

## II

*(Non-legislative acts)*

## REGULATIONS

**COMMISSION IMPLEMENTING REGULATION (EU) 2019/1744****of 17 September 2019****on technical specifications for electronic ship reporting in inland navigation and repealing Regulation (EU) No 164/2010**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2005/44/EC of the European Parliament and of the Council of 7 September 2005 on harmonised river information services (RIS) on inland waterways in the Community <sup>(1)</sup>, and in particular point (b) of Article 5(1) thereof,

Whereas:

- (1) Electronic reporting in inland navigation should contribute to the safety and efficiency of inland navigation, by enabling electronic data interchange for reporting purposes to and between competent authorities and to facilitate electronic data interchange among the parties involved in inland waterway transport. Electronic reporting should help to avoid multiple reporting of the same data to competent authorities and other parties in the transport chain.
- (2) The development of harmonised river information services (RIS) laid down in Directive 2005/44/EC requires the establishment of technical specifications, including, inter alia, on electronic ship reporting.
- (3) The technical specifications for electronic ship reporting laid down in Commission Regulation (EU) No 164/2010 <sup>(2)</sup> specify the messages, data items, codes and references to be used in electronic reporting for enabling specific services and functions of RIS in line with Directive 2005/44/EC.
- (4) Technical specifications for electronic ship reporting should take due account of the technological progress and the experiences gained from their application, including the introduction of mandatory electronic reporting requirements on major rivers in Europe. For that reason, the technical specifications defined in Regulation (EU) No 164/2010 should be revised and clarified.
- (5) The revised technical specifications should take due account of the latest internationally adopted standards, guidelines and experiences gained as a result of their application, such as the relevant standards by the United Nations Economic Commission for Europe (UNECE), the Central Commission for the Navigation of the Rhine (CCNR) and other international bodies. In addition, the specific provisions of Directive (EU) 2016/1629 of the European Parliament and of the Council <sup>(3)</sup> and Commission Implementing Regulation (EU) 2018/2032 <sup>(4)</sup> should be considered.

<sup>(1)</sup> OJ L 255, 30.9.2005, p. 152.

<sup>(2)</sup> Commission Regulation (EU) No 164/2010 of 25 January 2010 on the technical specifications for electronic ship reporting in inland navigation referred to in Article 5 of Directive 2005/44/EC of the European Parliament and of the Council on harmonised river information services (RIS) on inland waterways in the Community (OJ L 57, 6.3.2010, p. 1).

<sup>(3)</sup> Directive (EU) 2016/1629 of the European Parliament and of the Council of 14 September 2016 laying down technical requirements for inland waterway vessels, amending Directive 2009/100/EC and repealing Directive 2006/87/EC (OJ L 252, 16.9.2016, p. 118).

<sup>(4)</sup> Commission Implementing Regulation (EU) 2018/2032 of 20 November 2018 amending Commission Regulation (EC) No 416/2007 of 22 March 2007 concerning the technical specifications for Notices to Skippers (OJ L 332, 28.12.2018, p. 1).

- (6) The revised technical specifications should take due account of the requirement of compatibility with other modes of transport, in particular maritime transport. This should be achieved by making use of internationally standardised notification messages, accepted code lists and classifications and following guidelines as defined by the Protect <sup>(3)</sup> group.
- (7) Pursuant to Article 12(2) of Directive 2005/44/EC technical specifications should enter into force immediately after their publication and Member States should apply those specifications not later than 30 months after entry into force.
- (8) Taking into account the extent of required changes, Regulation (EU) No 164/2010 should be repealed.
- (9) The measures provided for in this Regulation are in accordance with the opinion of the Committee referred to in Article 11 of Directive 2005/44/EC,

HAS ADOPTED THIS REGULATION:

*Article 1*

The technical specifications for electronic ship reporting in inland navigation shall be as set out in the Annex.

*Article 2*

Regulation (EU) No 164/2010 is repealed.

*Article 3*

This Regulation shall enter into force on the day following that of its publication in the *Official Journal of the European Union*.

It shall apply not later than 30 months after its entry into force.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 September 2019.

*For the Commission*

*The President*

Jean-Claude JUNCKER

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<sup>(3)</sup> Protect: an organisation of European seaports that have developed common implementation guidelines for electronic standard messages ([www.protect-group.org](http://www.protect-group.org)).

## ANNEX

## TABLE OF CONTENTS

|                                            |                                                                                               |    |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|----|
| 1.                                         | PART I: MESSAGE IMPLEMENTATION MANUAL CONVENTION .....                                        | 3  |
| 1.1                                        | Introduction .....                                                                            | 3  |
| 1.2.                                       | UN/EDIFACT message structure .....                                                            | 4  |
| 1.3.                                       | Introduction to message types .....                                                           | 4  |
| 1.3.1.                                     | ERINOT .....                                                                                  | 4  |
| 1.3.2.                                     | PAXLST .....                                                                                  | 5  |
| 1.3.3.                                     | ERIRSP .....                                                                                  | 5  |
| 1.3.4.                                     | BERMAN .....                                                                                  | 5  |
| 2.                                         | PART II: CODES AND REFERENCES .....                                                           | 5  |
| 2.1.                                       | Introduction .....                                                                            | 5  |
| 2.2.                                       | Definitions .....                                                                             | 5  |
| 2.3.                                       | Classifications and code descriptions .....                                                   | 7  |
| 2.3.1.                                     | Vessel and Convoy Type (UN Recommendation 28) .....                                           | 8  |
| 2.3.2.                                     | IMO ship identification number (IMO) .....                                                    | 9  |
| 2.3.3.                                     | ENI European navigation identification (unique European vessel number) .....                  | 10 |
| 2.3.4.                                     | Harmonised Commodity Description and Coding System (HS) including Combined Nomenclature ..... | 12 |
| 2.3.5.                                     | Standard goods classification for transport statistics (NST) .....                            | 13 |
| 2.3.6.                                     | International maritime dangerous goods code (IMDG) .....                                      | 14 |
| 2.3.7.                                     | Agreement on Dangerous Goods (ADN) .....                                                      | 15 |
| 2.3.8.                                     | UN country code .....                                                                         | 17 |
| 2.3.9.                                     | UN location code (UN/LOCODE) .....                                                            | 19 |
| 2.3.10.                                    | Fairway section code .....                                                                    | 20 |
| 2.3.11.                                    | Terminal code .....                                                                           | 21 |
| 2.3.12.                                    | Container size and type code .....                                                            | 23 |
| 2.3.13.                                    | Container identification code .....                                                           | 24 |
| 2.3.14.                                    | Package type .....                                                                            | 25 |
| 2.3.15.                                    | Handling instructions .....                                                                   | 26 |
| 2.3.16.                                    | Purpose of call .....                                                                         | 27 |
| 2.3.17.                                    | Nature of cargo .....                                                                         | 29 |
| 2.4.                                       | Location codes .....                                                                          | 30 |
| 2.5.                                       | List of abbreviations .....                                                                   | 30 |
| Appendices: Message Implementation Manuals |                                                                                               |    |
| Appendix 1                                 |                                                                                               |    |
|                                            | (Dangerous) goods reporting (IFTDGN) — ERINOT .....                                           | 33 |

## 1. PART I: MESSAGE IMPLEMENTATION MANUAL CONVENTION

## 1.1 Introduction

These technical specifications define the structure of four messages for electronic ship reporting in inland navigation, based on the United Nations rules for Electronic Data Interchange for Administration, Commerce and Transport (UN/EDIFACT) <sup>(1)</sup> message structure and customised, where required, for the purpose of inland navigation.

