number or post office box** | **M an..35** | **M** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
| 3164 |  | **CITY NAME** | **C1 an..35** | **O** |
|  |  | Name of a city |  |  |
| C819 |  | **COUNTRY SUB-ENTITY DETAILS** | **C1** | **O** |
|  |  | To specify a part of a country (eg county or part of a city). |  |  |
|  | 3229 | **Country sub-entity name code** | **C an..9** | **O** |
|  |  | Code specifying the name of a country sub-entity. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3228 | **Country sub-entity name** | **C an..70** | **X** |
|  |  | Name of a country sub-entity. |  |  |
| 3251 |  | **POSTAL IDENTIFICATION CODE** | **C1 an..17** | **O** |
|  |  | Code specifying the postal zone or address. |  |  |
| 3207 |  | **COUNTRY, CODED** | **C1 an..35** | **O** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |

## 4.29 SG5 – Segment Group 5 (CTA-COM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **CTA (SG5)** | **Segment Group SG5** | |  |
|  |  | Position: | 0180 |  |  |  |
|  |  | Group: | SG4 (Name and Address) |  |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 2 |  |  |  |
|  |  | Purpose: | A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0190 | CTA | Contact Information | M | 1 |  |
| O | 0200 | COM | Communication contact | C | 3 |  |

## 4.30 CTA – Contact Information (Message recipient contact name)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **CTA** | **Contact Information** | |
|  | Position: | 0190 (Trigger segment) |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a person or department within a party. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3139 |  | **CONTACT FUNCTION CODE** | **C1 an..3** | **R** |
|  |  | Code specifying the function of a contact (e.g. department or person). |  |  |
|  |  | **IC** Information contact. Department/person to contact for questions regarding transactions. |  |  |
| C056 |  | **DEPARTMENT OR EMPLOYEE DETAILS** | **C1** | **R** |
|  |  | Code and/or name of a department or employee. Code preferred. |  |  |
|  | 3413 | **Department or employee name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a department or employee. |  |  |
|  | 3412 | **Department or employee name** | **C an..35** | **R** |
|  |  | Name of a department or employee. |  |  |
|  |  | MESSAGE RECIPIENT CONTACT NAME |  | **O** |

## 4.31 COM – Communication Contact (Message Recipient Contact Phone)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **COM** | **Communication Contact** | |
|  | Position: | 0200 |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C076 |  | **COMMUNICATION CONTACT** | **M3** | **M** |
|  |  | Communication number of a department or employee in a specified channel. |  |  |
|  | 3148 | **Communication address identifier** | **M an..512** | **M** |
|  |  | To identify a communication address. |  |  |
|  |  | MESSAGE RECIPIENT CONTACT PHONE/FAX/EMAIL O |  | **O** |
|  |  | No spaces or hyphens allowed. |  |  |
|  | 3155 | **Communication address code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying the communication address. |  |  |
|  |  | **EM** Electronic mail. Exchange of mail by electronic means. |  |  |
|  |  | **FX** Telefax. Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media. |  |  |
|  |  | **TE** Telephone. Voice/data transmission by telephone. |  |  |

## 4.32 SG4 – Segment Group 4 (NAD-SG5)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **NAD (SG4)** | **Segment Group SG4** | |  |
|  |  | Position: | 0160 |  |  |  |
|  |  | Group: |  |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Conditional (Required) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to identify a party relevant to the entire message, and its related contacts. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0170 | NAD | Name and Address | M | 1 |  |
|  | 0180 |  | Segment Group SG5: Contact Information | C |  | 2 |

## 4.33 NAD – Name and Address (Carrier’s agent)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **NAD** | **Name and Address** | |
|  | Position: | 0170 (Trigger segment) |  |  |
|  | Group: | SG4 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a party's name, address and function relevant to the entire message. |  |  |
|  |  | The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder. |  |  |
|  |  | Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3035 |  | **PARTY FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code giving specific meaning to a party. |  |  |
|  |  | **CG** Carriers agent. Party authorized to act for or on behalf of carrier. |  |  |
| C082 |  | **PARTY IDENTIFICATION DETAILS** | **C1** | **R** |
|  |  | Identification of a transaction party by code. |  |  |
|  | 3039 | **Party identifier** | **M an..35** | **M** |
|  |  | Code specifying the identity of a party. |  |  |
|  |  | MAIN OCEAN CARRIER AGENT ID |  | M |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C058 |  | **NAME AND ADDRESS** | **C1** | **O** |
|  |  | Unstructured name and address: one to five lines. |  |  |
|  | 3124 | **Name and address description** | **M an..35** | **M** |
|  |  | Free form description of a name and address line. |  |  |
|  |  | MAIN OCEAN CARRIER AGENT NAME & ADDRESS, etc. |  | **C** |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
| C080 |  | **PARTY NAME** | **C1** | **O** |
|  |  | Identification of a transaction party by name, one to five lines. Party name may be formatted. |  |  |
|  | 3036 | **Party Name** | **M an..35** | **M** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3045 | **Party name format code** | **C an..3** | **X** |
|  |  | Code specifying the representation of a party name. |  |  |
| C059 |  | **STREET** | C1 | O |
|  |  | Street address and/or PO Box number in a structured address: one to four lines. |  |  |
|  | 3042 | **Street and number or post office box** | **M an..35** | **M** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
| 3164 |  | **CITY NAME** | **C1 an..35** | **O** |
|  |  | Name of a city |  |  |
| C819 |  | **COUNTRY SUB-ENTITY DETAILS** | **C1** | **O** |
|  |  | To specify a part of a country (eg county or part of a city). |  |  |
|  | 3229 | **Country sub-entity name code** | **C an..9** | **O** |
|  |  | Code specifying the name of a country sub-entity. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3228 | **Country sub-entity name** | **C an..70** | **X** |
|  |  | Name of a country sub-entity. |  |  |
| 3251 |  | **POSTAL IDENTIFICATION CODE** | **C1 an..17** | **O** |
|  |  | Code specifying the postal zone or address. |  |  |
| 3207 |  | **COUNTRY, CODED** | **C1 an..35** | **O** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |

## 4.34 SG5 – Segment Group 5 (CTA-COM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **CTA (SG5)** | **Segment Group SG5** | |  |
|  |  | Position: | 0180 |  |  |  |
|  |  | Group: | SG4 (Name and Address) |  |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 2 |  |  |  |
|  |  | Purpose: | A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0190 | CTA | Contact Information | M | 1 |  |
| O | 0200 | COM | Communication contact | C | 3 |  |

## 4.35 CTA – Contact Information (Carrier’s agent contact name)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **CTA** | **Contact Information** | |
|  | Position: | 0190 (Trigger segment) |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a person or department within a party. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3139 |  | **CONTACT FUNCTION CODE** | **C1 an..3** | **R** |
|  |  | Code specifying the function of a contact (e.g. department or person). |  |  |
|  |  | **IC** Information contact. Department/person to contact for questions regarding transactions. |  |  |
| C056 |  | **DEPARTMENT OR EMPLOYEE DETAILS** | **C1** | **R** |
|  |  | Code and/or name of a department or employee. Code preferred. |  |  |
|  | 3413 | **Department or employee name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a department or employee. |  |  |
|  | 3412 | **Department or employee name** | **C an..35** | **R** |
|  |  | Name of a department or employee. |  |  |
|  |  | MAIN OCEAN CARRIER AGENT CONTACT NAME |  | **O** |

## 4.36 COM – Communication Contact (Carrier’s agent phone/email)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **COM** | **Communication Contact** | |
|  | Position: | 0200 |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C076 |  | **COMMUNICATION CONTACT** | **M3** | **M** |
|  |  | Communication number of a department or employee in a specified channel. |  |  |
|  | 3148 | **Communication address identifier** | **M an..512** | **M** |
|  |  | To identify a communication address. |  |  |
|  |  | MAIN OCEAN CARRIER AGENT CONTACT PHONE/FAX/EMAIL | | **O** |
|  |  | No spaces or hyphens allowed. |  |  |
|  | 3155 | **Communication address code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying the communication address. |  |  |
|  |  | **EM** Electronic mail. Exchange of mail by electronic means. |  |  |
|  |  | **FX** Telefax. Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media. |  |  |
|  |  | **TE** Telephone. Voice/data transmission by telephone. |  |  |

## 4.37 SG4 – Segment Group 4 (NAD-SG5)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **NAD (SG4)** | **Segment Group SG4** | |  |
|  |  | Position: | 0160 |  |  |  |
|  |  | Group: |  |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Conditional (Required) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to identify a party relevant to the entire message, and its related contacts. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0170 | NAD | Name and Address | M | 1 |  |
|  | 0180 |  | Segment Group SG5: Contact Information | C |  | 2 |

## 4.38 NAD – Name and Address (Declaring agent/forwarder, notify part, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **NAD** | **Name and Address** | |
|  | Position: | 0170 (Trigger segment) |  |  |
|  | Group: | SG4 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a party's name, address and function relevant to the entire message. |  |  |
|  |  | The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder. |  |  |
|  |  | Remark: the place of this segment group in the message is derived from the single consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message recipient, Message sender, Acknowledgement recipient, Notify party (in case of calamity. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3035 |  | **PARTY FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code giving specific meaning to a party. |  |  |
|  |  | Remark for NAD segment on message level in exceptional situation: In the Port of Antwerp two parties may need to be additionally indicated: |  |  |
|  |  | **DA** Declaring Agent |  |  |
|  |  | **BO** Both (Party acting both as declaring agent and as declaring forwarder). |  |  |
|  |  | **AK** Acknowledgement recipient. Party to whom acknowledgement should be sent. |  |  |
|  |  | **CA** Carrier. (3126) Party undertaking or arranging transport of goods between named points. |  |  |
|  |  | **FW** Freight Forwarder. Party arranging forwarding of goods. |  |  |
|  |  | **N1** Notify Party no. 1. The first party which is to be notified. |  |  |
| C082 |  | **PARTY IDENTIFICATION DETAILS** | **C1** | **R** |
|  |  | Identification of a transaction party by code. |  |  |
|  | 3039 | **Party identifier** | **M an..35** | **M** |
|  |  | Code specifying the identity of a party. |  |  |
|  |  | FORWARDER ID |  | **O** |
|  |  | MAIN OCEAN CARRIER ID |  | **O** |
|  |  | MESSAGE ACKNOWLEDGEMENT RECIPIENT ID |  | **O** |
|  |  | MESSAGE NOTIFY ID |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C058 |  | **NAME AND ADDRESS** | **C1** | **O** |
|  |  | Unstructured name and address: one to five lines. |  |  |
|  | 3124 | **Name and address description** | **M an..35** | **M** |
|  |  | Free form description of a name and address line. |  |  |
|  |  | FORWARDER NAME & ADDRESS, etc. |  | **O** |
|  |  | MAIN OCEAN CARRIER NAME & ADDRESS, etc. |  | **O** |
|  |  | MESSAGE ACKNOWLEDGEMENT RECIPIENT NAME & ADDRESS, etc. |  | **O** |
|  |  | MESSAGE NOTIFY NAME & ADDRESS |  | **O** |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
| C080 |  | **PARTY NAME** | **C1** | **O** |
|  |  | Identification of a transaction party by name, one to five lines. Party name may be formatted. |  |  |
|  | 3036 | **Party Name** | **M an..35** | **M** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3045 | **Party name format code** | **C an..3** | **X** |
|  |  | Code specifying the representation of a party name. |  |  |
| C059 |  | **STREET** | C1 | O |
|  |  | Street address and/or PO Box number in a structured address: one to four lines. |  |  |
|  | 3042 | **Street and number or post office box** | **M an..35** | **M** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
| 3164 |  | **CITY NAME** | **C1 an..35** | **O** |
|  |  | Name of a city |  |  |
| C819 |  | **COUNTRY SUB-ENTITY DETAILS** | **C1** | **O** |
|  |  | To specify a part of a country (eg county or part of a city). |  |  |
|  | 3229 | **Country sub-entity name code** | **C an..9** | **O** |
|  |  | Code specifying the name of a country sub-entity. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3228 | **Country sub-entity name** | **C an..70** | **X** |
|  |  | Name of a country sub-entity. |  |  |
| 3251 |  | **POSTAL IDENTIFICATION CODE** | **C1 an..17** | **O** |
|  |  | Code specifying the postal zone or address. |  |  |
| 3207 |  | **COUNTRY, CODED** | **C1 an..35** | **O** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |

## 4.39 SG5 – Segment Group 5 (CTA-COM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **CTA (SG5)** | **Segment Group SG5** | |  |
|  |  | Position: | 0180 |  |  |  |
|  |  | Group: | SG4 (Name and Address) |  |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 2 |  |  |  |
|  |  | Purpose: | A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0190 | CTA | Contact Information | M | 1 |  |
| O | 0200 | COM | Communication contact | C | 3 |  |

## 4.40 CTA – Contact Information (Agent/forwarder/notify party, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **CTA** | **Contact Information** | |
|  | Position: | 0190 (Trigger segment) |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a person or department within a party. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3139 |  | **CONTACT FUNCTION CODE** | **C1 an..3** | **R** |
|  |  | Code specifying the function of a contact (e.g. department or person). |  |  |
|  |  | **IC** Information contact. Department/person to contact for questions regarding transactions. |  |  |
| C056 |  | **DEPARTMENT OR EMPLOYEE DETAILS** | **C1** | **R** |
|  |  | Code and/or name of a department or employee. Code preferred. |  |  |
|  | 3413 | **Department or employee name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a department or employee. |  |  |
|  | 3412 | **Department or employee name** | **C an..35** | **R** |
|  |  | Name of a department or employee. |  |  |
|  |  | FORWARDER CONTACT NAME |  | **O** |
|  |  | MAIN OCEAN CARRIER CONTACT NAME |  |  |
|  |  | MESSAGE ACKNOWLEDGEMENT RECIPIENT CONTACT NAME | |  |
|  |  | MESSAGE NOTIFY CONTACT NAME |  |  |

## 4.41 COM – Communication Contact (Agent/forwarder/notify party, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **COM** | **Communication Contact** | |
|  | Position: | 0200 |  |  |
|  | Group: | SG4-SG5 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C076 |  | **COMMUNICATION CONTACT** | **M3** | **M** |
|  |  | Communication number of a department or employee in a specified channel. |  |  |
|  | 3148 | **Communication address identifier** | **M an..512** | **M** |
|  |  | To identify a communication address. |  |  |
|  |  | FORWARDER CONTACT PHONE/FAX/EMAIL |  | **O** |
|  |  | MAIN OCEAN CARRIER CONTACT PHONE/FAX/EMAIL |  | **O** |
|  |  | MESSAGE ACKNOWLEDGEMENT RECIPIENT CONTACT PHONE/FAX/EMAIL |  | **O** |
|  |  | MESSAGE NOTIFY CONTACT PHONE/FAX/EMAIL |  | **O** |
|  |  | No spaces or hyphens allowed. |  |  |
|  | 3155 | **Communication address code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying the communication address. |  |  |
|  |  | **EM** Electronic mail. Exchange of mail by electronic means. |  |  |
|  |  | **FX** Telefax. Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media. |  |  |
|  |  | **TE** Telephone. Voice/data transmission by telephone. |  |  |