In the case that electronic ship reporting in inland navigation is required by national or international law, these technical specifications shall be applied.

<sup>(1)</sup> Abbreviations used in this Annex are explained in the list in section 2.5.

The exact use of the messages, data elements and codes are defined in the Appendices (Message Implementation Manuals) in order to ensure a common understanding and usage of the messages.

The messages are:

1. (Dangerous) goods reporting message (IFTDGN) — ERINOT
2. Passenger and crew lists message (PAXLST)
3. ERINOT response and receipt message (APERAK) — ERIRSP
4. Berth management port notification message (BERMAN)

For sharing of information the use of XML technology is another possibility apart from the UN/EDIFACT standards.

### 1.2. UN/EDIFACT message structure

The message structure is based on ISO 9735.

UN/EDIFACT messages are composed of segments. The structure of a message is described in a branching diagram indicating the position and the mutual relationship of the segments and segment groups.

For each segment data elements are defined: some data elements are combined to form composite data elements. A segment and a data element within a segment are either mandatory (M) or conditional (C). Mandatory segments and/or data elements contain important data for a receiving application and shall be filled with valid data.

Each message starts with two or three segments, the 'interchange header' (UNB) and the 'message header' (UNH). Where required, also the 'service string advice' (UNA) is used as a first segment to define which character sets are used in the message. Each message finishes with the segments 'message trailer' (UNT) and 'interchange trailer' (UNZ). Thus, each message is contained in one interchange, and an interchange contains only one single message.

### 1.3. Introduction to message types

As mentioned in section 1.1, the four message types are:

1. (Dangerous) goods reporting message (IFTDGN) — ERINOT
2. Passenger and crew lists message (PAXLST)
3. ERINOT response and receipt message (APERAK) — ERIRSP
4. Berth management port notification message (BERMAN)

In addition, messages can fulfill the following functions:

- new message (identifier '9');
- modification of message (identifier '5');
- cancellation of message (identifier '1');
- end of voyage (identifier '22');
- interruption of voyage (identifier '150');
- restart of voyage (identifier '151').

#### 1.3.1. ERINOT

The ERI notification message (ERINOT) shall be used for the reporting of voyage related information and of information on dangerous and non-dangerous cargo carried on-board vessels sailing on inland waterways. The ERINOT message is a specific use of the UN/EDIFACT 'International Forwarding and Transport Dangerous Goods Notification (IFTDGN)' message. For the data and codes contained in the message applications based on these message specifications, use has been made of the UN Directory D98B.

The ERINOT message encompasses the following types:

- transport notification from vessel to authority (identifier 'VES'), from ship to shore;
- transport notification from carrier to authority (identifier 'CAR'), from shore to shore;
- passage notification (identifier 'PAS'), from authority to authority.

### 1.3.2. PAXLST

The PAXLST message is based on the UN/EDIFACT message PAXLST. It shall be used for the exchange of data in inland navigation between the captain/skipper or carrier and designated authorities such as customs, immigration, police or terminals falling under the International Ship and Port Facility Security (ISPS) Code, as defined in Regulation (EC) No 725/2004 of the European Parliament and of the Council <sup>(2)</sup>.

The message shall be also used to transfer passenger/crew data from a designated authority in the country of departure to the appropriate authorities in the country of arrival of the means of transport.

### 1.3.3. ERIRSP

The ERI response message (ERIRSP) is derived from the UN/EDIFACT APERAK message. It may be generated by the system of the designated authority. The response to a 'modification' or a 'cancellation' contains information whether or not the 'modification' or 'cancellation' has been processed by the receiving system.

### 1.3.4. BERMAN

The Berth Management (BERMAN) message combines the pre-arrival notification, respectively general declaration, into one single notification which is based on the EDIFACT message BERMAN from the UN/EDIFACT D04B directory.

The BERMAN message shall be sent by vessels sailing on inland waterways before arriving at or departing from a berth or a port and provides information about the time of arrival and the services required to ensure a prompt handling, to support procedures and to facilitate controls.

## 2. PART II: CODES AND REFERENCES

### 2.1. Introduction

Codes and references, as defined in this Part, shall be used in electronic ship reporting for inland navigation. The use of codes and references serves the purpose of unambiguousness: it eliminates the possible misinterpretation and facilitates the translation of messages into other languages.

Therefore the usage of codes and references is mandatory for the data elements indicated in the message implementation manuals. Those codes and references are also available electronically in the European Reference Data Management System (ERDMS) operated by the Commission.

Those codes and references shall be used whenever data is interchanged between various computer applications and between parties using different languages, even beyond the message types in the subject of this Annex.

### 2.2. Definitions

For the purposes of this Annex, the following definitions shall apply.

*Agent* means any person mandated or authorised to act for or to supply information on behalf of the (transport) operator of the vessel.

*Barge* means a vessel that has no propulsion of its own.

*Blue cones* means signals that inland vessels carrying out transport operations involving dangerous substances are required to show pursuant to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN), namely one, two or three blue cones by day and one, two or three blue lights at night.

*Carrier or transport operator* means the person responsible for the carriage of goods, either directly or using a third party.

*Cargo* means any goods, wares, merchandise and articles carried on a ship. So ship carries cargo consisting of one or more consignments (with the necessary equipment) each consisting of one or more goods items.

*Code* means a character string used as an abbreviated means of (a) recording or identifying information (b) to represent or identify information using a specific symbolic form that can be recognised by a computer.

*Common access reference* means a common key to relate all subsequent transfers of data to the same business case or file (Data Element 0068 TDED). The common access reference shall be regarded as a common denominator <sup>(3)</sup> linking through a unique number documents, electronic messages and other communications with the same objective and characteristics.