## 4.42 SG6 – Segment Group 6 (EQD-MEA)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **EQD (SG6)** | **Segment Group SG6** | |  |
|  |  | Position: | 0210 |  |  |  |
|  |  | Group: |  |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 999 |  |  |  |
|  |  | Purpose: | A group of segments to specify the equipment in which the dangerous cargo is transported. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0220 | EQD | Equipment Details | M | 1 |  |
| O | 0230 | MEA | Measurements | C | 1 |  |

## 4.43 EQD – Equipment Details (Barge, container, trailer)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **EQD** | **Equipment Details** | |
|  | Position: | 0220 (Trigger segment) |  |  |
|  | Group: | SG6 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify the equipment identification and the equipment size and type of the equipment used in the transport. The equipment to be qualified: - Barge, lighter - Container - Trailer. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 8053 |  | **EQUIPMENT TYPE CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying a type of equipment. |  |  |
|  |  | **BR** Barge. Flat bottomed inland cargo vessel for canals and rivers with or without own propulsion for the purpose of transported goods. (Synonym: Lighter). |  |  |
|  |  | **CN** Container. Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly. |  |  |
|  |  | **TE** Trailer. A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle. |  |  |
|  |  | **AI** Vessel Hold. A compartment forming part of a transport vessel. |  |  |
| C237 |  | **EQUIPMENT IDENTIFICATION** | **C1** | **O** |
|  |  | Marks (letters/numbers) identifying equipment. |  |  |
|  | 8260 | **Equipment identification number** | **C an..17** | **R** |
|  |  | To identify equipment. |  |  |
|  |  | CONTAINER ID PREFIX & NO |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3207 | **Country, coded** | **C an..3** | **X** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |
| C224 |  | **EQUIPMENT SIZE AND TYPE** | **C1** | **O** |
|  |  | Code and or name identifying size and type of equipment. Code preferred. |  |  |
|  | 8155 | **Equipment size and type description code** | **C an..10** | **O** |
|  |  | Code specifying the size and type of equipment. |  |  |
|  |  | CONTAINER TYPE/SIZE CODED |  | O |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 8154 | **Equipment size and type description** | **C an..35** | **O** |
|  |  | Free form description of the size and type of equipment. |  |  |
|  |  | CONTAINER TYPE/SIZE DESCR |  | **O** |
| 8077 |  | **EQUIPMENT SUPPLIER CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the party that is the supplier of the equipment. |  |  |
| 8249 |  | **EQUIPMENT STATUS CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the status of equipment |  |  |
| 8169 |  | **FULL OR EMPTY INDICATOR CODE** | **C1 an..3** | **O** |
|  |  | Code indicating whether an object is full or empty. |  |  |
|  |  | **4** Empty. Indicates that the object is empty. No further specification available. |  |  |
|  |  | **41** Empty, not gas free. The equipment is empty and contains no or hardly any residue; it is not gas free. |  |  |
|  |  | **42** Empty, unclean, inert. The equipment is empty and contains no or hardly any residue; it is inert. |  |  |
|  |  | **43** Empty, gas free. The equipment is empty and clean. |  |  |
|  |  | **44** Residue, not gas free. The equipment contains residue and is not gas free. |  |  |
|  |  | **45** Residue, inert. The equipment contains residue and is inert. |  |  |
|  |  | **46** Empty, clean, inert.The equipment is empty and clean, and made inert |  |  |
|  |  | **5** Full. Indicates that the object is not empty. No further specification available. |  |  |
|  |  | **51** Not empty, not gas free. The equipment is not empty; it is not gas free. |  |  |
|  |  | **52** Not empty, inert. The equipment is not empty; it is inert. |  |  |

## 4.44 MEA – Measurements (vessel/barge tonnage)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **MEA** | **Measurements** | |
|  | Position: | 0230 |  |  |
|  | Group: | SG6 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify measurements, other than dimensions, associated with the equipment. The measurement to be qualified: - Maximum payload (of the barge). |  |  |
|  | Dependency Notes: | Could be used for the net tonnage (payload) of a barge (in the combination of push barges). |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 6311 |  | **MEASUREMENT PURPOSE CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying the purpose of the measurement. |  |  |
|  |  | **AAE** Measurement. [6314] Value of the measured unit. |  |  |
| C502 |  | **MEASUREMENT DETAILS** | **C1** | **R** |
|  |  | Identification of measurement type. |  |  |
|  | 6313 | **Measured attribute code** | **C an..3** | **R** |
|  |  | Code specifying the attribute measured. |  |  |
|  |  | **AAN** Net tonnage of the vessel. [6302] The measure of the useful capacity of a ship determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships, 1969. |  |  |
|  | 6321 | **Measurement significance code** | **C an..3** | **X** |
|  |  | Code specifying the significance of a measurement |  |  |
|  | 6155 | **Non-discrete measurement name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a non-discrete measurement. | |  |
|  | 6154 | **Non-discrete measurement name** | **C an..70** | **X** |
|  |  | Name of a non-discrete measurement |  |  |
| C174 |  | **VALUE/RANGE** | **C1** | **R** |
|  |  | Measurement value and relevant minimum and maximum values of the measurement range. |  |  |
|  | 6411 | **Measurement unit code** | **M an..8** | **M** |
|  |  | Code specifying the unit of measurement |  |  |
|  |  | **KGM** Kilogram |  |  |
|  |  | **TNE** (Metric) Tonne |  |  |
|  | 6314 | **Measurement value** | **C n..18** | **R** |
|  |  | To specify the value of a measurement. \*Note: Representation limited to numerical values (n..18 instead of an..18). |  |  |
|  | 6162 | **Range minimum value** | **C n..18** | **X** |
|  |  | To specify the minimum value of a range. |  |  |
|  | 6152 | **Range maximum value** | **C n..18** | **X** |
|  |  | To specify the maximum value of a range. |  |  |
|  | 6432 | **Significant digits quantity** | **C1 an..3** | **X** |
|  |  | Count of the number of significant digits. |  |  |
| 7383 |  | **SURFACE OR LAYER CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the surface or layer of an object. |  |  |

## 4.45 SG7 – Segment Group 7 (CNI-HAN-DTM-LOC-SG8-SG10-SG12)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **CNI (SG7)** | **Segment Group SG7** | |  |
|  |  | Position: | 0240 |  |  |  |
|  |  | Group: |  |  |  |  |
|  |  | Level: | 1 |  |  |  |
|  |  | Usage: | Mandatory |  |  |  |
|  |  | Max Use | 9999 | Increased from 999 to 9999 (Corrigendum 2011) | | |
|  |  | Purpose: | A group of segments to describe a consignment of dangerous goods carried or to be carried on the means of transport specified before. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0250 | CNI | Consignment Information | M | 1 |  |
| D | 0260 | HAN | Handling Instructions | C | 1 |  |
| D | 0270 | DTM | Date/Time/Period | C | 1 |  |
| O | 0271 | DTM | Date/Time/Period | C | 2 |  |
| O | 0280 | LOC | Place/Location Identification | C | 1 |  |
| O | 0280 | LOC | Place/Location Identification | C | 2 |  |
|  | 0290 |  | Segment Group SG8: Transport Information | C |  | 1 |
|  | 0350 |  | Segment Group SG10: Name and Address | C |  | 2 |
|  | 0350 |  | Segment Group SG10: Name and Address | C |  | 1 |
|  | 0350 |  | Segment Group SG10: Name and Address | C |  | 3 |
|  | 0410 |  | Segment Group SG12: Goods Item Details | M |  | 999 |

## 4.46 CNI – Consignment Information (Consignment ID)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **CNI** | **Consignment Information** | |
|  | Position: | 0250 (Trigger segment) |  |  |
|  | Group: | SG7 |  |  |
|  | Level: | 1 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify the consignment and to indicate whether the consignment is to be loaded, discharged or in transit. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 1490 |  | **CONSOLIDATION ITEM NUMBER** | **C1 n..4** | **R** |
|  |  | To specify a consignment within a consolidation. |  |  |
|  |  | CONSIGNMENT ID SERIAL |  | **M** |
| C503 |  | **DOCUMENT/MESSAGE DETAILS** | **C1** | **O** |
|  |  | Identification of document/message by number, status, source and/or language. |  |  |
|  | 1004 | **Document identifier** | **C an..35** | **R** |
|  |  | To identify a document. |  |  |
|  |  | CONSIGNMENT ID REFERENCE |  | **O** |
|  | 1373 | **Document status code** | **C an..35** | **X** |
|  |  | Code specifying the status of a document. |  |  |
|  | 1366 | **Document source description** | **C an..70** | **X** |
|  |  | Free form description of the source of a document. |  |  |
|  | 3453 | **Language, coded** | **C an..3** | **X** |
|  |  | Code of language (ISO 639-1988). |  |  |
|  | 1056 | **Version Identifier** | **C an..9** | **X** |
|  |  | To identify a version |  |  |
|  | 1060 | **Revision Identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |
| 1312 |  | **CONSIGNMENT LOAD SEQUENCE IDENTIFIER** | **C1 n..4** | **X** |
|  |  | To identify the loading sequence of a consignment or consignments. |  |  |

## 4.47 HAN – Handling Instructions (Tank cleaning, discharge, load, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **HAN** | **Handling Instructions** | |
|  | Position: | 0260 |  |  |
|  | Group: | SG7 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Dependent) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to report a handling operation to be taken on the hazardous cargo of the consignment. Some ports allow to report one handling operation of hazardous cargo per consignment in the IFTDGN message. |  |  |
|  | Dependency Notes: | 1. If HandlingAction DOESN'T EXIST, then set Usage to 'Must Use' |  |  |
|  |  | 2. If HandlingAction EXISTS, then set Usage to 'Not Used' |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C524 |  | **HANDLING INSTRUCTIONS** | **C1** | **O** |
|  |  | Instruction for the handling of goods, products or articles in shipment, storage etc. |  |  |
|  | 4079 | **Handling instruction description code** | **C an..3** | **R** |
|  |  | Code specifying a handling instruction. |  |  |
|  |  | **Business Rules:** |  |  |
|  |  | Variable Name:HandlingActionConsig |  |  |
|  |  | GOODS HANDLING INFO CODED |  | **C** |
|  |  | **CTC** Cargo Tank Cleaning |  |  |
|  |  | **LDI** Discharge action |  |  |
|  |  | **LLO** Load Action |  |  |
|  |  | **RES** Re-stow |  |  |
|  |  | **T** In Transit Action |  |  |
|  |  | **TSP** Transportation in the same port |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 4078 | **Handling instruction description** | **C an..70** | **X** |
|  |  | Free form description of a handling instruction. |  |  |
| C218 |  | **HAZARDOUS MATERIAL** | **C1** | **X** |
|  |  | To specify a hazardous material. |  |  |
|  | 7419 | Hazardous material category name code | C an..7 | X |
|  |  | Code specifying a kind of hazard for a material. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 7418 | **Hazardous material category name** | **C an..35** | **X** |
|  |  | Name of a kind of hazard for a material |  |  |

## 4.48 DTM – Date/Time/Period (Estimated handling date/time)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **DTM** | **Date/Time/Period** | |
|  | Position: | 0270 |  |  |
|  | Group: | SG7 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate time and date of the load or discharge operation. The date/time to be qualified: - Date/time of operation - Estimated date/time of arrival - Estimated date/time of departure. |  |  |
|  | Dependency Notes: | 1. If HandlingAction EQ 'RES' or HandlingActionConsig EQ 'RES', then set Usage to 'Not Used'. |  |  |
|  |  | 2. If HandlingAction EQ 'T' or HandlingActionConsig EQ 'T', then set Usage to 'Not Used'. |  |  |
|  |  | 3. If HandlingAction EQ 'CTC' or HandlingActionConsig EQ 'CTC', then set Usage to 'Must Use'. |  |  |
|  |  | 4. If HandlingAction EQ 'LDI' or HandlingActionConsig EQ 'LDI', then set Usage to 'Must Use'. |  |  |
|  |  | 5. If HandlingAction EQ 'LLO' or HandlingActionConsig EQ 'LLO', then set Usage to 'Must Use'. |  |  |
|  |  | 6. If HandlingAction EQ 'TSP' or HandlingActionConsig EQ 'TSP', then set Usage to 'Must Use'. |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C507 |  | **DATE/TIME/PERIOD** | **M1** | **M** |
|  |  | 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** |
|  |  | Code qualifying the function of a date, time or period. |  |  |
|  |  | **369** Date and or time of handling, estimated. The date and or time when the handling action is estimated to take place. |  |  |
|  | 2380 | **Date or Time or Period text** | **C an..35** | **R** |
|  |  | The value of a date, a date and time, a time or of a period in a specified representation. |  |  |
|  |  | GOODS HANDLING D/T EXPECTED |  | **C** |
|  |  | Date/times are specified in local time. |  |  |
|  | 2379 | **Date or Time or Period format code** | **C an..3** | **R** |
|  |  | Code specifying the representation of a date, time or period. |  |  |
|  |  | **203** CCYYMMDDHHMM |  |  |
|  |  | Calendar date including time with minutes. |  |  |
|  |  | C=Century - Y=Year - M=Month - D=Day - H=Hour - M=Minutes |  |  |
|  |  | **719** CCYYMMDDHHMM-CCYYMMDDHHMM. A period of time which includes the century, year, month, day, hour and minute. Format of period to be given in actual message without hyphen. |  |  |

## 4.49 DTM – Date/Time/Period (Estimated arrival/departure date/time)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **DTM** | **Date/Time/Period** | |
|  | Position: | 0271 |  |  |
|  | Group: | SG7 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 2 |  |  |
|  | Purpose: | A segment to indicate time and date of the load or discharge operation. The date/time to be qualified: - Date/time of operation - Estimated date/time of arrival - Estimated date/time of departure. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C507 |  | **DATE/TIME/PERIOD** | **M1** | **M** |
|  |  | 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** |
|  |  | Code qualifying the function of a date, time or period. |  |  |
|  |  | **132** Arrival date/time, estimated. [2348] Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. |  |  |
|  |  | **133** Departure date/time, estimated. Date/time when carrier estimates that a means of transport should depart at the place of departure. |  |  |
|  | 2380 | **Date or Time or Period text** | **C an..35** | **R** |
|  |  | The value of a date, a date and time, a time or of a period in a specified representation. |  |  |
|  |  | ON-CARR VESSEL D/T ETD POC |  | O |
|  |  | PRE-CARR VESSEL D/T ETA POC |  | O |
|  | 2379 | **Date or Time or Period format code** | **C an..3** | **R** |
|  |  | Code specifying the representation of a date, time or period. |  |  |
|  |  | **203** CCYYMMDDHHMM |  |  |
|  |  | Calendar date including time with minutes. |  |  |
|  |  | C=Century - Y=Year - M=Month - D=Day - H=Hour - M=Minutes |  |  |