<sup>(2)</sup> Regulation (EC) No 725/2004 of the European Parliament and of the Council of 31 March 2004 on enhancing ship and port facility security (OJ L 129, 29.4.2004, p. 6).

<sup>(3)</sup> The common denominator means an attribute that is common to all members of a category.

A *consignment* means a separate identifiable number of goods transported from one consignor (port of loading) to one consignee (port of discharge) and identified and specified in one single transport document. A container as equipment shall in this context be seen as a separate identifiable packing unit for which separate bookings are done and as such shall be considered a single consignment.

*Consignee* means the party such as mentioned in the transport document by whom the goods, cargo or containers are to be received.

*Consignor* means the merchant by whom, in whose name or on whose behalf a contract of carriage of goods has been concluded with a carrier or any party by whom, in whose name or on whose behalf the goods are actually delivered to the consignee in relation to the contract of carriage (Synonyms: shipper, cargo sender).

*Container* means an item of equipment for transport purposes with the following characteristics:

1. a permanent character and accordingly strong enough to be suitable for repeated use;
2. specially designed to facilitate the carriage of goods, by one or more modes and means of transport;
3. fitted with devices permitting its ready handling, particularly from one mode of transport to another;
4. so designed as to be easy to fill and to empty.

The term container includes neither vehicles nor conventional packing.

*Dangerous goods* means the following categories, referred to in the relevant international instruments as defined in Directive 2002/59/EC of the European Parliament and of the Council (\*):

- goods classified in the UNDG Code,
- goods classified in the ADN Code,
- goods classified in the IMDG Code,
- dangerous liquid substances listed in the IBC Code,
- liquefied gases listed in the IGC Code,
- solids referred to in Appendix B of the BC Code.

*Data element* means a unit of data which, in a certain context, is considered indivisible and for which the identification, description and value representation has been specified.

*Deadweight tonnage (DWT)* means the maximum displacement of a ship after deduction of the weight of the ship.

*Displacement ton* means a unit for measuring the displacement of ships equal to 35 ft<sup>3</sup>; this is approximately equal to the volume of a long ton (1 016,06 kg) of sea water.

*EDI number* means the electronic address of the sender or receiver of a message (e.g. the sender and receiver of the cargo). This may be an email address, an agreed identifier or e.g. a number of the European Article Numbering Association (EAN number).

*Electronic data interchange (EDI)* means the transfer of structured data by agreed standards from applications on the computer of one party to applications on the computer of another party by electronic means.

*Goods* means movable property, merchandise or wares.

*Goods item* means whole or part of the cargo (consignment) received from the shipper, including any packaging material such as pallets supplied by the shipper.

*Gross tonnage (GRT)* means the measure of the overall size of a vessel determined in accordance with the provisions of the international convention on measurement of vessels, usually expressed in register ton.

*Gross weight* means the weight (mass) of goods including packing, but excluding the carriers equipment expressed in whole kilograms.

*Message implementation manual* means a manual that describes in detail how a certain standard message will be implemented and which segments, data elements, codes and references will be used and how.

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(\*) Directive 2002/59/EC of the European Parliament and of the Council of 27 June 2002 establishing a Community vessel traffic monitoring and information system and repealing Council Directive 93/75/EEC (OJ L 208, 5.8.2002, p. 10).

*Location* means any named geographical place, such as a port, an inland freight terminal, an airport, a container freight station, a terminal or any other place where customs clearance or regular receipt or delivery of goods can take place, with permanent facilities used for goods movements associated with international trade or transport and used frequently for those purposes. The location shall be recognised as such by a competent national body.

*Means of transport* means the type of vehicle used for the transport of goods such as barge, truck, vessel or train.

*Metric ton* means a unit of weight equivalent to 1 000 kg.

*Mode of transport* means a method of transport used for the conveyance of goods e.g. by rail, by road, by sea, by inland waterways.

*Next port of call* means the consecutive place (port of call) where a ship will arrive after having made a voyage. The term is used, by the master only, to indicate the subsequent competent authority in accordance with the applicable regulations.

*Passage point* means a defined distinguishable spot which serves as a marker to determine parts of a voyage of a vessel and triggering a certain action. It may take the form a virtual line perpendicular on the fairway axis running from side to side of the fairway.

*Port of call* means a place where a vessel actually drops anchor, moors or otherwise comes to rest for a certain period of time to execute any necessary operations related to ship, cargo or crew.

*Qualifier* means a data element whose value is expressed as a code that gives specific meaning to the function of another data element or a segment.

*Reference number* means a number that serves to refer to or mention a relation or where applicable a restriction.

*Register ton* means a unit of internal capacity of ships equal to 100 cubic feet (2,8317 m<sup>3</sup>).

*Segment* means a predefined and identified set of functionally related data elements values which are identified by their sequential positions within the set. A segment starts with a segment tag and ends with a segment terminator. It can be a service segment or a user data segment.

*Segment code* means a code which uniquely identifies each segment as specified in a segment directory.

*Shipmaster* means the person on-board of the ship being in command and having the authority to take all decisions pertaining to navigation and ship management. (Synonyms: captain, skipper, boat master).

*Tag* means a unique identifier for a segment or data element.

*Transport notification* means the announcement of an intended voyage of a ship to a competent authority.

*UN/EDIFACT* means the UN rules for Electronic Data Interchange for Administration, Commerce and Transport. They comprise a set of standards, directories and guidelines for the electronic interchange of structured data, and in particular that related to trade in goods or services between independent computerised information systems. Recommended within the framework of the UN, the rules are approved and published by the UNECE in the UN Trade Data Interchange Directory (UNTDID) and are maintained under agreed procedures.

*Vessel traffic services (VTS)* means services as defined in point 2.5 of the Annex to Commission Regulation (EC) No 414/2007 <sup>(3)</sup>.

*Voyage* means the journey of a vessel between the port(s) of loading and the first port of discharge of a consignment.

### 2.3. Classifications and code descriptions

The following classifications shall be used in inland ship reporting:

1. Vessel and convoy type (UN Recommendation 28)
2. IMO ship identification number (IMO)
3. Unique European vessel identification number (ENI)

<sup>(3)</sup> Commission Regulation (EC) No 414/2007 of 13 March 2007 concerning the technical guidelines for the planning, implementation and operational use of river information services (RIS) referred to in Article 5 of Directive 2005/44/EC of the European Parliament and of the Council on harmonised river information services (RIS) on inland waterways in the Community (OJ L 105, 23.4.2007, p. 1).