## 4.50 LOC – Place/Location Identification (Place of handling)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **LOC** | **Place/Location Identification** | |
|  | Position: | 0280 |  |  |
|  | Group: | SG7 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate locations related to the arrival of a consignment. The location to be qualified: - place/port of loading - place/port of discharge - berth (as the place where the discharge/load/in transit action is to take place) - warehouse (as the place where the consignment will be stored). |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3227 |  | **LOCATION FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code identifying the function of a location. |  |  |
|  |  | **200** Place of Handling. |  |  |
|  |  | Place where a handling operation is to be, or has been, performed. |  |  |
| C517 |  | **LOCATION IDENTIFICATION** | **C1** | **R** |
|  |  | Identification of a location by code or name. |  |  |
|  | 3225 | **Location name code** | **C an..35** | **R** |
|  |  | Code specifying the name of the location. |  |  |
|  |  | Note: Use UN/ECE Recommendation No. 16: UNLOCODE. |  |  |
|  |  | MAIN VESSEL POC |  | **O** |
|  |  | PLACE TERMINAL CODED |  | **O** |
|  |  | PLACE WAREHOUSE CODED |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3224 | **Location Name** | **C an..256** | **X** |
|  |  | Name of the location. |  |  |
| C519 |  | **RELATED LOCATION ONE IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the first related location by code or name. |  |  |
|  | 3223 | **First related location name code** | **C an..25** | **X** |
|  |  | Code specifying first related location. |  |  |
|  |  | MAIN VESSEL POC BERTH CODED |  | **O** |
|  |  | PLACE TERMINAL CODED |  | **O** |
|  |  | PLACE WAREHOUSE CODED |  | **O** |
|  |  | Note: Use locally agreed code list for berth, terminal or warehouse |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  |  | **266** Marine Berth. The location within a port where a ship anchors or ties up. |  |  |
|  |  | **269** Warehouse. A covered facility for the storage and distribution of goods. |  |  |
|  |  | **TER** Terminal. Code identifying a terminal in a port area where goods are stored. \*Code added. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  |  | **ZZZ** Mutually defined. A code assigned within a code list to be used on an interim basis and as defined among trading partners until a precise code can be assigned to the code list. |  |  |
|  | 3222 | **First related location name** | **C an..70** | **X** |
|  |  | Name of first related location. |  |  |
|  |  | MAIN VESSEL POC BERTH NAME |  | **O** |
| C553 |  | **RELATED LOCATION TWO IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the second related location by code or name. | |  |
|  | 3223 | **Second related location name code** | **C an..25** | **X** |
|  |  | Code specifying second related location. |  |  |
|  |  | MAIN VESSEL POC BERTH JETTY NR |  | **O** |
|  |  | Note: Use locally agreed code list for berth, terminal or warehouse |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **Second related location name** | **C an..70** | **X** |
|  |  | Name of second related location. |  |  |
| 5479 |  | **RELATION CODE** | **C1 an..3** | **X** |
|  |  | Code specifying a relation. |  |  |

## 4.51 LOC – Place/Location Identification (Port of loading/discharge)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **LOC** | **Place/Location Identification** | |
|  | Position: | 0280 |  |  |
|  | Group: | SG7 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 2 |  |  |
|  | Purpose: | A segment to indicate locations related to the arrival of a consignment. The location to be qualified: - place/port of loading - place/port of discharge - berth (as the place where the discharge/load/in transit action is to take place) - warehouse (as the place where the consignment will be stored). |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3227 |  | **LOCATION FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code identifying the function of a location. |  |  |
|  |  | **9** Place/port of loading. (3334 + 3230) Seaport, airport, 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. |  |  |
|  |  | **11** Place/port of discharge. (3392 + 3414) Seaport, airport, 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. |  |  |
| C517 |  | **LOCATION IDENTIFICATION** | **C1** | **R** |
|  |  | Identification of a location by code or name. |  |  |
|  | 3225 | **Location name code** | **C an..35** | **R** |
|  |  | Code specifying the name of the location. |  |  |
|  |  | Note: Use UN/ECE Recommendation No. 16: UNLOCODE. |  |  |
|  |  | PLACE/DISCHARGE CODED MAIN VESSEL |  | **O** |
|  |  | PLACE/LOADING CODED MAIN VESSEL |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3224 | **Location Name** | **C an..256** | **X** |
|  |  | Name of the location. |  |  |
|  |  | PLACE/DISCHARGE NAME MAIN VESSEL |  | **O** |
|  |  | PLACE/LOADING NAME MAIN VESSEL |  | **O** |
| C519 |  | **RELATED LOCATION ONE IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the first related location by code or name. |  |  |
|  | 3223 | **First related location name code** | **C an..25** | **X** |
|  |  | Code specifying first related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **First related location name** | **C an..70** | **X** |
|  |  | Name of first related location. |  |  |
| C553 |  | **RELATED LOCATION TWO IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the second related location by code or name. | |  |
|  | 3223 | **Second related location name code** | **C an..25** | **X** |
|  |  | Code specifying second related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **Second related location name** | **C an..70** | **X** |
|  |  | Name of second related location. |  |  |
| 5479 |  | **RELATION CODE** | **C1 an..3** | **X** |
|  |  | Code specifying a relation. |  |  |

## 4.52 SG8 – Segment Group 8 (TDT-RFF)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **TDT (SG8)** | **Segment Group SG8** | |  |
|  |  | Position: | 0290 |  |  |  |
|  |  | Group: | Segment Group 7 (Consignment Information) | |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to specify transport details of the consignment. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0300 | TDT | Transport Information | M | 1 |  |
| O | 0310 | RFF | Reference | C | 9 |  |

## 4.53 TDT – Transport Information (Pre-/On-carriage transport)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **TDT** | **Transport Information** | |
|  | Position: | 0300 (Trigger segment) |  |  |
|  | Group: | SG7-SG8 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate the transport information related to the arrival (precarriage) or the departure (on- carriage) of the consignment. The transport details to be specified: - Pre-carriage - On-carriage - Main carriage. (Corrigendum 2015/04 CR02) |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 8051 |  | **TRANSPORT STAGE CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying a specific stage of transport |  |  |
|  |  | **10** Pre-carriage transport. Transport by which the goods are moved prior to their main carriage transport. |  |  |
|  |  | **20** Main-carriage transport. Transport by which the goods remain on board (ROB) of the main carriage transport. (Corrigendum 2015/04 CR02) |  |  |
|  |  | **30** On-carriage transport. Transport by which the goods are moved after the main carriage transport. |  |  |
| 8028 |  | **MEANS OF TRANSPORT JOURNEY IDENTIFIER** | **C1 an..17** | **O** |
|  |  | To identify a journey of a means of transport. |  |  |
|  |  | ON-CARR OCEAN VOYAGE REF |  | **O** |
|  |  | PRE-CARR OCEAN VOYAGE REF |  | **O** |
|  |  | ON-CARR BARGE VOYAGE REF |  | **O** |
|  |  | PRE-CARR BARGE VOYAGE REF |  | **O** |
|  |  | ON-CARR TRAIN/TRACK ID |  | **O** |
|  |  | PRE-CARR TRAIN/TRACK ID |  | **O** |
|  |  | MAIN-CARR OCEAN VOYAGE REF (Corrigendum 2015/04 CR02) | | **O** |
| C220 |  | **MODE OF TRANSPORT** | **C1** | **R** |
|  |  | Method of transport code or name. Code preferred. |  |  |
|  | 8067 | **Transport mode name code** | **C an..3** | **R** |
|  |  | Code specifying the name of a mode of transport. |  |  |
|  |  | ON-CARR MODE/TRANSPORT CODED |  | **O** |
|  |  | PRE-CARR MODE/TRANSPORT CODED |  | **O** |
|  |  | **1** Maritime Transport |  |  |
|  |  | **2** Rail Transport |  |  |
|  |  | **3** Road Transport |  |  |
|  |  | **7** Fixed transport installations |  |  |
|  |  | **8** Inland water transport |  |  |
|  | 8066 | **Transport mode name** | **C an..17** | **X** |
|  |  | Name of a mode of transport. |  |  |
| C001 |  | **TRANSPORT MEANS** | **C1** | **X** |
|  |  | Code and/or name identifying the type of means of transport. |  |  |
|  | 8179 | **Transport means description code** | **C an..8** | **X** |
|  |  | Code specifying the means of transport. |  |  |
|  |  | MAIN VESSEL TYPE CODED |  | **X** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 8178 | **Transport means description** | **C an..17** | **X** |
|  |  | Free form description of the means of transport. |  |  |
|  |  | MAIN VESSEL TYPE DESCR |  | **X** |
| C040 |  | **CARRIER** | **C1** | **X** |
|  |  | Identification of a carrier by code and/or by name. Code preferred. |  |  |
|  | 3127 | **Carrier identifier** | **C an..17** | **X** |
|  |  | To identify a carrier. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3128 | **Carrier name** | **C an..35** | **X** |
|  |  | Name of a carrier. |  |  |
| 8101 |  | **TRANSIT DIRECTION INDICATOR CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the direction of transport. |  |  |
| C401 |  | **EXCESS TRANSPORTATION INFORMATION** | **C1** | **X** |
|  |  | 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** |
|  |  | Code specifying the reason for excess transportation. |  |  |
|  | 8459 | **Excess transportation responsibility code** | **M an..3** | **X** |
|  |  | Code specifying the responsibility for excess transportation. |  |  |
|  | 7130 | **Customer shipment authorisation identifier** | **C an..17** | **X** |
|  |  | To identify the authorisation to ship issued by the customer. |  |  |
| C222 |  | **TRANSPORT IDENTIFICATION** | **C1** | **O** |
|  |  | Code and/or name identifying the means of transport. |  |  |
|  | 8213 | **Transport means identification name identifier** | **C an..9** | **O** |
|  |  | Identifies the name of the transport means. |  |  |
|  |  | ON-CARR VESSEL ID LRN |  | **O** |
|  |  | PRE-CARR VESSEL ID LRN |  | **O** |
|  |  | ON-CARR BARGE ID |  | **O** |
|  |  | PRE-CARR BARGE ID |  | **O** |
|  |  | ON-CARR TRUCK ID |  | **O** |
|  |  | PRE-CARR TRUCK ID |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 8212 | **Transport means identification name** | **C an..70** | **D** |
|  |  | Name identifying a means of transport. |  |  |
|  |  | \*Note: Representation extended to 70 characters (an..70 instead of an..35). |  |  |
|  |  | ON-CARR VESSEL NAME |  | **O** |
|  |  | PRE-CARR VESSEL NAME |  | **O** |
|  |  | ON-CARR BARGE NAME |  | **O** |
|  |  | PRE-CARR BARGE NAME |  | **O** |
|  |  | \*Note: Format increased from 35 to 70 characters. |  |  |
|  | 8453 | **Transport means nationality code** | **C an..3** | **O** |
|  |  | Code specifying the nationality of a means of transport. |  |  |
|  |  | ON-CARR VESSEL NATIONALITY CODED |  | **O** |
|  |  | PRE-CARR VESSEL NATIONALITY CODED |  | **O** |
| 8281 |  | **TRANSPORT MEANS OWNERSHIP INDICATOR CODE** | **C1 an..3** | **X** |
|  |  | Code indicating the ownership of a means of transport. |  |  |

## 4.54 RFF – Reference (License, voyage, vessel ID)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **RFF** | **Reference** | |
|  | Position: | 0310 |  |  |
|  | Group: | SG7-SG8 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 9 |  |  |
|  | Purpose: | A segment to indicate the transport licence number(s) of the pre- or oncarriage transport. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C506 |  | **REFERENCE** | **M1** | **M** |
|  |  | Identification of a reference |  |  |
|  | 1153 | **Reference code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying a reference. |  |  |
|  |  | **ALH** Dangerous goods transport licence number. Licence number allocated by an authority as to the permission of carrying dangerous goods by a specific means of transport. |  |  |
|  |  | **ATZ** Ship's stay reference number. Reference number assigned by a port authority to the stay of a vessel in the port. |  |  |
|  |  | **VM** Vessel identification. (8123) Reference identifying a vessel. |  |  |
|  | 1154 | **Reference identifier** | **C an..70** | **R** |
|  |  | Identifies a reference |  |  |
|  |  | ON-CARR VESSEL ID RCS |  | **O** |
|  |  | PRE-CARR VESSEL ID RCS |  | **O** |
|  |  | ON-CARR OCEAN SHIP'S STAY REFERENCE |  | **O** |
|  |  | PRE-CARR OCEAN SHIP'S STAY REFERENCE |  | **O** |
|  |  | MAIN VESSEL TRANSPORT LICENSE NUMBER |  | **O** |
|  | 1156 | **Document line identifier** | **C an..6** | **X** |
|  |  | To identify a line of a document. |  |  |
|  | 4000 | **Reference version identifier** | **C an..35** | **X** |
|  |  | To identify the version of a reference |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |

## 4.55 SG10 – Segment Group 10 (NAD-SG11-RFF)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **NAD (SG10)** | **Segment Group SG10** | |  |
|  |  | Position: | 0350 |  |  |  |
|  |  | Group: | Segment Group 7 (Consignment Information) | |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 2 |  |  |  |
|  |  | Purpose: | A group of segments to identify a party related to the consignment. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0360 | NAD | Name and Address | M | 1 |  |
|  | 0370 |  | Segment Group SG11: Contact Information | C |  | 2 |
| O | 0400 | RFF | Reference | C | 1 |  |
|  |  |  |  |  |  |  |
|  | Note: | SG9 not used |  |  |  |  |

## 4.56 NAD – Name and Address (Carrier’s agent, forwarder)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **NAD** | **Name and Address** | |
|  | Position: | 0360 (Trigger segment) |  |  |
|  | Group: | SG7-SG10 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a party's name and address relevant to the consignment. The function to be qualified: - Consignor - either Carrier's agent or Freight forwarder. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3035 |  | **PARTY FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code giving specific meaning to a party. |  |  |
|  |  | **CG Carrier's** Agent. Party authorized to act for or on behalf of carrier. |  |  |
|  |  | **FW** Freight Forwarder. Party arranging forwarding of goods. |  |  |
| C082 |  | **PARTY IDENTIFICATION DETAILS** | **C1** | **R** |
|  |  | Identification of a transaction party by code. |  |  |
|  | 3039 | **Party identifier** | **M an..35** | **M** |
|  |  | Code specifying the identity of a party. |  |  |
|  |  | FORWARDER ID |  | **O** |
|  |  | MAIN OCEAN CARRIER AGENT ID |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C058 |  | **NAME AND ADDRESS** | **C1** | **O** |
|  |  | Unstructured name and address: one to five lines. |  |  |
|  | 3124 | **Name and address description** | **M an..35** | **M** |
|  |  | Free form description of a name and address line. |  |  |
|  |  | FORWARDER NAME & ADDRESS, etc. |  | **O** |
|  |  | MAIN OCEAN CARRIER AGENT NAME & ADDRESS, etc. |  | **O** |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
| C080 |  | **PARTY NAME** | **C1** | **O** |
|  |  | Identification of a transaction party by name, one to five lines. Party name may be formatted. |  |  |
|  | 3036 | **Party Name** | **M an..35** | **M** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3045 | **Party name format code** | **C an..3** | **X** |
|  |  | Code specifying the representation of a party name. |  |  |
| C059 |  | **STREET** | C1 | O |
|  |  | Street address and/or PO Box number in a structured address: one to four lines. |  |  |
|  | 3042 | **Street and number or post office box** | **M an..35** | **M** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
| 3164 |  | **CITY NAME** | **C1 an..35** | **O** |
|  |  | Name of a city |  |  |
| C819 |  | **COUNTRY SUB-ENTITY DETAILS** | **C1** | **O** |
|  |  | To specify a part of a country (eg county or part of a city). |  |  |
|  | 3229 | **Country sub-entity name code** | **C an..9** | **O** |
|  |  | Code specifying the name of a country sub-entity. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3228 | **Country sub-entity name** | **C an..70** | **X** |
|  |  | Name of a country sub-entity. |  |  |
| 3251 |  | **POSTAL IDENTIFICATION CODE** | **C1 an..17** | **O** |
|  |  | Code specifying the postal zone or address. |  |  |
| 3207 |  | **COUNTRY, CODED** | **C1 an..35** | **O** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |

## 4.57 SG11 – Segment Group 11 (CTA-COM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **CTA (SG11)** | **Segment Group SG11** | |  |
|  |  | Position: | 0370 |  |  |  |
|  |  | Group: | Segment Group 10 (Name and Address) |  |  |  |
|  |  | Level: | 3 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments identifying a contact and its communications related to the party. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0380 | CTA | Contact Information | M | 1 |  |
| O | 0390 | COM | Communication contact | C | 3 |  |

## 4.58 COM – Communication Contact (Carrier’s agent, forwarder phone/email)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **COM** | **Communication Contact** | |
|  | Position: | 0390 |  |  |
|  | Group: | SG7-SG10-SG11 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | A segment to identify a communication number of a person or department to whom communication should be directed. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C076 |  | **COMMUNICATION CONTACT** | **M3** | **M** |
|  |  | Communication number of a department or employee in a specified channel. |  |  |
|  | 3148 | **Communication address identifier** | **M an..512** | **M** |
|  |  | To identify a communication address. |  |  |
|  |  | FORWARDER CONTACT PHONE/FAX/EMAIL |  | **O** |
|  |  | MAIN OCEAN CARRIER AGENT CONTACT PHONE/FAX/EMAIL | | **O** |
|  |  | No spaces or hyphens allowed. |  |  |
|  | 3155 | **Communication address code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying the communication address. |  |  |
|  |  | **EM** Electronic mail. Exchange of mail by electronic means. |  |  |
|  |  | **FX** Telefax. Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media. |  |  |
|  |  | **TE** Telephone. Voice/data transmission by telephone. |  |  |

## 4.59 RFF – Reference (Carrier’s agent/forwarder reference number)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **RFF** | **Reference** | |
|  | Position: | 0400 |  |  |
|  | Group: | SG7-SG10 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to express a reference for the consignment related to the party. The reference to be qualified: - Carrier's agent reference number - Freight forwarders reference number. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C506 |  | **REFERENCE** | **M1** | **M** |
|  |  | Identification of a reference |  |  |
|  | 1153 | **Reference code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying a reference. |  |  |
|  |  | **AAY** Carrier's agent reference number. Reference number assigned by the carriers agent to a transaction. |  |  |
|  |  | **FF** Freight forwarder's reference number. [1460] Reference number assigned to the consignment by the freight forwarder. |  |  |
|  | 1154 | **Reference identifier** | **C an..70** | **R** |
|  |  | Identifies a reference |  |  |
|  |  | CONSIGNMENT REFERENCE FORWARDER |  | **O** |
|  |  | CONSIGNMENT REFERENCE OCEAN CARRIER AGENT |  | **O** |
|  | 1156 | **Document line identifier** | **C an..6** | **X** |
|  |  | To identify a line of a document. |  |  |
|  | 4000 | **Reference version identifier** | **C an..35** | **X** |
|  |  | To identify the version of a reference |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |

## 4.60 SG10 – Segment Group 10 (NAD-SG11)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **NAD (SG10)** | **Segment Group SG10** | |  |
|  |  | Position: | 0350 |  |  |  |
|  |  | Group: | Segment Group 7 (Consignment Information) | |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to identify a party related to the consignment. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0360 | NAD | Name and Address | M | 1 |  |
|  | 0370 |  | Segment Group SG11: Contact Information | C |  | 2 |

## 4.61 NAD – Name and Address (Hazardous material office)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **NAD** | **Name and Address** | |
|  | Position: | 0360 (Trigger segment) |  |  |
|  | Group: | SG7-SG10 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a party's name and address relevant to the consignment. The function to be qualified: - Consignor - either Carrier's agent or Freight forwarder. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3035 |  | **PARTY FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code giving specific meaning to a party. |  |  |
|  |  | **FU** Hazardous material office. The office responsible for providing information regarding hazardous material. |  |  |
| C082 |  | **PARTY IDENTIFICATION DETAILS** | **C1** | **R** |
|  |  | Identification of a transaction party by code. |  |  |
|  | 3039 | **Party identifier** | **M an..35** | **M** |
|  |  | Code specifying the identity of a party. |  |  |
|  |  | EMERGENCY RESPONSE ID |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C058 |  | **NAME AND ADDRESS** | **C1** | **O** |
|  |  | Unstructured name and address: one to five lines. |  |  |
|  | 3124 | **Name and address description** | **M an..35** | **M** |
|  |  | Free form description of a name and address line. |  |  |
|  |  | EMERGENCY RESPONSE NAME & ADDRESS |  | **O** |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
| C080 |  | **PARTY NAME** | **C1** | **O** |
|  |  | Identification of a transaction party by name, one to five lines. Party name may be formatted. |  |  |
|  | 3036 | **Party Name** | **M an..35** | **M** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3045 | **Party name format code** | **C an..3** | **X** |
|  |  | Code specifying the representation of a party name. |  |  |
| C059 |  | **STREET** | C1 | O |
|  |  | Street address and/or PO Box number in a structured address: one to four lines. |  |  |
|  | 3042 | **Street and number or post office box** | **M an..35** | **M** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
| 3164 |  | **CITY NAME** | **C1 an..35** | **O** |
|  |  | Name of a city |  |  |
| C819 |  | **COUNTRY SUB-ENTITY DETAILS** | **C1** | **O** |
|  |  | To specify a part of a country (eg county or part of a city). |  |  |
|  | 3229 | **Country sub-entity name code** | **C an..9** | **O** |
|  |  | Code specifying the name of a country sub-entity. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3228 | **Country sub-entity name** | **C an..70** | **X** |
|  |  | Name of a country sub-entity. |  |  |
| 3251 |  | **POSTAL IDENTIFICATION CODE** | **C1 an..17** | **O** |
|  |  | Code specifying the postal zone or address. |  |  |
| 3207 |  | **COUNTRY, CODED** | **C1 an..35** | **O** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |

## 4.62 SG11 – Segment Group 11 (CTA-COM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **CTA (SG11)** | **Segment Group SG11** | |  |
|  |  | Position: | 0370 |  |  |  |
|  |  | Group: | Segment Group 10 (Name and Address) |  |  |  |
|  |  | Level: | 3 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 2 |  |  |  |
|  |  | Purpose: | A group of segments identifying a contact and its communications related to the party. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0380 | CTA | Contact Information | M | 1 |  |
| O | 0390 | COM | Communication contact | C | 3 |  |

## 4.63 CTA – Contact Information (Emergency DG contact)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **CTA** | **Contact Information** | |
|  | Position: | 0380 (Trigger segment) |  |  |
|  | Group: | SG7-SG10-SG11 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a person or department within a party. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3139 |  | **CONTACT FUNCTION CODE** | **C1 an..3** | **R** |
|  |  | Code specifying the function of a contact (e.g. department or person). |  |  |
|  |  | **HE** Emergency dangerous goods contact. Party who is to be contacted to intervene in case of emergency. |  |  |
| C056 |  | **DEPARTMENT OR EMPLOYEE DETAILS** | **C1** | **R** |
|  |  | Code and/or name of a department or employee. Code preferred. |  |  |
|  | 3413 | **Department or employee name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a department or employee. |  |  |
|  | 3412 | **Department or employee name** | **C an..35** | **R** |
|  |  | Name of a department or employee. |  |  |
|  |  | EMERGENCY RESPONSE CONTACT NAME |  | **O** |

## 4.64 COM – Communication Contact (Emergency DG contact phone/email)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **COM** | **Communication Contact** | |
|  | Position: | 0390 |  |  |
|  | Group: | SG7-SG10-SG11 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 3 |  |  |
|  | Purpose: | A segment to identify a communication number of a person or department to whom communication should be directed. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C076 |  | **COMMUNICATION CONTACT** | **M3** | **M** |
|  |  | Communication number of a department or employee in a specified channel. |  |  |
|  | 3148 | **Communication address identifier** | **M an..512** | **M** |
|  |  | To identify a communication address. |  |  |
|  |  | EMERGENCY RESPONSE CONTACT PHONE/FAX/E-MAIL |  | **O** |
|  |  | No spaces or hyphens allowed. |  |  |
|  | 3155 | **Communication address code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying the communication address. |  |  |
|  |  | **EM** Electronic mail. Exchange of mail by electronic means. |  |  |
|  |  | **FX** Telefax. Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media. |  |  |
|  |  | **TE** Telephone. Voice/data transmission by telephone. |  |  |

## 4.65 SG10 – Segment Group 10 (NAD)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **NAD (SG10)** | **Segment Group SG10** | |  |
|  |  | Position: | 0350 |  |  |  |
|  |  | Group: | Segment Group 7 (Consignment Information) | |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 3 |  |  |  |
|  |  | Purpose: | A group of segments to identify a party related to the consignment. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0360 | NAD | Name and Address | M | 1 |  |

## 4.66 NAD – Name and Address (Consignee, consignor, Terminal operator)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **NAD** | **Name and Address** | |
|  | Position: | 0360 (Trigger segment) |  |  |
|  | Group: | SG7-SG10 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a party's name and address relevant to the consignment. The function to be qualified: - Consignor - either Carrier's agent or Freight forwarder. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3035 |  | **PARTY FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code giving specific meaning to a party. |  |  |
|  |  | **CN** Consignee. (3132) Party to which goods are consigned. |  |  |
|  |  | **CZ** Consignor. (3336) Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him. Synonym: shipper, sender. |  |  |
|  |  | **TR** Terminal Operator. A party which handles the loading and unloading of marine vessels. |  |  |
| C082 |  | **PARTY IDENTIFICATION DETAILS** | **C1** | **R** |
|  |  | Identification of a transaction party by code. |  |  |
|  | 3039 | **Party identifier** | **M an..35** | **M** |
|  |  | Code specifying the identity of a party. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C058 |  | **NAME AND ADDRESS** | **C1** | **O** |
|  |  | Unstructured name and address: one to five lines. |  |  |
|  | 3124 | **Name and address description** | **M an..35** | **M** |
|  |  | Free form description of a name and address line. |  |  |
|  |  | CONSIGNEE NAME & ADDRESS |  | **O** |
|  |  | CONSIGNOR NAME & ADDRESS |  |  |
|  |  | TERMINAL OPERATOR NAME & ADDRESS |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
|  | 3124 | **Name and address description** | **C an..35** | **O** |
|  |  | Free form description of a name and address line. |  |  |
| C080 |  | **PARTY NAME** | **C1** | **O** |
|  |  | Identification of a transaction party by name, one to five lines. Party name may be formatted. |  |  |
|  | 3036 | **Party Name** | **M an..35** | **M** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3036 | **Party Name** | **C an..35** | **O** |
|  |  | Name of a party |  |  |
|  | 3045 | **Party name format code** | **C an..3** | **X** |
|  |  | Code specifying the representation of a party name. |  |  |
| C059 |  | **STREET** | C1 | O |
|  |  | Street address and/or PO Box number in a structured address: one to four lines. |  |  |
|  | 3042 | **Street and number or post office box** | **M an..35** | **M** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
|  | 3042 | **Street and number or post office box** | **C an..35** | **O** |
|  |  | To identify a street and number and/or Post Office box number. |  |  |
| 3164 |  | **CITY NAME** | **C1 an..35** | **O** |
|  |  | Name of a city |  |  |
| C819 |  | **COUNTRY SUB-ENTITY DETAILS** | **C1** | **O** |
|  |  | To specify a part of a country (eg county or part of a city). |  |  |
|  | 3229 | **Country sub-entity name code** | **C an..9** | **O** |
|  |  | Code specifying the name of a country sub-entity. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3228 | **Country sub-entity name** | **C an..70** | **X** |
|  |  | Name of a country sub-entity. |  |  |
| 3251 |  | **POSTAL IDENTIFICATION CODE** | **C1 an..17** | **O** |
|  |  | Code specifying the postal zone or address. |  |  |
| 3207 |  | **COUNTRY, CODED** | **C1 an..35** | **O** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |

## 4.67 SG12 – Segment Group 12 (GID-FTX-PCI-SG13-SG14)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **GID (SG12)** | **Segment Group SG12** | |  |
|  |  | Position: | 0410 |  |  |  |
|  |  | Group: | Segment Group 7 (Consignment Information) | |  |  |
|  |  | Level: | 2 |  |  |  |
|  |  | Usage: | Mandatory |  |  |  |
|  |  | Max Use | 999 |  |  |  |
|  |  | Purpose: | A group of segments to specify a goods item within the consignment. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0420 | GID | Goods Item Details | M | 1 |  |
| O | 0430 | FTX | Free Text | C | 1 |  |
| O | 0430 | FTX | Free Text | C | 1 |  |
| O | 0440 | PCI | Package Identification | C | 1 |  |
|  | 0450 |  | Segment Group 13: Split Goods Placement | C |  | 99 |
|  | 0480 |  | Segment Group 14: Dangerous Goods | M |  | 1 |

## 4.68 GID – Goods Item Details (Goods, packing, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **GID** | **Goods Item Details** | |
|  | Position: | 0420 |  |  |
|  | Group: | SG7-SG10 |  |  |
|  | Level: | 2 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify a goods item within the consignment and to indicate the heading of a goods item with the number of packages. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 1496 |  | **GOODS ITEM NUMBER** | **C1 n..5** | **R** |
|  |  | To specify a goods item within a consignment. |  |  |
|  |  | GOODS ID SERIAL |  | **M** |
| C213 |  | **NUMBER AND TYPE OF PACKAGES** | **C1** | **D** |
|  |  | Number and type of individual parts of a shipment. |  |  |
|  |  | **Business Rules:** |  |  |
|  |  | 1. If TankerNonbulk NE '89T', then set Usage to 'Must Use' | |  |
|  |  | Number and type of the selfcontained units in which the goods item is presented. |  |  |
|  | **7224** | **Number of packages** | **C n..8** | **R** |
|  |  | To specify the number of packages. |  |  |
|  |  | GOODS PACKAGE TYPE OUTER TOTAL NUMBER |  | **C** |
|  | **7065** | **Package type description code** | **C an..17** | **O** |
|  |  | Code specifying the type of package. |  |  |
|  |  | GOODS PACKAGE TYPE OUTER CODED |  | **C** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 7064 | **Type of packages** | **C an..35** | **O** |
|  |  | Description of the form in which goods are presented. |  |  |
|  |  | GOODS PACKAGE TYPE OUTER DESCR |  | **C** |
|  | 7233 | **Packaging related description code** | **C an..3** | **X** |
|  |  | Code specifying information related to packaging. |  |  |
| C213 |  | **NUMBER AND TYPE OF PACKAGES** | **C1** | **X** |
|  |  | Number and type of individual parts of a shipment. |  |  |
|  | **7224** | **Number of packages** | **C n..8** | **X** |
|  |  | To specify the number of packages. |  |  |
|  | **7065** | **Package type description code** | **C an..17** | **X** |
|  |  | Code specifying the type of package. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 7064 | **Type of packages** | **C an..35** | **X** |
|  |  | Description of the form in which goods are presented. |  |  |
|  | 7233 | **Packaging related description code** | **C an..3** | **X** |
|  |  | Code specifying information related to packaging. |  |  |
| C213 |  | **NUMBER AND TYPE OF PACKAGES** | **C1** | **O** |
|  |  | Number and type of individual parts of a shipment. |  |  |
|  |  | Number and type of the non-selfcontained units within the selfcontained units. |  |  |
|  | **7224** | **Number of packages** | **C n..8** | **R** |
|  |  | To specify the number of packages. |  |  |
|  |  | GOODS PACKAGE TYPE INNER TOTAL NUMBER |  | **O** |
|  | **7065** | **Package type description code** | **C an..17** | **O** |
|  |  | Code specifying the type of package. |  |  |
|  |  | GOODS PACKAGE TYPE INNER CODED |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 7064 | **Type of packages** | **C an..35** | **O** |
|  |  | Description of the form in which goods are presented. |  |  |
|  |  | GOODS PACKAGE TYPE INNER DESCR |  | **O** |
|  | 7233 | **Packaging related description code** | **C an..3** | **X** |
|  |  | Code specifying information related to packaging. |  |  |
| C213 |  | **NUMBER AND TYPE OF PACKAGES** | **C1** | **X** |
|  |  | Number and type of individual parts of a shipment. |  |  |
|  | **7224** | **Number of packages** | **C n..8** | **X** |
|  |  | To specify the number of packages. |  |  |
|  | **7065** | **Package type description code** | **C an..17** | **X** |
|  |  | Code specifying the type of package. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 7064 | **Type of packages** | **C an..35** | **X** |
|  |  | Description of the form in which goods are presented. |  |  |
|  | 7233 | **Packaging related description code** | **C an..3** | **X** |
|  |  | Code specifying information related to packaging. |  |  |
| C213 |  | **NUMBER AND TYPE OF PACKAGES** | **C1** | **X** |
|  |  | Number and type of individual parts of a shipment. |  |  |
|  | **7224** | **Number of packages** | **C n..8** | **X** |
|  |  | To specify the number of packages. |  |  |
|  | **7065** | **Package type description code** | **C an..17** | **X** |
|  |  | Code specifying the type of package. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 7064 | **Type of packages** | **C an..35** | **X** |
|  |  | Description of the form in which goods are presented. |  |  |
|  | 7233 | **Packaging related description code** | **C an..3** | **X** |
|  |  | Code specifying information related to packaging. |  |  |

## 4.69 FTX – Free Text (Goods description)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0430 |  |  |
|  | Group: | SG7-SG12 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify processable supplementary information relating to the goods item. The text subject to be qualified: - Description of goods - Remarks. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 4451 |  | **Text Subject Qualifier** | **M1 an..3** | **M** |
|  |  | Code qualifying subject of the text |  |  |
|  |  | **AAA** Goods Description. [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term). |  |  |
| 4453 |  | **Text Function, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the function of free text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **X** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **M an..17** | **X** |
|  |  | Code specifying free form text. |  |  |
|  |  | GOODS CARGO TYPE CODED |  | **O** |
|  |  | **0** No cargo unit (liquid bulk goods) |  |  |
|  |  | **1** No cargo unit (solid bulk goods) |  |  |
|  |  | **2** Large Freight Containers |  |  |
|  |  | **3** Other Freight Containers |  |  |
|  |  | **4** Palletized |  |  |
|  |  | **5** Pre-slung |  |  |
|  |  | **6** Mobile self-propelled units |  |  |
|  |  | **7** Other mobile units |  |  |
|  |  | **9** Other Cargo Types |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **O** |
|  |  | Free text; one to five lines |  |  |
|  | 4440 | **Free text** | **M an..512** | **M** |
|  |  | Free form text |  |  |
|  |  | GOODS DESCRIPTION |  | **O** |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **X** |
|  |  | Free form text |  |  |
| 3453 |  | **Language, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the language name. |  |  |
| 4447 |  | **Text formatting, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the format of free text. |  |  |

## 4.70 FTX – Free Text (Goods remarks, tank cleaning info)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0430 |  |  |
|  | Group: | SG7-SG12 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify processable supplementary information relating to the goods item. The text subject to be qualified: - Description of goods - Remarks. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 4451 |  | **Text Subject Qualifier** | **M1 an..3** | **M** |
|  |  | Code qualifying subject of the text |  |  |
|  |  | **ACB** Additional Information. The text contains additional information. |  |  |
| 4453 |  | **Text Function, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the function of free text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **X** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **M an..17** | **X** |
|  |  | Code specifying free form text. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **O** |
|  |  | Free text; one to five lines |  |  |
|  | 4440 | **Free text** | **M an..512** | **M** |
|  |  | Free form text |  |  |
|  |  | GOODS REMARKS GENERAL |  | **O** |
|  |  | GOODS TANK CLEANING INFO |  | **O** |
|  |  | (See attribute definition for recommendation on use of free text lines.) |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
| 3453 |  | **Language, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the language name. |  |  |
| 4447 |  | **Text formatting, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the format of free text. |  |  |

## 4.71 PCI – Package Identification (Goods, marks, number)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **PCI** | **Package Identification** | |
|  | Position: | 0440 |  |  |
|  | Group: | SG7-SG12 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify marks and numbers of the goods item. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 4233 |  | **MARKING INSTRUCTIONS CODE** | **C1 an..3** | **X** |
|  |  | Code specifying instructions for marking. |  |  |
| C210 |  | **MARKS & LABELS** | **C1** | **O** |
|  |  | Shipping marks on packages in free text; one to ten lines. | |  |
|  | 7102 | **Shipping marks description** | **M an..35** | **M** |
|  |  | Free form description of the shipping marks. |  |  |
|  |  | GOODS MARKS & NUMBERS |  | **O** |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
|  | 7102 | **Shipping marks description** | **C an..35** | **O** |
|  |  | Free form description of the shipping marks. |  |  |
| 8275 |  | **CONTAINER OR PACKAGE CONTENTS INDICATOR CODE** | **C1 an..3** | **X** |
|  |  | Code indicating the contents of container or package. |  |  |
| C827 |  | **TYPE OF MARKING** | **C1** | **X** |
|  |  | Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages). |  |  |
|  | 7511 | **Marking type code** | **M an..35** | **X** |
|  |  | Code specifying the type of marking. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |

## 4.72 SG13 – Segment Group 13 (SGP-MEA)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **SGP (SG13)** | **Segment Group SG13** | |  |
|  |  | Position: | 0450 |  |  |  |
|  |  | Group: | Segment Group 12 (Goods Item Details) |  |  |  |
|  |  | Level: | 3 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 99 |  |  |  |
|  |  | Purpose: | A group of segments to specify the distribution of a goods item among the transport equipment. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0460 | SGP | Split Goods Placement | M | 1 |  |
| O | 0470 | MEA | Measurements | C | 1 |  |

## 4.73 SGP – Split Goods Placement (Equipment identification number)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **SGP** | **Split Goods Placement** | |
|  | Position: | 0460 (Trigger Segment) |  |  |
|  | Group: | SG7-SG12-SG13 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify the equipment (such as barge identification) in which the goods are transported. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C237 |  | **EQUIPMENT IDENTIFICATION** | **M1** | **M** |
|  |  | Marks (letters/numbers) identifying equipment. |  |  |
|  | 8260 | **Equipment identification number** | **C an..17** | **R** |
|  |  | To identify equipment. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3207 | **Country, coded** | **C an..3** | **X** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |
| 7224 |  | **NUMBER OF PACKAGES** | **C1 n..8** | **X** |
|  |  | To specify the number of packages. |  |  |

## 4.74 MEA – Measurements (Weight details)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **MEA** | **Measurements** | |
|  | Position: | 0470 |  |  |
|  | Group: | SG7-SG12-SG13 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify measurements of that portion of the goods item in the equipment. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 6311 |  | **MEASUREMENT PURPOSE CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying the purpose of the measurement. |  |  |
|  |  | **AAE** Measurement. [6314] Value of the measured unit. |  |  |
| C502 |  | **MEASUREMENT DETAILS** | **C1** | **R** |
|  |  | Identification of measurement type. |  |  |
|  | 6313 | **Measured attribute code** | **C an..3** | **R** |
|  |  | Code specifying the attribute measured. |  |  |
|  |  | **G** Gross weight. [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. |  |  |
|  | 6321 | **Measurement significance code** | **C an..3** | **X** |
|  |  | Code specifying the significance of a measurement |  |  |
|  | 6155 | **Non-discrete measurement name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a non-discrete measurement. | |  |
|  | 6154 | **Non-discrete measurement name** | **C an..70** | **X** |
|  |  | Name of a non-discrete measurement |  |  |
| C174 |  | **VALUE/RANGE** | **C1** | **R** |
|  |  | Measurement value and relevant minimum and maximum values of the measurement range. |  |  |
|  | 6411 | **Measurement unit code** | **M an..8** | **M** |
|  |  | Code specifying the unit of measurement |  |  |
|  |  | **KGM** Kilogram |  |  |
|  |  | **TNE** (Metric) Tonne |  |  |
|  | 6314 | **Measurement value** | **C n..18** | **R** |
|  |  | To specify the value of a measurement. \*Note: Representation limited to numerical values (n..18 instead of an..18). |  |  |
|  | 6162 | **Range minimum value** | **C n..18** | **X** |
|  |  | To specify the minimum value of a range. |  |  |
|  | 6152 | **Range maximum value** | **C n..18** | **X** |
|  |  | To specify the maximum value of a range. |  |  |
|  | 6432 | **Significant digits quantity** | **C1 an..3** | **X** |
|  |  | Count of the number of significant digits. |  |  |
| 7383 |  | **SURFACE OR LAYER CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the surface or layer of an object. |  |  |

## 4.75 SG14 – Segment Group 14 (DGS-FTX-MEA-LOC-RFF-SG15)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **DGS (SG14)** | **Segment Group SG14** | |  |
|  |  | Position: | 0480 |  |  |  |
|  |  | Group: | Segment Group 12 (Goods Item Details) |  |  |  |
|  |  | Level: | 3 |  |  |  |
|  |  | Usage: | Mandatory |  |  |  |
|  |  | Max Use | 1 |  |  |  |
|  |  | Purpose: | A group of segments to specify the dangerous goods details of the goods item. A goods item can be classified by only one dangerous goods class. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0490 | DGS | Dangerous Goods | M | 1 |  |
| M | 0500 | FTX | Free Text | M | 1 |  |
| O | 0500 | FTX | Free Text | O | 8 |  |
| M | 0510 | MEA | Measurements | M | 5 |  |
| O | 0520 | LOC | Place/Location Identification | C | 99 |  |
| O | 0530 | RFF | Reference | C | 9 |  |
|  | 0540 |  | Segment Group 15: Split Goods Placement | C |  | 99 |

## 4.76 DGS – Dangerous Goods (DG Details)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **DGS** | **Dangerous Goods** | |
|  | Position: | 0490 (Trigger Segment) |  |  |
|  | Group: | SG7-SG12-SG14 |  |  |
|  | Level: | 3 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate the dangerous goods regulation information, e.g. IMO code, UNDG number, dangerous goods class, packing group. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 8273 |  | **DANGEROUS GOODS REGULATIONS CODE** | **C1 an..3** | **R** |
|  |  | Code specifying a dangerous goods regulation. |  |  |
|  |  | GOODS HAZARD REGULATION CODED |  |  |
|  |  | **IMD** International Maritime Dangerous Goods Code (IMDG Code) | |  |
|  |  | **IMS** International Maritime Solid Bulk Cargoes Code (MSBC Code) | |  |
|  |  | **MAR** MARPOL Annex I (for mineral oil tankers only) |  |  |
|  |  | **IBC** International Bulk Chemicals Code (IBC Code) |  |  |
|  |  | **IGC** International Gas Carrier Code (IGC Code) |  |  |
|  |  | **ADN** European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN Code) | |  |
|  |  | (Corrigendum 2015-04 - CR1) |  |  |
| C205 |  | **HAZARD CODE** | **C1** | **R** |
|  |  | The identification of the dangerous goods in code. |  |  |
|  | 8351 | **Hazard identification code** | **M an..7** | **M** |
|  |  | Code identifying a hazard. |  |  |
|  |  | **Business Rules:** |  |  |
|  |  | for IMD: hazard class as assigned by IMDG Code |  |  |
|  |  | for IMS: numeric hazard class or “MHB” for Group B cargo, “NONE” for Group A or Group C cargo |  |  |
|  |  | for MAR: “NONE” |  |  |
|  |  | for IBC: ”NONE” |  |  |
|  |  | for IGC: “2”, “2.1”, “2.2” or “2.3” |  |  |
|  |  | (Corrigendum 2015-04 - CR1 and MARPOL 12-2017) |  |  |
|  | 8078 | **Additional hazard classification identifier** | **C an..7** | **O** |
|  |  | To identify an additional hazard classification. |  |  |
|  |  | **Business Rules:** |  | **O** |
|  |  | for IBC: “X”, “Y”, “Z” or “OS” as appropriate |  |  |
|  |  | for IMS: “GroupA” or “GroupC” as appropriate |  |  |
|  |  | (Corrigendum 2015-04 - CR1) |  |  |
|  | 8092 | **Hazard code version identifier** | **C an..10** | **O** |
|  |  | To identify the version number of a hazard code. |  |  |
|  |  | GOODS HAZARD REGULATIONS AMENDMENT NO |  | **O** |
| C234 |  | **UNDG INFORMATION** | **C1** | **C** |
|  |  | Information on dangerous goods, taken from the United Nations Dangerous Goods Classification. |  |  |
|  | 7124 | **United Nations Dangerous Goods (UNDG) Identifier.** | **C n4** | **C** |
|  |  | The unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried in packaged form. |  |  |
|  |  | **Business Rules:** |  | **M** |
|  |  | for IMD: as assigned by IMDG Code |  |  |
|  |  | for IMS: when assigned by IMSBC Code, otherwise not required. |  |  |
|  |  | for MAR: Not required. |  |  |
|  |  | for IBC: Not required. |  |  |
|  |  | for IGC: as assigned by IGC Code |  |  |
|  |  | for ADN: as assigned by ADN Code |  |  |
|  |  | (Corrigendum 2015-04 - CR1) |  |  |
|  | 7088 | **Dangerous goods flashpoint description** | **C an..8** | **X** |
|  |  | To describe the flahspoint of dangerous goods. |  |  |
|  |  | **Business Rules:** |  |  |
|  |  | *Required for IBC and MAR bulk cargo.* |  |  |
|  |  | *GOODS HAZARD FLASHPOINT RANGE:* |  |  |
|  |  | NF - not flammable |  |  |
|  |  | GT60CEL - flashpoint greater than 60 degrees Celsius |  |  |
|  |  | LE60CEL - flashpoint less or equal than 60 degrees Celsius | |  |
|  |  | (Corrigendum 2015-04 - CR1) |  |  |
| C223 |  | **DANGEROUS GOODS SHIPMENT FLASHPOINT** | **C1** | **D** |
|  |  | **Business Rules:** |  |  |
|  |  | Required for IMD cargo |  |  |
|  |  | - when hazard class (component 8351) is “3”, or |  |  |
|  |  | - when subsidiary risk (component 8246) is “3” |  |  |
|  |  | Required for IBC and MAR cargo |  |  |
|  |  | - when flashpoint range (component 7088) is “LE60CEL” | |  |
|  |  | (Corrigendum 2015-04 - CR1) |  |  |
|  | 7106 | **Shipment flashpoint degree** | **C n3** | **R** |
|  |  | To specify the value of the flashpoint of a shipment. |  |  |
|  |  | GOODS HAZARD FLASHPOINT |  | **O** |
|  | 6411 | **Measurement unit code** | **C an..8** | **R** |
|  |  | Code specifying the unit of measurement. |  |  |
|  |  | GOODS HAZARD FLASHPOINT UNIT |  | **C** |
|  |  | **CEL** Degree Celsius |  |  |
|  |  | FAH not allowed (Corrigendum 2015-04 - CR1) |  |  |
| 8339 |  | **PACKAGING DANGER LEVEL CODE** | **C1 an..3** | **O** |
|  |  | Code specifying the level of danger for which the packaging must cater. |  |  |
|  |  | GOODS HAZARD PACKING GROUP CODED |  | **O** |
|  |  | **1** Great Danger (I). Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations. |  |  |
|  |  | **2** Medium Danger (II). Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IDMG/ADR/RID regulations. |  |  |
|  |  | **3** Minor Danger (III). 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** | **C1 an..6** | **O** |
|  |  | To identify the emergency procedure number for ships transporting dangerous goods. Synonym: EMS Number. |  |  |
|  |  | GOODS HAZARD REFERENCE EMS |  | **O** |
|  |  | Values: S-A to S-Z; Fire: F-A to F-J |  |  |
| 8410 |  | **HAZARD MEDICAL FIRST AID GUIDE IDENTIFIER** | **C1 an..4** | **O** |
|  |  | To identify a Medical First Aid Guide (MFAG) for hazardous goods. |  |  |
|  |  | GOODS HAZARD REFERENCE MFAG |  | **O** |
| 8126 |  | **TRANSPORT EMERGENCY CARD IDENTIFIER** | **C1 an..10** | **X** |
|  |  | To identify a transport emergency (TREM) card. |  |  |
| C235 |  | **HAZARD IDENTIFICATION PLACARD DETAILS** | **C1** | **X** |
|  |  | These numbers appear on the hazard identification placard required on the means of transport. |  |  |
|  | 8158 | **Orange hazard placard upper part identifier** | **C an..4** | **X** |
|  |  | To specify the identity number for the upper part of the orange hazard placard required on the means of transport. |  |  |
|  | 8186 | **Orange hazard placard lower part identifier** | **C an4** | **X** |
|  |  | To specify the identity number for the lower part of the orange hazard placard required on the means of transport. |  |  |
| C236 |  | **DANGEROUS GOODS LABEL** | **C1** | **O** |
|  |  | Markings identifying the type of hazardous goods and similar information. |  |  |
|  | 8246 | **Dangerous goods marking identifier** | **C an..4** | **R** |
|  |  | To identify the marking of dangerous goods. |  |  |
|  |  | GOODS HAZARD REGULATIONS SUBSIDIARY RISK |  | **O** |
|  | 8246 | **Dangerous goods marking identifier** | **C an..4** | **O** |
|  |  | To identify the marking of dangerous goods. |  |  |
|  |  | for IMD: subsidiary risk according to IMDG Code |  |  |
|  |  | (Corrigendum 2015-04 - CR1) |  |  |
|  | 8246 | **Dangerous goods marking identifier** | **C an..4** | **O** |
|  |  | To identify the marking of dangerous goods. |  |  |
| 8255 |  | **PACKING INSTRUCTION TYPE CODE** | **C1 an..3** | **X** |
|  |  | Code specifying a type of packing instruction. |  |  |
| 8325 |  | **HAZARDOUS MEANS OF TRANSPORT CATEGORY CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the category of means of transport for carrying hazardous goods. |  |  |
| 8211 |  | **HAZARDOUS CARGO TRANSPORT AUTHORISATION CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the authorisation for the transportation of hazardous cargo. |  |  |