4. Harmonised Commodity Description and Coding System (HS) including Combined Nomenclature
5. Standard goods classification for transport statistics (NST)
6. International maritime dangerous goods code (IMDG)
7. European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)
8. UN country code
9. UN location code (UN/LOCODE)
10. Fairway section code
11. Terminal code
12. Container size and type code
13. Container identification code
14. Package type code
15. Handling instructions
16. Purpose of call
17. Nature of cargo

In the following, details and remarks on the application of those codes in inland navigation and user guidelines are given.

2.3.1. *Vessel and convoy type (UN Recommendation 28)*

|                       |                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE            | Codes for types of means of transport<br>Annex 2, chapter 2.5: Inland water transport                                                                                   |
| ABBREVIATION          | UN Recommendation 28                                                                                                                                                    |
| ORIGINATING AUTHORITY | UNECE/CEFACT <a href="http://www.unece.org/cefact">http://www.unece.org/cefact</a>                                                                                      |
| LEGAL BASIS           | UN Recommendation 28, ECE/Trade/276; 2001/23                                                                                                                            |
| CURRENT STATUS        | Operational                                                                                                                                                             |
| IMPLEMENTATION DATE   | March 2001                                                                                                                                                              |
| AMENDMENT             | UN/CEFACT 2010 or most current one.                                                                                                                                     |
| STRUCTURE             | 4-digit alphanumeric code:<br><br>1 digit: '1' for maritime navigation, '8' for 'inland navigation'<br><br>2 digits for vessel or convoy<br><br>1 digit for subdivision |

|                               |                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUCCINCT DESCRIPTION          | That recommendation establishes a common code list for the identification of the type of means of transport. It has a particular relevance to transport organisations and providers, customs and other authorities, statistical offices, forwarders, ship-pers, consignees and other parties concerned with transport. |
| LINKED CLASSIFICATIONS        | UN Recommendation No 19                                                                                                                                                                                                                                                                                                |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.unece.org/cefact/recommendations/rec_index.htm">http://www.unece.org/cefact/recommendations/rec_index.htm</a><br>European Reference Data Management Service (ERDMS) operated by the European Commission (EC).                                                                                      |
| LANGUAGES                     | English                                                                                                                                                                                                                                                                                                                |
| ADDRESS OF RESPONSIBLE AGENCY | UNECE                                                                                                                                                                                                                                                                                                                  |
| REMARKS                       | The main set of code values is governed by an international body (UNECE). To ensure harmonisation, one single set of code values representing also additional vessel types may be used by all RIS applications.                                                                                                        |

|                                            |                            |
|--------------------------------------------|----------------------------|
| <i>Example</i>                             |                            |
| 8010                                       | Motor freighter (Inland)   |
| 1500                                       | General cargo vessel (sea) |
| <i>Usage in the implementation manuals</i> | TDT/C228/8179 (convoy)     |
|                                            | EQD(B)/C224/8155 (vessel)  |

### 2.3.2. IMO ship identification number (IMO)

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| FULL TITLE            | IMO ship identification number                           |
| ABBREVIATION          | IMO No                                                   |
| ORIGINATING AUTHORITY | International Maritime Organisation/Lloyds               |
| LEGAL BASIS           | IMO Resolution A.600(15), SOLAS chapter XI, regulation 3 |

|                               |                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------|
| CURRENT STATUS                | Operational                                                                                    |
| IMPLEMENTATION DATE           | —                                                                                              |
| AMENDMENT                     | Updated daily                                                                                  |
| STRUCTURE                     | Lloyd's Register of Shipping (LR) number (seven digits).                                       |
| SUCCINCT DESCRIPTION          | The IMO Resolution aims at assigning a permanent number to each ship for identifying purposes. |
| LINKED CLASSIFICATIONS        | —                                                                                              |
| USAGE                         | For seagoing ships                                                                             |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.ships-register.com">www.ships-register.com</a>                             |
| LANGUAGES                     | English                                                                                        |
| ADDRESS OF RESPONSIBLE AGENCY | International Maritime Organisation<br>4 Albert Embankment<br>London SE1 7SR<br>United Kingdom |

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| <i>Example</i>                              |                                                            |
| Vessel dwt 2774                             | Danchem East 9031624                                       |
| <i>Usage in the implementation manuals.</i> | TDT/C222/8213<br><br>EQD(1)/C237/8260<br><br>SGP/C237/8260 |

### 2.3.3. Unique European vessel identification number (ENI)

|                       |                                              |
|-----------------------|----------------------------------------------|
| FULL TITLE            | Unique European vessel identification number |
| ABBREVIATION          | ENI                                          |
| ORIGINATING AUTHORITY | European Union                               |

|                               |                                                                                                                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LEGAL BASIS                   | Directive (EU) 2016/1629 of the European Parliament and of the Council <sup>(6)</sup> (Article 18, Article 2.18 of Annex V)                                                                                                                                  |
| CURRENT STATUS                | —                                                                                                                                                                                                                                                            |
| IMPLEMENTATION DATE           | —                                                                                                                                                                                                                                                            |
| LIMIT OF OPERATIONAL LIFE     | —                                                                                                                                                                                                                                                            |
| AMENDMENT                     | Continuously                                                                                                                                                                                                                                                 |
| STRUCTURE                     | 8-digit-number                                                                                                                                                                                                                                               |
| SUCCINCT DESCRIPTION          | The unique European vessel identification number aims at assigning a permanent number to each vessel for identifying purposes.                                                                                                                               |
| LINKED CLASSIFICATIONS        | IMO number                                                                                                                                                                                                                                                   |
| USAGE                         | In electronic ship reporting, tracking and tracing and certification of vessels for inland vessels.                                                                                                                                                          |
| MEDIA THROUGH WHICH AVAILABLE | (a) Competent authorities keep a register. Access will be granted to competent authorities of other Member States.<br>(b) European Hull Data Base<br>(c) Contracting States of the Mannheim Convention and other parties based on administrative agreements. |
| LANGUAGES                     | —                                                                                                                                                                                                                                                            |
| ADDRESS OF RESPONSIBLE AGENCY | European Union Member States and the Contracting States of the Mannheim Convention                                                                                                                                                                           |
| REMARK                        | The unique European vessel identification number (ENI) consists of eight Arabic numerals. The first three digits are the code of the assigning competent authority. The next five digits are a serial number.                                                |
| <i>Example</i>                |                                                                                                                                                                                                                                                              |
| 12345678                      |                                                                                                                                                                                                                                                              |

<sup>(6)</sup> Directive (EU) 2016/1629/EC of the European Parliament and of the Council of 14 September 2016 laying down technical requirements for inland waterway vessels, amending Directive 2009/100/EC and repealing Directive 2006/87/EC (OJ L 252, 16.9.2016, p. 118).

|                                            |                                                                  |
|--------------------------------------------|------------------------------------------------------------------|
| <i>Usage in the implementation manuals</i> | TDT, EQD (V1 and V2-V15)<br>CNI/GID and<br>CNI/GID/DGS, Tag 1311 |
|--------------------------------------------|------------------------------------------------------------------|

#### 2.3.4. *Harmonised Commodity Description and Coding System (HS) including Combined Nomenclature*

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE             | Harmonised commodity description and coding system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ABBREVIATION           | HS; Harmonised System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORIGINATING AUTHORITY  | World Customs Organisation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEGAL BASIS            | International Convention on the Harmonised Commodity Description and Coding System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CURRENT STATUS         | Operational                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| IMPLEMENTATION DATE    | 1 January 2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| AMENDMENT              | In principle revised every five years. The latest version to be used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| STRUCTURE              | <p>7 466 headings, organised in four hierarchical levels</p> <p>Level 1: sections coded by Roman numerals (I to XXI)</p> <p>Level 2 chapters identified by two-digit numerical codes</p> <p>Level 3: headings identified by four-digit numerical codes</p> <p>Level 4: subheadings identified by six-digit numerical code</p>                                                                                                                                                                                                                                                                                                                  |
| SUCCINCT DESCRIPTION   | <p>HS convention is a classification of goods by criteria based on raw material and the stage of production of commodities. HS is the heart of the whole process of harmonisation of international economic classifications being jointly conducted by the United Nations Statistics Division and Eurostat. Its items and sub-items are the fundamental terms on which industrial goods are identified in product classifications. Objectives: to harmonise (a) external trade classifications to guarantee direct correspondence; and (b) countries external trade statistics and to guarantee that those are comparable internationally.</p> |
| LINKED CLASSIFICATIONS | <p>Harmonised System (HS): full agreement on six-digit-level; Combined Nomenclature (CN)</p> <p>NST on 3-digit level</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                               |                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USAGE                         | Products                                                                                                                                                                                        |
| MEDIA THROUGH WHICH AVAILABLE | World Customs Organisation<br>Rue de l'Industrie, 26-39<br>1040 Brussels,<br>BELGIUM<br>www.wcoomd.org<br>Customs Cooperation Council, Brussels                                                 |
| LANGUAGES                     | All European Union official languages                                                                                                                                                           |
| ADDRESS OF RESPONSIBLE AGENCY | A subset of the codes used for electronic reporting will be maintained through the ERI Expert Group.<br>European Reference Data Management Service (ERDMS) operated by the European Commission. |
| REMARKS                       | The HS classification is further subdivided at European Union level into a classification called Combined Nomenclature (CN)                                                                     |

|                                            |                                                      |
|--------------------------------------------|------------------------------------------------------|
| <i>Example</i>                             |                                                      |
| 730110                                     | Sheet piling of iron or steel                        |
| 310210                                     | Mineral or chemical fertilisers, ammonium sulphate   |
| <i>Usage in the implementation manuals</i> | CNI/GID/FTX(1)/C108/4440<br>CNI/GID/FTX(2)/C108/4440 |

### 2.3.5. Standard goods classification for transport statistics (NST)

|                       |                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE            | Nomenclature uniforme de marchandises pour les statistiques de transport/Standard goods classification for transport statistics/revised |
| ABBREVIATION          | NST 2007                                                                                                                                |
| ORIGINATING AUTHORITY | European Commission (Statistical Office/Eurostat)                                                                                       |
| LEGAL BASIS           | Commission Regulation (EC) No 1304/2007 <sup>(7)</sup>                                                                                  |

<sup>(7)</sup> Commission Regulation (EC) No 1304/2007 of 7 November 2007 amending Council Directive 95/64/EC, Council Regulation (EC) No 1172/98, Regulations (EC) No 91/2003 and (EC) No 1365/2006 of the European Parliament and of the Council with respect to the establishment of NST 2007 as the unique classification for transported goods in certain transport modes (OJ L 290, 8.11.2007, p. 14).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CURRENT STATUS                | —                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| IMPLEMENTATION DATE           | 1 January 2007                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| AMENDMENT                     | Regularly every two years. The latest version to be used                                                                                                                                                                                                                                                                                                                                                                                               |
| STRUCTURE                     | 2 digit NST 2007<br>Level 1: a 2-digit CPA subdivision                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUCCINCT DESCRIPTION          | Commodity Classification for Transport Statistics in Europe (CSTE)                                                                                                                                                                                                                                                                                                                                                                                     |
| LINKED CLASSIFICATIONS        | Harmonised commodity description and coding system (HS)<br>Combined Nomenclature (CN)                                                                                                                                                                                                                                                                                                                                                                  |
| USAGE                         | Products                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM_DTL&amp;StrNom=NST_2007&amp;StrLanguageCode=EN&amp;IntPcKey=&amp;StrLayoutCode=HIERARCHIC">http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM_DTL&amp;StrNom=NST_2007&amp;StrLanguageCode=EN&amp;IntPcKey=&amp;StrLayoutCode=HIERARCHIC</a><br>European Reference Data Management Service (ERDMS) operated by the European Commission. |
| LANGUAGES                     | All European Union official languages                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ADDRESS OF RESPONSIBLE AGENCY | Statistical Office of the European Communities Eurostat)<br>Unit C2 Bâtiment BECH A3/112<br>2920 Luxembourg, LUXEMBOURG                                                                                                                                                                                                                                                                                                                                |
| REMARKS                       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

#### 2.3.6. *International maritime dangerous goods code (IMDG)*

|                       |                                             |
|-----------------------|---------------------------------------------|
| FULL TITLE            | International maritime dangerous goods code |
| ABBREVIATION          | IMDG code                                   |
| ORIGINATING AUTHORITY | International Maritime Organisation IMO     |
| LEGAL BASIS           | —                                           |
| CURRENT STATUS        | Operational                                 |
| IMPLEMENTATION DATE   | 18 May 1965                                 |