## 4.77 FTX – Free Text (DG Technical name)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0500 |  |  |
|  | Group: | SG7-SG12-SG14 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): - Dangerous goods technical name - Dangerous goods additional information. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 4451 |  | **Text Subject Qualifier** | **M1 an..3** | **M** |
|  |  | Code qualifying subject of the text |  |  |
|  |  | **AAD** Dangerous goods, technical name. [7254] Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature. |  |  |
| 4453 |  | **Text Function, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the function of free text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **O** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **M an..17** | **M** |
|  |  | Code specifying free form text. |  |  |
|  |  | GOODS HAZARD LIMITED QUANTITIES INDICATOR |  | **O** |
|  |  | GOODS HAZARD EXCEPTED QUANTITIES INDICATOR |  | **O** |
|  |  | **TLQ** Transport of dangerous goods in limited quantities. |  | **O** |
|  |  | **TEQ** Transport of dangerous goods in excepted quantities. (Corrigendum 2011) |  |  |
|  |  | In case of bulk shipments: (MARPOL changes/additions) |  |  |
|  |  | **1** Crude Oils |  |  |
|  |  | **2** Fuel and residual oils, including ship's bunkers |  |  |
|  |  | **3** Unfinished distallates, hydrolic oils and lubricating oils |  |  |
|  |  | **4** Gas oils, including ship's bunkers |  |  |
|  |  | **5** Kerosines |  |  |
|  |  | **6** Naphtas and condensates |  |  |
|  |  | **7** Gasoil blending stocks |  |  |
|  |  | **8** Gasoline and spirits |  |  |
|  |  | **9** Asphalt solutions |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **R** |
|  |  | Free text; one to five lines |  |  |
|  | 4440 | **Free text** | **M an..512** | **M** |
|  |  | Free form text |  |  |
|  |  | GOODS HAZARD CHEMICAL/TECHNICAL/SHIPPING NAME |  | **M** |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
| 3453 |  | **Language, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the language name. |  |  |
| 4447 |  | **Text formatting, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the format of free text. |  |  |

## 4.78 FTX – Free Text (DG Additional information)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **FTX** | **Free Text** | |
|  | Position: | 0500 |  |  |
|  | Group: | SG7-SG12-SG14 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Optional (Optional) |  |  |
|  | Max Use | 8 (Corrigendum 2011: Max Use from 1 to 8) |  |  |
|  | Purpose: | A segment to specify additional information relating to the dangerous goods. The text subject to be qualified: Dangerous goods additional information. Used to map multiple properties of the dangerous goods. (e.g., Segregation groups and Marine pollutant) |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 4451 |  | **Text Subject Qualifier** | **M1 an..3** | **M** |
|  |  | Code qualifying subject of the text |  |  |
|  |  | **AAC** Dangerous goods additional information. [7488] Additional information concerning dangerous goods. |  |  |
| 4453 |  | **Text Function, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the function of free text. |  |  |
| C107 |  | **TEXT REFERENCE** | **C1** | **R** |
|  |  | Coded reference to a standard text and its source. |  |  |
|  | 4441 | **Free text identification** | **M an..17** | **M** |
|  |  | Code specifying free form text. |  |  |
|  |  | GOODS HAZARD MARPOL INDICATOR (Code: P or PP) |  | **O** |
|  |  | **A** Additional Information. |  |  |
|  |  | **CHH** Chemical Hazard for solid bulk cargo with MHB hazard identification code (only if DGS.8273 = ‘**IMS**’ and DGS.C205.8351 =’**MHB**’)) |  |  |
|  |  | **F** Fumigation Information |  |  |
|  |  | **HE** Harmful to the marine environment (only for solid bulk cargo) (Corrigendum 2015/04 CR01) |  |  |
|  |  | **HV** Highly viscous (only for category Y liquid bulk) (Corrigendum 2015/04 CR01) |  |  |
|  |  | **P** Marine Pollutant |  |  |
|  |  | **R** Radioactive information |  |  |
|  |  | **SEG** IMDG Code Segregation Group (Corrigendum 2011) |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| C108 |  | **TEXT LITERAL** | **C1** | **O** |
|  |  | Free text; one to five lines |  |  |
|  | 4440 | **Free text** | **M an..512** | **M** |
|  |  | Free form text |  |  |
|  |  | GOODS HAZARD INFO ADDITIONAL |  | **O** |
|  |  | GOODS HAZARD FUMIGATION INFO |  | **O** |
|  |  | GOODS HAZARD MARPOL INFO |  | **O** |
|  |  | GOODS HAZARD RADIOACTIVE INFO |  | **O** |
|  |  | If C107.4441 = '**SEG**': ‘IMDG Code Segregation Group –‘ (Corrigendum 2011) |  | **O** |
|  |  | Any additional information regarding dangerous and polluting goods on board, for example: (MARPOL changes/additions) |  | **O** |
|  |  | Reference to tripartite agreements (Chapter 6.1) |  | **O** |
|  |  | For class 1 cargo: the net explosive mass |  | **C** |
|  |  | For class 7 cargo: the category of activity, the transport index and when applicable the criticality safety index. |  | **C** |
|  |  | (See attribute definitions for recommendations on use of free text lines.) |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | If C107.4441 = '**SEG**': IMDG Code Segregation Group e.g. '1 Acids' (Corrigendum 2011) |  |  |
|  |  | If '**IBC'** possible values: MARPOL codes X, Y, Z, OS (MARPOL changes/additions) |  |  |
|  |  | If C107.4441 = ‘**CHH**’ possible values are:  **CB** Combustible solids  **SH** Self-Heating solids  **WF** Solids that evolve flammable gas when wet.  **WT** Solids that evolve toxic gas when wet  **TX** Toxic solids  **CR** Corrosive solids  **OH** Other hazards |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  |  | Other data contained in the safety data sheet in accordance with IMO Resolution MSC.286(86). (see annex 2.2 Properties and information) |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  | 4440 | **Free text** | **C an..512** | **O** |
|  |  | Free form text |  |  |
|  |  | If **IBC** possible values: S, P, S/P (MARPOL changes/additions) | |  |
| 3453 |  | **Language, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the language name. |  |  |
| 4447 |  | **Text formatting, coded** | **C1 an..3** | **X** |
|  |  | Code specifying the format of free text. |  |  |
|  | | |  |  |
|  | | | | |

## 4.79 MEA – Measurements (Net/gross weight, radioactive index, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **MEA** | **Measurements** | |
|  | Position: | 0510 |  |  |
|  | Group: | SG7-SG12-SG14 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 5 |  |  |
|  | Purpose: | A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 6311 |  | **MEASUREMENT PURPOSE CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying the purpose of the measurement. |  |  |
|  |  | **AAE** Measurement. [6314] Value of the measured unit. |  |  |
| C502 |  | **MEASUREMENT DETAILS** | **C1** | **R** |
|  |  | Identification of measurement type. |  |  |
|  | 6313 | **Measured attribute code** | **C an..3** | **R** |
|  |  | Code specifying the attribute measured. |  |  |
|  |  | **AAL** Net weight. [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale. |  |  |
|  |  | **AEN** Radioactive index of transport. The index of transport determines the maximum radiation level at a distance of 1m from the external surface. Ref.: IMO class 7, chapter 2.7.6.1. |  |  |
|  |  | **AEO** Radioactivity. Activity of radioactive material. Ref.: IMO class 7, chapter 2.7.7.2. |  |  |
|  |  | **BNE** Density at 15 degrees Celsius. (MARPOL changes/ additions) |  |  |
|  |  | **G** Gross weight. [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. |  |  |
|  |  | **MP** Melting Point in Degrees Celsius. (Code not listed!) |  |  |
|  |  | **T19** Net explosive weight. (Code not listed!) Weight (mass) of the explosive part or substance of goods without any packing. \*Code added. |  |  |
|  |  | **T20** Radioactive criticality safety index. (Code not listed!) The criticality safety index, assigned to fissile material, is a number which is used to provide control over the accumulation of packages containing fissile material. Ref.: IMO class 7, chapter 2.7.6.2. \*Code added. |  |  |
|  |  | **TC** Temperature in degrees Celsius where viscosity is 50 mPa-s |  |  |
|  |  | **TCC** Control temperature in Degrees Celsius. (Code not listed!) This is the controlled transport temperature to avoid decomposition of selfreactive and polymerizing substances (subgroup in class 4.1) and organic peroxides (class 5.2) |  |  |
|  |  | **TCE** Emergency temperature in Degrees Celsius. (Code not listed!) This is the temperature at which emergency response is required for selfreactive and polymerizing substances and organic peroxides. |  |  |
|  |  | **VIS** Viscosity (Code not listed!) (MARPOL changes/ additions) |  |  |
|  | 6321 | **Measurement significance code** | **C an..3** | **X** |
|  |  | Code specifying the significance of a measurement |  |  |
|  | 6155 | **Non-discrete measurement name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a non-discrete measurement. | |  |
|  | 6154 | **Non-discrete measurement name** | **C an..70** | **X** |
|  |  | Name of a non-discrete measurement |  |  |
| C174 |  | **VALUE/RANGE** | **C1** | **R** |
|  |  | Measurement value and relevant minimum and maximum values of the measurement range. |  |  |
|  | 6411 | **Measurement unit code** | **M an..8** | **M** |
|  |  | Code specifying the unit of measurement |  |  |
|  |  | **4N** Mega Becquerel |  |  |
|  |  | **BQL** Becquerel |  |  |
|  |  | **CUR** Curie |  |  |
|  |  | **GBQ** Giga Becquerel |  |  |
|  |  | **GRM** Gram |  |  |
|  |  | **KGM** Kilogram |  |  |
|  |  | **NMB** Number. (Used for Radioactive index of transport and for Radioactive criticality safety index.) |  |  |
|  |  | **TBQ** Tera Becquerel |  |  |
|  |  | **TNE** (Metric) Tonne |  |  |
|  |  | **MTQ** Cubic Meter (MARPOL changes/additions) |  |  |
|  |  | **MPA** Viscosity at 20 Degrees Celsius in mPa-s (millipascal-second) | |  |
|  |  | **CST** Viscosity at 50 Degrees Celsius in cSt (Centistokes) |  |  |
|  |  | **CEL** Degrees Celsius |  |  |
|  | 6314 | **Measurement value** | **C n..18** | **R** |
|  |  | To specify the value of a measurement. \*Note: Representation limited to numerical values (n..18 instead of an..18). |  |  |
|  |  | GOODS HAZARD WEIGHT GROSS |  | **O** |
|  |  | GOODS HAZARD WEIGHT NET |  | **O** |
|  |  | GOODS HAZARD WEIGHT NET EXPLOSIVE |  | **O** |
|  |  | GOODS HAZARD RADIOACTIVE INDEX OF TRANSPORT |  | **C** |
|  |  | GOODS HAZARD RADIOACTIVE CRITICALITY SAFETY INDEX |  | **C** |
|  |  | GOODS HAZARD RADIOACTIVITY |  | **C** |
|  | 6162 | **Range minimum value** | **C n..18** | **X** |
|  |  | To specify the minimum value of a range. |  |  |
|  | 6152 | **Range maximum value** | **C n..18** | **X** |
|  |  | To specify the maximum value of a range. |  |  |
|  | 6432 | **Significant digits quantity** | **C1 an..3** | **X** |
|  |  | Count of the number of significant digits. |  |  |
| 7383 |  | **SURFACE OR LAYER CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the surface or layer of an object. |  |  |