|                               |                                                                                                                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AMENDMENT                     | 1 January 2001 (30th amendment) approximately every 2 years                                                                                                                                                              |
| STRUCTURE                     | 2-digit numerical code:<br><br>1-digit numerical for class<br><br>1-digit numerical for division                                                                                                                         |
| SUCCINCT DESCRIPTION          | The IMDG code governs the vast majority of shipments of hazardous material by water. The code is recommended to governments for adoption as the basis for national regulations in conjunction with the SOLAS convention. |
| LINKED CLASSIFICATIONS        | The code is based on the UN Recommendations on the transport of dangerous goods (UNDG)                                                                                                                                   |
| USAGE                         | Maritime transport of dangerous and harmful goods                                                                                                                                                                        |
| MEDIA THROUGH WHICH AVAILABLE | www.imo.org<br>European Reference Data Management Service (ERDMS) operated by the European Commission. (Included in the ADN table)                                                                                       |
| LANGUAGES                     | Dutch, English, French, German                                                                                                                                                                                           |
| ADDRESS OF RESPONSIBLE AGENCY | International Maritime Organisation<br>4 Albert Embankment<br>London SE1 7SR<br>UNITED KINGDOM                                                                                                                           |
| REMARKS                       | For inland shipping the IMO code may be used as this code is often already known, where necessary an ADN corresponding with the IMDG code shall be inserted                                                              |

|                                            |                                                     |
|--------------------------------------------|-----------------------------------------------------|
| <i>Example</i>                             |                                                     |
| 32                                         | Flammable liquid, not otherwise specified (Ethanol) |
| <i>Usage in the implementation manuals</i> | CNI/GID/DGS/C205/8351                               |

### 2.3.7. Agreement on Dangerous Goods (ADN)

|            |                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------|
| FULL TITLE | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) |
|------------|-------------------------------------------------------------------------------------------------------|

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABBREVIATION           | ADN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ORIGINATING AUTHORITY  | UN Economic Commission for Europe<br>(English, French and Russian version of ADN)<br>Central Commission for the Navigation of the Rhine (German version of ADN)                                                                                                                                                                                                                                                                                                                                                                          |
| LEGAL BASIS            | Directive 2008/68/EC of the European Parliament and of the Council <sup>(8)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CURRENT STATUS         | Operational                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| IMPLEMENTATION DATE    | Operational                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| AMENDMENT              | Regularly every two years as indicated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| STRUCTURE              | <p>For goods on dry cargo vessel:</p> <ul style="list-style-type: none"> <li>— UN number</li> <li>— Name of the substance (in accordance with table A of part 3 of ADN)</li> <li>— Class</li> <li>— Danger classification code</li> <li>— Packing group</li> <li>— Hazard Identification placard (label)</li> </ul> <p>For goods on tank vessels:</p> <ul style="list-style-type: none"> <li>— UN number</li> <li>— Name of substance (in accordance with table C of part 3 of ADN)</li> <li>— Class</li> <li>— Packing group</li> </ul> |
| SUCCINCT DESCRIPTION   | The ADN, the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways which will replace the various regional agreements.                                                                                                                                                                                                                                                                                                                                                                         |
| LINKED CLASSIFICATIONS | ADN, ADR, RID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| USAGE                  | Transport of dangerous goods in inland navigation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

<sup>(8)</sup> Directive 2008/68/EC of the European Parliament and of the Council on the inland transport of dangerous goods (OJ L 260, 30.9.2008, p. 13).

|                               |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEDIA THROUGH WHICH AVAILABLE | <a href="https://www.unece.org/trans/danger/publi/adn/adn_e.html">https://www.unece.org/trans/danger/publi/adn/adn_e.html</a><br><a href="http://www.ccr-zkr.org">www.ccr-zkr.org</a><br><a href="http://www.danubecommission.org/">http://www.danubecommission.org/</a><br>European Reference Data Management Service (ERDMS) operated by the European Commission. |
| LANGUAGES                     | English, French, German                                                                                                                                                                                                                                                                                                                                             |
| ADDRESS OF RESPONSIBLE AGENCY | UN Economic Commission for Europe, Palais des Nations, CH-1211 Geneva 10, SWITZERLAND<br>Central Commission for the Navigation of the Rhine, 2, Place de la Republique, 67082 Strasbourg Cedex, FRANCE                                                                                                                                                              |
| REMARKS                       | The provisions of the European Agreement concerning the international carriage of dangerous goods by inland waterways (ADN) are applicable on all European waterways (including the Rhine and the Danube). The 2017 edition of ADR/RID/ADN is harmonised with the 20th revised edition of the UN Model Regulations and has entered into force on 1 January 2017.    |

|                                            |                       |
|--------------------------------------------|-----------------------|
| <i>Example</i>                             |                       |
| for dry cargo vessel:                      | for tank vessel:      |
| 1203; petrol; 3; F1; III; 3                | 1203; petrol; 3; III; |
| <i>Usage in the implementation manuals</i> | CNI/GID/DGS/C205/8078 |

#### 2.3.8. UN country code

|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| FULL TITLE            | International standard codes for the representation of the names of countries |
| ABBREVIATION          | ISO 3166-1                                                                    |
| ORIGINATING AUTHORITY | International Organisation for Standardisation (ISO)                          |
| LEGAL BASIS           | UN Recommendation 3 (codes for the representation of the names of countries)  |
| CURRENT STATUS        | Operational                                                                   |
| IMPLEMENTATION DATE   | 1974                                                                          |

|                               |                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AMENDMENT                     | As per ISO 3166-1                                                                                                                                                                                                 |
| STRUCTURE                     | Two-letter-alpha code (to be used in principle)<br><br>Three-digit numeric code (alternatively)                                                                                                                   |
| SUCCINCT DESCRIPTION          | ISO provides a unique two-letter code for each country listed, as well as a three-digit numeric code which is intended as an alternative for all applications that need to be independent of the alphabet.        |
| LINKED CLASSIFICATIONS        | UN/LOCODE                                                                                                                                                                                                         |
| USAGE                         | This code is used as one element in the combined location code in chapter 2.4 of this Annex.                                                                                                                      |
| MEDIA THROUGH WHICH AVAILABLE | UNECE<br><a href="http://www.unece.org/cefact/locode/welcome.html">http://www.unece.org/cefact/locode/welcome.html</a><br>European Reference Data Management Service (ERDMS) operated by the European Commission. |
| LANGUAGES                     | English                                                                                                                                                                                                           |
| ADDRESS OF RESPONSIBLE AGENCY | <a href="http://www.unece.org/cefact">http://www.unece.org/cefact</a>                                                                                                                                             |
| REMARKS                       | See chapter 2.4 of this Annex for the combination of the alpha country code with the location code.                                                                                                               |

|                                            |                                                                                                                     |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <i>Example</i>                             |                                                                                                                     |
| BE                                         | Belgium                                                                                                             |
| <i>Usage in the implementation manuals</i> | ERINOT Message:<br><br>TDT/C222/8453<br><br>NAD(1)/3207<br><br>NAD(2)/3207<br><br>ERIRSP Message<br><br>NAD(1)/3207 |

## 2.3.9. UN location code (UN/LOCODE)

|                               |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE                    | UN code for trade and transport locations                                                                                                                                                                                                                                                                                                                             |
| ABBREVIATION                  | UN/LOCODE                                                                                                                                                                                                                                                                                                                                                             |
| ORIGINATING AUTHORITY         | UNECE/CEFACT                                                                                                                                                                                                                                                                                                                                                          |
| LEGAL BASIS                   | UNECE Recommendation 16                                                                                                                                                                                                                                                                                                                                               |
| CURRENT STATUS                | Operational                                                                                                                                                                                                                                                                                                                                                           |
| IMPLEMENTATION DATE           | 1980                                                                                                                                                                                                                                                                                                                                                                  |
| AMENDMENT                     | 2018-2 (December 2018)                                                                                                                                                                                                                                                                                                                                                |
| STRUCTURE                     | <p>ISO 3166-1 country code (alpha 2-digit) followed by a space and a 3-digit-alpha code for the place names (5 digits)</p> <p>Place name (a..29)</p> <p>Subdivision ISO 3166-2, optional (a..3)</p> <p>Function, mandatory (an..5)</p> <p>Remarks, optional (an..45)</p> <p>Geographical coordinates (000N 0000 W, 000 S 00000 E)</p>                                 |
| SUCCINCT DESCRIPTION          | UN recommends a five-letter alphabetic code for abbreviating the names of locations of interest to international trade, such as ports, airports, inland freight terminals, and other locations where customs clearance of goods can take place, and whose names need to be represented unambiguously in data interchange between participants in international trade. |
| LINKED CLASSIFICATIONS        | UN country code                                                                                                                                                                                                                                                                                                                                                       |
| USAGE                         | This code is used as one element in the combined location code in chapter 2.4 of this Annex.                                                                                                                                                                                                                                                                          |
| MEDIA THROUGH WHICH AVAILABLE | <p><a href="http://www.unece.org/cefact/locode/welcome.html">http://www.unece.org/cefact/locode/welcome.html</a></p> <p>European Reference Data Management Service (ERDMS) operated by the European Commission.</p>                                                                                                                                                   |

|                               |                                     |
|-------------------------------|-------------------------------------|
| LANGUAGES                     | English                             |
| ADDRESS OF RESPONSIBLE AGENCY | UNECE                               |
| REMARKS                       | See also chapter 2.4 of this Annex. |

|                                            |                                                     |
|--------------------------------------------|-----------------------------------------------------|
| <i>Example</i>                             |                                                     |
| BEBRU                                      | Belgium Brussels                                    |
| <i>Usage in the implementation manuals</i> | TDT/LOC (1..9)/C517/3225<br>CNI/LOC(1..2)/C517/3225 |

#### 2.3.10. Fairway section code

|                        |                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE             | Fairway section code                                                                                                                                                                                                                                    |
| ABBREVIATION           |                                                                                                                                                                                                                                                         |
| ORIGINATING AUTHORITY  | National administrations of waterways                                                                                                                                                                                                                   |
| LEGAL BASIS            | —                                                                                                                                                                                                                                                       |
| CURRENT STATUS         | operational                                                                                                                                                                                                                                             |
| IMPLEMENTATION DATE    | —                                                                                                                                                                                                                                                       |
| AMENDMENT              | —                                                                                                                                                                                                                                                       |
| STRUCTURE              | 5-digit numerical code                                                                                                                                                                                                                                  |
| SUCCINCT DESCRIPTION   | The waterway network is divided into sections. These may be whole rivers and canals over several 100 km or small sections. The position of a location inside a section may be given by hectometre or by the name (code) of a terminal or passage point. |
| LINKED CLASSIFICATIONS | UN/LOCODE                                                                                                                                                                                                                                               |

|                               |                                                                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| USAGE                         | Numbering of the waterways in a national network. This code is used as one element in the combined location code in chapter 2.4 of this Annex. |
| MEDIA THROUGH WHICH AVAILABLE | European Reference Data Management Service (ERDMS) operated by the European Commission                                                         |
| LANGUAGES                     | —                                                                                                                                              |
| ADDRESS OF RESPONSIBLE AGENCY | National administrations of waterways                                                                                                          |
| REMARKS                       | See also Chapter 2.4 of this Annex.                                                                                                            |

|                                            |                                                                                                      |
|--------------------------------------------|------------------------------------------------------------------------------------------------------|
| <i>Example</i>                             |                                                                                                      |
| 03937                                      | Rhein, Rüdesheimer Fahrwasser                                                                        |
| 02552                                      | Oude Maas at Dordrecht                                                                               |
| <i>Usage in the implementation manuals</i> | TDT/LOC/C517/3225<br>CNI/LOC/C517/3225                                                               |
| <i>See:</i>                                | See this document and implementation manuals<br>Definition of the revised location and terminal code |
| <i>Remark 1:</i>                           | If there is no fairway code available, the field shall be filled in with zeros.                      |
| <i>Remark 2:</i>                           | See also Chapter 2.4 of this Annex.                                                                  |

#### 2.3.11. Terminal code

|                   |                                                   |
|-------------------|---------------------------------------------------|
| FULL TITLE        | Terminal code                                     |
| ABBREVIATION FROM | —                                                 |
| ORIGINATING FROM  | National waterway authorities or user communities |
| LEGAL BASIS       | —                                                 |

|                                               |                                                                                                                                                                                                                                                        |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CURRENT STATUS                                | Version 2, April 2000                                                                                                                                                                                                                                  |
| IMPLEMENTATION DATE                           | —                                                                                                                                                                                                                                                      |
| AMENDMENT                                     | Regularly                                                                                                                                                                                                                                              |
| STRUCTURE                                     | Type of terminal (1-digit numeric) number of terminal (5-digit alphanumeric)                                                                                                                                                                           |
| SUCCINCT DESCRIPTION                          | A further specification of the location of a terminal within the location of the port in the country.                                                                                                                                                  |
| LINKED CLASSIFICATIONS                        | UN/LOCODE                                                                                                                                                                                                                                              |
| USAGE                                         | This code is used as one element in the combined location code in chapter 2.4 of this Annex.                                                                                                                                                           |
| MEDIA THROUGH WHICH AVAILABLE                 | European Reference Data Management Service (ERDMS) operated by the European Commission.                                                                                                                                                                |
| LANGUAGES                                     | —                                                                                                                                                                                                                                                      |
| ADDRESS OF RESPONSIBLE AGENCY                 | National administrations of waterways or respective user communities.                                                                                                                                                                                  |
| REMARKS                                       | It is of the utmost importance that maintenance of the codes is done in such way that maximum stability and consistency is achieved to ensure that no changes are necessary apart from additions and deletions.<br>See also chapter 2.4 of this Annex. |
| <i>Example</i>                                |                                                                                                                                                                                                                                                        |
| LEUVE                                         | Leuvehaven at Rotterdam, NL                                                                                                                                                                                                                            |
| <i>Usage in the implementation guidelines</i> | TDT/LOC/C517/3225<br><br>CNI/LOC/C517/3225                                                                                                                                                                                                             |
| <i>See:</i>                                   | Implementation manuals and this document<br><br>Definition of the revised location and terminal code                                                                                                                                                   |
| <i>Remark 1:</i>                              | If there is no terminal code available, the field shall be filled in with zeros                                                                                                                                                                        |

Remark 2:

Each national RIS-authority will be responsible for its own data.