## 4.80 LOC – Place/Location Identification (Stowage location)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **LOC** | **Place/Location Identification** | |
|  | Position: | 0520 |  |  |
|  | Group: | SG7-SG12-SG14 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 99 |  |  |
|  | Purpose: | A segment to indicate the cell location on board of the means of transport. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3227 |  | **LOCATION FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code identifying the function of a location. |  |  |
|  |  | **147** Stowage Cell. [8042] Indication of the location on board a means of transport where specified goods or transport equipment have been or are to be placed. |  |  |
| C517 |  | **LOCATION IDENTIFICATION** | **C1** | **R** |
|  |  | Identification of a location by code or name. |  |  |
|  | 3225 | **Location name code** | **C an..35** | **R** |
|  |  | Code specifying the name of the location. |  |  |
|  |  | GOODS HAZARD AT STOWAGE PLACE MAIN |  | **O** |
|  |  | For container vessels: BBBRRTT. If bay number is less than 3 characters it must be filled with leading zeros, e.g. "0340210". (MARPOL changes/additions) |  |  |
|  |  | For Ro/Ro vessels: DECK/LANE/POSITION(FOR or FRN)/LEVEL (MARPOL changes/additions) |  |  |
|  |  | For General cargo vessels 3 to 9 characters, format: (MARPOL changes/additions) |  |  |
|  |  | First 3 characters (mandatory) for the hold number (01, 02, etc.) with a further indication: 'S' starboard, 'P' Portside or 'C' Center. |  |  |
|  |  | Second 3 characters (optional) for the indication of the deck level: 'WED' Weather deck, 'TD9' Tween deck 9, 'TD1' Tween deck 1, 'LOH' Lower hold. |  |  |
|  |  | Third 3 charaters (optional) for a further indication within a hold, e.g. Indication of the position of movable bulkheads using the 3 digit code for the frame number. |  |  |
|  |  | For tanker vessels: (MARPOL changes/additions) |  |  |
|  |  | 3 characters (mandatory) for the tank number (01, 02, etc. With a further indication: 'S' starboard, 'P' Portside, 'C' Center, 'F' Forward or 'A' Aft. Statements: 'All cargo tanks' or 'All tanks' should be avoided. |  |  |
|  |  | For Bulk Carriers: (MARPOL changes/additions) |  |  |
|  |  | 2 characters to report the hold number (01, 02, etc.) |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3224 | **Location Name** | **C an..256** | **X** |
|  |  | Name of the location. |  |  |
| C519 |  | **RELATED LOCATION ONE IDENTIFICATION** | **C1** | **O** |
|  |  | Identification the first related location by code or name. |  |  |
|  | 3223 | **First related location name code** | **C an..25** | **O** |
|  |  | Code specifying first related location. |  |  |
|  |  | GOODS HAZARD AT STOWAGE PLACE MAIN HATCHCOVER NUMBER |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **First related location name** | **C an..70** | **O** |
|  |  | Name of first related location. |  |  |
|  |  | GOODS HAZARD AT STOWAGE PLACE MAIN HATCHCOVER STATUS |  | **O** |
| C553 |  | **RELATED LOCATION TWO IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the second related location by code or name. | |  |
|  | 3223 | **Second related location name code** | **C an..256** | **X** |
|  |  | Code specifying second related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **Second related location name** | **C an..70** | **X** |
|  |  | Name of second related location. |  |  |
| 5479 |  | **RELATION CODE** | **C1 an..3** | **X** |
|  |  | Code specifying a relation. |  |  |

## 4.81 RFF – Reference (Authorization number)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **RFF** | **Reference** | |
|  | Position: | 0530 |  |  |
|  | Group: | SG7-SG12-SG14 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 9 |  |  |
|  | Purpose: | A segment by which the declaring party can refer to (a) number(s) of approval concerning exceptions on the existing hazardous goods regulation, obtained from the responsible authority. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C506 |  | **REFERENCE** | **M1** | **M** |
|  |  | Identification of a reference |  |  |
|  | 1153 | **Reference code qualifier** | **M an..3** | **M** |
|  |  | Code qualifying a reference. |  |  |
|  |  | **ALF** Authorization number for exception to dangerous goods regulations. Referenc e number allocated by an authority. This number contains an approval concerning exceptions on the existing dangerous goods regulations. |  |  |
|  | 1154 | **Reference identifier** | **C an..70** | **R** |
|  |  | Identifies a reference |  |  |
|  |  | GOODS HAZARD AUTHORIZATION NUMBER |  | **O** |
|  | 1156 | **Document line identifier** | **C an..6** | **X** |
|  |  | To identify a line of a document. |  |  |
|  | 4000 | **Reference version identifier** | **C an..35** | **X** |
|  |  | To identify the version of a reference |  |  |
|  | 1060 | **Revision identifier** | **C an..6** | **X** |
|  |  | To identify a revision. |  |  |

## 4.82 SG15 – Segment Group 15 (SGP-LOC-MEA)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | Segment: | **SGP (SG15)** | **Segment Group SG15** | |  |
|  |  | Position: | 0540 |  |  |  |
|  |  | Group: | Segment Group 14 (Dangerous Goods) |  |  |  |
|  |  | Level: | 4 |  |  |  |
|  |  | Usage: | Conditional (Optional) |  |  |  |
|  |  | Max Use | 99 |  |  |  |
|  |  | Purpose: | A group of segments to specify the distribution of the dangerous goods item among transport equipment. |  |  |  |
|  |  |  | **Segment Summary** |  |  |  |
|  | Pos. No. | Seq.Id. | Name | Req. Des. | Max. Use | Group Repeat |
| M | 0550 | SGP | Split Goods Placement | M | 1 |  |
| O | 0560 | LOC | Place/Location Identification | C | 1 |  |
| O | 0570 | MEA | Measurements | C | 5 |  |

## 4.83 SGP – Split Goods Placement (Container number, packing details)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **SGP** | **Split Goods Placement** | |
|  | Position: | 0550 (Trigger Segment) |  |  |
|  | Group: | SG7-SG12-SG14-SG15 |  |  |
|  | Level: | 4 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to identify the equipment (such as container number, barge identification, trailer identification) in which the dangerous goods is placed and the number of packages in that equipment. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| C237 |  | **EQUIPMENT IDENTIFICATION** | **M1** | **M** |
|  |  | Marks (letters/numbers) identifying equipment. |  |  |
|  | 8260 | **Equipment identification number** | **C an..17** | **R** |
|  |  | To identify equipment. |  |  |
|  |  | GOODS HAZARD IN CONTAINER ID PREFIX & NO |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3207 | **Country, coded** | **C an..3** | **X** |
|  |  | Identification of the name of the country or other geographical entity as defined in ISO 3166-1. |  |  |
| 7224 |  | **NUMBER OF PACKAGES** | **C1 n..8** | **O** |
|  |  | To specify the number of packages. |  |  |
|  |  | GOODS HAZARD IN CONTAINER PACKAGE TOTAL NUMBER | | **O** |

## 4.84 LOC – Place/Location Identification (Stowage cell)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **LOC** | **Place/Location Identification** | |
|  | Position: | 0560 |  |  |
|  | Group: | SG7-SG12-SG14-SG15 |  |  |
|  | Level: | 5 |  |  |
|  | Usage: | Conditional (Optional) |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A segment to indicate the cell location on board of the means of transport, for each equipment in which dangerous cargo is stored. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 3227 |  | **LOCATION FUNCTION CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code identifying the function of a location. |  |  |
|  |  | **147** Stowage Cell. [8042] Indication of the location on board a means of transport where specified goods or transport equipment have been or are to be placed. |  |  |
| C517 |  | **LOCATION IDENTIFICATION** | **C1** | **R** |
|  |  | Identification of a location by code or name. |  |  |
|  | 3225 | **Location name code** | **C an..35** | **R** |
|  |  | Code specifying the name of the location. |  |  |
|  |  | EQUIPMENT AT STOWAGE PLACE |  | **O** |
|  |  | (See attribute definition for recommended format of stowage place.) |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3224 | **Location Name** | **C an..256** | **X** |
|  |  | Name of the location. |  |  |
| C519 |  | **RELATED LOCATION ONE IDENTIFICATION** | **C1** | **O** |
|  |  | Identification the first related location by code or name. |  |  |
|  | 3223 | **First related location name code** | **C an..25** | **O** |
|  |  | Code specifying first related location. |  |  |
|  |  | EQUIPMENT AT STOWAGE PLACE MAIN HATCH COVER NUMBER |  | **O** |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **First related location name** | **C an..70** | **O** |
|  |  | Name of first related location. |  |  |
|  |  | EQUIPMENT AT STOWAGE PLACE MAIN HATCH COVER STATUS |  | **O** |
| C553 |  | **RELATED LOCATION TWO IDENTIFICATION** | **C1** | **X** |
|  |  | Identification the second related location by code or name. | |  |
|  | 3223 | **Second related location name code** | **C an..256** | **X** |
|  |  | Code specifying second related location. |  |  |
|  | 1131 | **Code list qualifier** | **C an..17** | **X** |
|  |  | Code identifying a user or association maintained code list. |  |  |
|  | 3055 | **Code list responsible agency, coded** | **C an..3** | **X** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
|  | 3222 | **Second related location name** | **C an..70** | **X** |
|  |  | Name of second related location. |  |  |
| 5479 |  | **RELATION CODE** | **C1 an..3** | **X** |
|  |  | Code specifying a relation. |  |  |

## 4.85 MEA – Measurements (Net/gross weight, radioactive index, etc.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **MEA** | **Measurements** | |
|  | Position: | 0570 |  |  |
|  | Group: | SG7-SG12-SG14-SG15 |  |  |
|  | Level: | 5 |  |  |
|  | Usage: | Conditional )Optional) |  |  |
|  | Max Use | 5 |  |  |
|  | Purpose: | A segment to specify a measurement of that placement in the equipment. The transport measurements to be qualified: - Net weight - Gross weight. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 6311 |  | **MEASUREMENT PURPOSE CODE QUALIFIER** | **M1 an..3** | **M** |
|  |  | Code qualifying the purpose of the measurement. |  |  |
|  |  | **AAE** Measurement. [6314] Value of the measured unit. |  |  |
| C502 |  | **MEASUREMENT DETAILS** | **C1** | **R** |
|  |  | Identification of measurement type. |  |  |
|  | 6313 | **Measured attribute code** | **C an..3** | **R** |
|  |  | Code specifying the attribute measured. |  |  |
|  |  | **AAL** Net weight. [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale. |  |  |
|  |  | **AEN** Radioactive index of transport. The index of transport determines the maximum radiation level at a distance of 1m from the external surface. Ref.: IMO class 7, chapter 2.7.6.1. |  |  |
|  |  | **AEO** Radioactivity. Activity of radioactive material. Ref.: IMO class 7, chapter 2.7.7.2. |  |  |
|  |  | **BNE** Density at 15 degrees Celsius. (MARPOL changes/additions) |  |  |
|  |  | **G** Gross weight. [6292] Weight (mass) of goods including packing but excluding the carrier's equipment. |  |  |
|  |  | **MP** Melting Point in Degrees Celsius. (Code not listed!) |  |  |
|  |  | **T19** Net explosive weight. (Code not listed!)Weight (mass) of the explosive part or substance of goods without any packing. \*Code added. |  |  |
|  |  | **T20** Radioactive criticality safety index. (Code not listed!)The criticality safety index, assigned to fissile material, is a number which is used to provide control over the accumulation of packages containing fissile material. Ref.: IMO class 7, chapter 2.7.6.2. \*Code added. |  |  |
|  |  | **TC** Temperature in degrees Celsius where viscosity is 50 mPa-s |  |  |
|  |  | **TCC** Control temperature in Degrees Celsius. (Code not listed!) This is the controlled transport temperature to avoid decomposition of selfreactive and polymerizing substances (subgroup in class 4.1) and organic peroxides (class 5.2) |  |  |
|  |  | **TCE** Emergency temperature in Degrees Celsius. (Code not listed!) This is the temperature at which emergency response is required for selfreactive and polymerizing substances and organic peroxides. |  |  |
|  |  | **VIS** Viscosity (Code not listed!) (MARPOL changes/additions) |  |  |
|  | 6321 | **Measurement significance code** | **C an..3** | **X** |
|  |  | Code specifying the significance of a measurement |  |  |
|  | 6155 | **Non-discrete measurement name code** | **C an..17** | **X** |
|  |  | Code specifying the name of a non-discrete measurement. | |  |
|  | 6154 | **Non-discrete measurement name** | **C an..70** | **X** |
|  |  | Name of a non-discrete measurement |  |  |
| C174 |  | **VALUE/RANGE** | **C1** | **R** |
|  |  | Measurement value and relevant minimum and maximum values of the measurement range. |  |  |
|  | 6411 | **Measurement unit code** | **M an..8** | **M** |
|  |  | Code specifying the unit of measurement |  |  |
|  |  | **4N** Mega Becquerel |  |  |
|  |  | **BQL** Becquerel |  |  |
|  |  | **CUR** Curie |  |  |
|  |  | **GBQ** Giga Becquerel |  |  |
|  |  | **GRM** Gram |  |  |
|  |  | **KGM** Kilogram |  |  |
|  |  | **NMB** Number. (Used for Radioactive index of transport and for Radioactive criticality safety index.) |  |  |
|  |  | **TBQ** Tera Becquerel |  |  |
|  |  | **TNE** (Metric) Tonne |  |  |
|  |  | **MTQ** Cubic Meter (MARPOL changes/additions) |  |  |
|  |  | **MPA** Viscosity at 20 Degrees Celsius in mPa-s (millipascal-second) | |  |
|  |  | **CST** Viscosity at 50 Degrees Celsius in cSt (Centistokes) |  |  |
|  |  | **CEL** Degrees Celsius |  |  |
|  | 6314 | **Measurement value** | **C n..18** | **R** |
|  |  | To specify the value of a measurement. \*Note: Representation limited to numerical values (n..18 instead of an..18). |  |  |
|  |  | GOODS HAZARD IN CONTAINER WEIGHT GROSS |  | **O** |
|  |  | GOODS HAZARD IN CONTAINER WEIGHT NET |  | **O** |
|  |  | GOODS HAZARD IN CONTAINER WEIGHT NET EXPLOSIVE |  | **O** |
|  |  | GOODS HAZARD IN CONTAINER RADIOACTIVE INDEX OF TRANSPORT |  | **C** |
|  |  | GOODS HAZARD IN CONTAINER RADIOACTIVE CRITICALITY SAFETY INDEX | | **C** |
|  |  | GOODS HAZARD IN CONTAINER RADIOACTIVITY |  | **C** |
|  | 6162 | **Range minimum value** | **C n..18** | **X** |
|  |  | To specify the minimum value of a range. |  |  |
|  | 6152 | **Range maximum value** | **C n..18** | **X** |
|  |  | To specify the maximum value of a range. |  |  |
|  | 6432 | **Significant digits quantity** | **C1 an..3** | **X** |
|  |  | Count of the number of significant digits. |  |  |
| 7383 |  | **SURFACE OR LAYER CODE** | **C1 an..3** | **X** |
|  |  | Code specifying the surface or layer of an object. |  |  |

## 4.86 UNT – Message Trailer (Service segment)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Segment: | **UNT** | **Message Trailer** | |
|  | Position: | 0580 |  |  |
|  | Group: |  |  |  |
|  | Level: | 0 |  |  |
|  | Usage: | Mandatory |  |  |
|  | Max Use | 1 |  |  |
|  | Purpose: | A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message. |  |  |
|  | Dependency Notes: |  |  |  |
|  |  | **Data Element Summary** |  |  |
| Data Element | Component Element | Name | Base Attributes | User Attributes |
| 0074 |  | **NUMBER OF SEGMENTS IN A MESSAGE** | **M1 n..6** | **M** |
|  |  | Control count of number of segments in a message. |  |  |
| 0062 |  | **MESSAGE REFERENCE NUMBER** | **M1 an..14** | **M** |
|  |  | Unique message reference assigned by the sender. |  |  |

# 5. Examples to represent dangerous goods information

This chapter contains examples of how to specify dangerous goods information in the EDIFACT message segments.

Included are some specific usages of segments and some examples of complete notification messages.

## 5.1 Examples of specific DGS segment group usage

### 5.1.1 IMDG Code

For a Dangerous goods in class 3 (flammable liquids) of the IMO's IMDG Regulation, having an United Nation Dangerous Goods number of 1194, and a flashpoint of -21 degrees Centigrade closed cup, packing group I and of which the dangerous goods technical name or proper shipping name is ETHYL NITRITE, SOLUTIONS,

the DGS segment and corresponding FTX segment are completed as follows:

DGS+IMD+3+1194+-21.0:CEL+1'

FTX+AAD+++ETHYL NITRITE,SOLUTIONS'

### 5.1.2 Primary risk and subsidiary risk

For a Dangerous goods with a primary hazard in class 3 (flammable liquids) of the IMO's

IMDG Regulation and a subsidiary risk 6.1 (poisonous (toxic) substances), having a United Nation Dangerous Goods number of 1194, and a flashpoint of -21 degrees Centigrade closed cup, packing group I,

the DGS segment is completed as follows:

DGS+IMD+3+1194+-21.0:CEL+1+++6.1'

### 5.1.3 Dangerous goods in Limited quantities

A dangerous goods with the technical name ETHANOL, is to be shipped in limited quantities according to IMO’s IMDG chapter 18. The IMO’s IMDG hazard class code is 3, the UNDG number is 1170. The text ‘IN LIMITED QUANTITIES’ needs to be added as additional information.

The DGS segment and corresponding FTX segment are completed as follows:

DGS+IMD+3+1170’

FTX+AAD++TLQ+ETHANOL IN LIMITED QUANTITIES’

### 5.1.4 Dangerous goods in Excepted quantities

A dangerous goods with the technical name ETHANOL, is to be shipped in excepted quantities according to IMO’s IMDG chapter 18. The IMO’s IMDG hazard class code is 3, the UNDG number is 1170. The text ‘IN EXCEPTED QUANTITIES’ needs to be added as additional information.

The DGS segment and corresponding FTX segment are completed as follows:

DGS+IMD+3+1170+008:CEL+2+F-ES-D++++3'

FTX+AAD++TEQ+ETHANOL IN EXCEPTED QUANTITIES’

### 5.1.5 Segregation Groups

In case segregation groups are applicable, an FTX-segment for additional info (qualifier “AAC”) has to be added with “SEG” in the text reference (C107-4441) and in the text literal (C108) the text “IMDG Code Segregation Group –“ (1st 4440 element) and the applicable IMDG Code Segregation Group, e.g. “1 Acids” (2nd 4440 element). Example:

DGS+IMD+8+1760++III+F-AS-B'

FTX+AAD+++CORROSIVE LIQUID, N.O.S. (Phosphoric acid)'

FTX+AAC++P'

FTX+AAC++SEG+IMDG Code segregation group -:1 Acids'

### 5.1.6 Cargo to remain on board (ROB)

Considering that the Transport Licenses are linked to dangerous goods and not to a specific means of transport the implementation guideline of IFTDGN must allow for the transmission of Transport License details for Remains On Board (ROB) cargo on consignment level. In order to allow for this it was agreed to allow an extra value ‘20’ (Main Carriage Transport) in data element 8051 (Transport Stage Code Qualifier) in the TDT-segment of segment group 8. Example:

…

CNI+1+564759013’

LOC+200+BEANR’

TDT+20++1’

RFF+ALH:VSM0002182’

GID+1+18:11H2’

…

### 5.1.7 Proper shipping name and Correct technical name

Proper shipping name and Correct technical name are quoted as: “FLAMMABLE LIQUID, N.O.S. (Ethanol and Dodecylphenol)”.

The additional description in brackets is the Recognized chemical name. It is part of the correct description of the goods and this should be specified according to the IMDG code.

This is to be represented in the EDI message as follows::

One string of characters, so without making distinction between the Proper shipping name and the correct technical name, (in the same way as in the text above), as follows:

FTX+AAD+++FLAMMABLE LIQUID, N.O.S.(ETHANOL AND DODECYLPHENOL)’

## 5.2 Examples of complete IFTDGN messages

The messages are specified using the UNOA character set and version 2 of the EDIFACT Syntax. See Part VI for details of the envelop segments UNB and UNZ.

### 5.2.1 Example 1 – Container vessel

A Dangerous Goods Notification, identified by number 'DGN-950315' is send as 'Original', for a ‘container vessel’ ('89N') which is expected to arrive in the port of call, Rotterdam, on ‘June 3, 2004, at 20:30 hours’ local time. The notification is issued on June 1, 2004, at 15:30 hours’ local time. The Lloyd's number of this container vessel is '7427764', the Radio Call Sign is 'LZGS', the name of the vessel is 'Holbrooke Herald' and her nationality is Belgian ‘BE’. The carrier's voyage number is 'C0171'.

The carriers agent responsible for the notification to the authority is: 'Uxfold Agencies' in

'London'. The contact person for the notification at the carrier's agent's office is 'Mr. Baker'. Uxfold Agencies is also the sender of the EDI-message. The message recipient of the notification is the port authority in 'Antbrefelhamlehrot'.

At the first berth location 'G3011' the first consignment ('1'), identified with 'BL3017', will be 'Discharged' Its port of loading was Bremen and its port of discharge is (consequently) Rotterdam. The estimated date/time of the discharge operation for the consignment is ‘June 4, 2004, at 11:00 hours’.

This consignment consists of: one goods item of dangerous goods with proper shipping name ‘Corrosive solid, acidic, N.O.S. (glycolic acid)', gross weight '20.550 tons', net weight '18,55 tons' and packed in '112' 'drums'. The 'IMDG' class of glycolic acid is '8.0', the UNDG number '3261', the packing group is III, and the flashpoint '-5 degrees Celsius'.

These goods are transported in container 'KNLU1593212' (being a 'large freight container'). The stowage of this container is Bay 112, Row 3, Tier 8. The 'on-carriage' of the consignment will take place by a 'road' vehicle which is identified by 'DJ-PF-01'.

The second consignment '2' will be 'Remain on Board’ (ROB, in transit), was loaded on board in Bremen and will be discharged in Felixstowe. It consists of: one goods item of dangerous goods with proper shipping name 'xylenols', gross weight '21,7 tons' packed in '73' 'cans'. The 'IMDG' class of xylenols is '6.1', the UNDG number '2261'. This dangerous good is transported in two 'large freight containers':

* the first container has identification 'SEAU8443304', has a gross weight of '14,3 tons', contains '33' of the cans and is stowed at 'Bay 43, Row 7, Tier 5';
* the second container has identification 'ICSU1845678', has a gross weight of '7,4 tons', contains '40' of the cans and is stowed at 'Bay 71, Row 5, Tier 2'.

The vessel also takes berth at location 'G3023' in the port where the vessel will 'load' the third consignment ('3') with dangerous goods.

The load operation for this consignment at this berth is expected to take place June 5, 2004 at 16:30h. This consignment consists of one goods item of dangerous goods with proper shipping name 'sludge acid', gross weight 14 tons, contained in '2240' bottles (as inner package) which are packed in '115' 'boxes' as outer packages. The 'IMDG' class of glycolic acid is '8.0', the UNDG number '1906'. This dangerous goods is transported in container 'OCLU8100631'. The stowage of this container is 'Bay 52, Row 5, Tier 8'.

Corresponding IFTDGN message for Example 1:

UNB+UNOA:2+UXFAG:PROT+PAPROTECT:PROT+040601:1600+DGN'

UNH+30123431+IFTDGN:D:03A:UN:PROT20'

BGM+89N+DGN1004+9'

DTM+137:200406011530:203’

TDT+20+C0171+1+++++7427764:::HOLBROOKE HERALD:BE'

RFF+VM:LZGS'

LOC+153+NLRTM'

DTM+132:200406032030:203'

NAD+MS+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON'

NAD+CG+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON'

CTA+IC+:MR. BAKER'

NAD+MR+PAPROTECT+PORT OF ANTBREFELHAMLEHROT'

CNI+1+BL3017'

HAN+LDI'

DTM+369:200406041100:203'

LOC+200+NLRTM+G3011:BER:ZZZ'

LOC+9+GEBRE'

LOC+11+NLRTM'

TDT+30++3+++++DJ-PF-01'

GID+1+112:DR'

FTX+AAA++2'

DGS+IMD+8.0+3261+-5,00:CEL+3'

FTX+AAD+++GLYCOLIC ACID'

MEA+AAE+G+TNE:20550'

MEA+AAE+AAL+TNE:18,55'

SGP+KNLU1593212+112'

LOC+147+1120308'

CNI+2'

HAN+T'

LOC+9+GEBRE’

LOC+11+GBFXT’

GID+1+73:CA'

FTX+AAA++2'

DGS+IMD+6.1+2261'

FTX+AAD+++XYLENOLS'

MEA+AAE+G+TNE:21,7'

SGP+SEAU8443304+40'

LOC+147+0430705'

MEA+AAE+G+TNE:14,3'

SGP+ICSU1845678+33'

LOC+147+0710502'

MEA+AAE+G+TNE:7,4'

CNI+3+BL5055'

HAN+LLO'

DTM+369:2004006051630:203'

LOC+200+NLRTM+G3023:BER:ZZZ'

GID+1+115:BX++2240:BQ'

FTX+AAA++2'

DGS+IMD+8.0+1906'

FTX+AAD+++SLUDGE ACID'

MEA+AAE+G+TNE:14'

SGP+OCLU8100631+115'

LOC+147+0520508'

UNT+57+30123431'

UNZ+1+DGN'

### 5.2.2 Example 2 – Tanker vessel

A Dangerous Goods Notification, identified by number '1000312' is send as 'Original', for a

‘tanker vessel’ (‘89T’) which is expected to arrive in the port at 'November 6, 1998, at 23:00 hours’ local time. The notification is issued on ‘November 6, 1998 at 05:00 hours’ local time. The Lloyd's number of this vessel is '3135521', the Radio Call Sign is 'ABXC', and the name of the vessel is 'Monte Rhea' and her nationality is Dutch ‘NL’. Expected departure date of the vessel is ‘November 9, 1998 at 13:00 hours’.

The sender of the message is 'Maritime Data Entry Services' in 'Harwich', contact person is 'Mrs. Strafford'. The carriers agent responsible for the notification is 'Uxfold Agencies' in 'London', contact person is 'Mr. Baker'.

The message recipient of the notification is the port authority in 'Antbrefelhamlehrot'.

The vessel takes first berth at 'Robo Tank Terminals' and secondly at 'Queens Terminal'.

All consignments notified in this notification message will be 'discharged' from the vessel.

The first consignment ('1') consists of one goods item described as 'acetone' in 'Liquid bulk' being a dangerous goods with proper shipping name 'glycolic acid', gross weight '2000 tons'. The 'IMDG' class of glycolic acid is '3’, the UNDG number '1090' and the flashpoint -'20 degrees Celsius'. Tanks 3 starboard '3S' and 2 portside '2P' of the vessel contain this dangerous goods. The expected date/time of the discharge operation is ‘November 7, 1998 at 03:20 hours'.

The next place of berth is 'Queens Terminal'. The expected date/time of the discharge action for the second ('2') consignment at this berth is ‘November 7, 1998 at 16:30 hours’. The consignment consists of two goods items:

* the first goods item ('1') consists of a dangerous goods called 'phosporicacid', gross weight '210 ton'. The 'IMDG' class of phosporicacid is '8.0', and the UNDG number '1805'. The stowage position of the phosporicacid is tank seven portside '7P'.
* the second goods item ('2') consists of a dangerous goods called 'dioctylphthalate', gross weight '3,1 ton'. An 'IMDG' classification and a UNDG number have not been assigned. It is mentioned in the MARPOL as marine pollutant ('P'). The dioctylphthalate is stowed in tank '7S'.

Corresponding IFTDGN message for Example 2:

UNB+UNOA:2+MARDES:PROT+PAPROTECT:PROT+981106:0500+DGN'

UNH+541432+IFTDGN:D:03A:UN:PROT20'

BGM+89T+1000312+9'

DTM+137:199811060500:203'

HAN+LDI'

TDT+20++1+++++3135521:::MONTE RHEA:NL'

RFF+VM:ABXC'

LOC+153+NLRTM'

DTM+132:199811062300:203'

DTM+133:199811091300:203'

NAD+MS+MARDES+MARITIME DATA ENTRY SERVICES:KINGSLANE 117:HARWICH'

CTA+IC+:MRS. STRAFFORD'

NAD+CG+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON'

CTA+IC+:MR. BAKER'

NAD+MR+PAPROTECT+PORT OF ANTBREFELHAMLEHROT'

CNI+1'

DTM+369:199811070320:203'

LOC+200+NLRTM+ROBO TANK TERMINALS:BER:ZZZ'

GID+1'

FTX+AAA++0+ACETONE'

DGS+IMD+3+1090+-020:CEL'

FTX+AAD+++GLYCOLIC ACID'

MEA+AAE+G+TNE:2000'

LOC+147+3S'

LOC+147+2P'

CNI+2'

DTM+369:199811071630:203'

LOC+200+NLRTM+QUEENS TERMINAL:BER:ZZZ'

GID+1'

FTX+AAA++0'

DGS+IMD+8.0+1805'

FTX+AAD+++PHOSPORICACID'

MEA+AAE+G+TNE:210'

LOC+147+7P'

GID+2'

DGS+IMD+0.00+0000'

FTX+AAD+++DIOCTYLPHTHALATE'

FTX+AAC++P'

MEA+AAE+G+TNE:3.1'

LOC+147+7S'

UNT+40+541432'

UNZ+1+DGN'

### 5.2.3 Example 3 – Cancellation message for example 2

A Dangerous Goods Notification, identified by number ‘1000312’ (as per example 2) has been sent, but is to be cancelled by sending a new Dangerous Goods Notification message, identified by number ‘1000313’ with the indication ‘Cancellation’.

The new notification is issued on ‘November 6, 1998 at 23:30 hours’ local time.

This example message further contains only for one consignment that data (from example 2) that is required according to the specification in this message implementation guide.

N.B. It is noted that dummy data both on message level and for one consignment could be placed in the message.

Corresponding IFTDGN message for Example 3:

UNB+UNOA:2+MARDES:PROT+PAPROTECT:PROT+981106:0500+DGN'

UNH+541433+IFTDGN:D:03A:UN:PROT20'

BGM+89T+1000313+1'

DTM+137:199811062330:203'

HAN+LDI'

RFF+ACW:1000312'

TDT+20++1+++++3135521:::MONTE RHEA:NL'

RFF+VM:ABXC'

LOC+153+NLRTM'

DTM+132:199811062300:203'

NAD+MS+MARDES+MARITIME DATA ENTRY SERVICES:KINGSLANE 117:HARWICH'

NAD+MR+PAPROTECT+PORT OF ANTBREFELHAMLEHROT'

NAD+CG+UXFOLD+UXFOLD AGENCIES:CHURCH STREET 7:LONDON'

CNI+1'

DTM+369:199811070320:203'

GID+1'

DGS+IMD+3+1090+-020:CEL'

FTX+AAD+++GLYCOLIC ACID'

MEA+AAE+G+TNE:2000'

UNT+16+541433'

UNZ+1+DGN'