### 2.3.12. Container size and type code

|                               |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE                    | Freight containers — coding, identification and marking                                                                                                                                                                                                                                                           |
| ABBREVIATION                  | —                                                                                                                                                                                                                                                                                                                 |
| ORIGINATING AUTHORITY         | International Organisation for Standardisation (ISO)                                                                                                                                                                                                                                                              |
| LEGAL BASIS                   | ISO 6346, chapter 4 and annexes D and E                                                                                                                                                                                                                                                                           |
| CURRENT STATUS                | Operational                                                                                                                                                                                                                                                                                                       |
| IMPLEMENTATION DATE           | —                                                                                                                                                                                                                                                                                                                 |
| AMENDMENT                     | 3rd edition 1 December 1995                                                                                                                                                                                                                                                                                       |
| STRUCTURE                     | Container size: two alphanumeric characters(first for length, second for combination of height and width)<br><br>Container type: two alphanumeric characters                                                                                                                                                      |
| SUCCINCT DESCRIPTION          | Size and type codes established for each sort of containers                                                                                                                                                                                                                                                       |
| LINKED CLASSIFICATIONS        | ISO 6346 coding identification and marking                                                                                                                                                                                                                                                                        |
| USAGE                         | Whenever known and indicated in the commercial exchange of information                                                                                                                                                                                                                                            |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.iso.ch/iso/en">www.iso.ch/iso/en</a><br>European Reference Data Management Service (ERDMS) operated by the European Commission.                                                                                                                                                               |
| LANGUAGES                     | English                                                                                                                                                                                                                                                                                                           |
| ADDRESS OF RESPONSIBLE AGENCY | —                                                                                                                                                                                                                                                                                                                 |
| REMARKS                       | The size type codes are displayed on the containers and as such shall be used in the electronic reporting whenever available from other exchanged information e.g. during the booking. Size type codes shall be used as a whole i.e. the information shall not be broken into its component parts (ISO 6346:1995) |

|                                            |                                                   |
|--------------------------------------------|---------------------------------------------------|
| <i>Example</i>                             |                                                   |
| 42                                         | Length: 40 ft.; height: 8 ft. 6 in.; width: 8 ft. |
| <i>Example for type</i>                    |                                                   |
| GP                                         | General purpose container                         |
| BU                                         | Dry bulk container                                |
| <i>Usage in the implementation manuals</i> | Where appropriate EQD segment                     |

### 2.3.13. Container identification code

|                        |                                                                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE             | Freight containers — coding, identification and marking                                                                                                                                                                    |
| ABBREVIATION           | —                                                                                                                                                                                                                          |
| ORIGINATING AUTHORITY  | International Organisation for Standardisation                                                                                                                                                                             |
| LEGAL BASIS            | ISO 6346, chapter 3, Annex A                                                                                                                                                                                               |
| CURRENT STATUS         | Implemented throughout the world on all freight containers                                                                                                                                                                 |
| IMPLEMENTATION DATE    | 1995                                                                                                                                                                                                                       |
| AMENDMENT              | —                                                                                                                                                                                                                          |
| STRUCTURE              | Owner code: Three letters<br><br>Equipment category identifier: one letter<br><br>Serial number: six numerals<br><br>Check digit: one numeral                                                                              |
| SUCCINCT DESCRIPTION   | The identification system is intended for general application, for example in documentation, control and communications (including automatic data processing systems), as well as for display on the containers themselves |
| LINKED CLASSIFICATIONS | ISO 668, ISO 1496, ISO 8323                                                                                                                                                                                                |
| USAGE                  | —                                                                                                                                                                                                                          |

|                               |                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.iso.ch/iso/en">www.iso.ch/iso/en</a>                                                                                               |
| LANGUAGES                     | English                                                                                                                                                |
| ADDRESS OF RESPONSIBLE AGENCY | Bureau International des Conteneurs (BIC), 167 rue de Courcelles, 75017 Paris, France, <a href="http://www.bic-code.org/">http://www.bic-code.org/</a> |
| REMARKS                       | —                                                                                                                                                      |

|                                            |                                                                                       |
|--------------------------------------------|---------------------------------------------------------------------------------------|
| <i>Example</i>                             |                                                                                       |
| KNLU4713308                                | NEDLLOYD maritime freight container with serial number 471330, (8 is the check digit) |
| <i>Usage in the implementation manuals</i> | CNI/GID/DGS/SGP/C237/8260                                                             |

#### 2.3.14. Package type

|                       |                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE            | Codes for types of packages and packing materials                                                                                                                          |
| ABBREVIATION          | UNECE Recommendation 21                                                                                                                                                    |
| ORIGINATING AUTHORITY | UN/CEFACT                                                                                                                                                                  |
| LEGAL BASIS           | —                                                                                                                                                                          |
| CURRENT STATUS        | operational                                                                                                                                                                |
| IMPLEMENTATION DATE   | August 1994 (ECE/TRADE/195)                                                                                                                                                |
| AMENDMENT             | Trade/CEFACT/2002/24                                                                                                                                                       |
| STRUCTURE             | 2-character alphanumeric code value<br><br>Code-value name<br><br>2-digit numeric code value description                                                                   |
| SUCCINCT DESCRIPTION  | A numeric code system to describe the appearance of goods as presented for transport to facilitate identification, recording, handling, and establishing handling tariffs. |

|                               |                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| LINKED CLASSIFICATIONS        | —                                                                                                                                                         |
| USAGE                         | —                                                                                                                                                         |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.unece.org/cefact">www.unece.org/cefact</a><br>European Reference Data Management Service (ERDMS) operated by the European Commission. |
| LANGUAGES                     | English, French, German                                                                                                                                   |
| ADDRESS OF RESPONSIBLE AGENCY | —                                                                                                                                                         |
| REMARKS                       | The numeric code value is not used in this standard                                                                                                       |

|                                            |                   |
|--------------------------------------------|-------------------|
| <i>Example</i>                             |                   |
| BG                                         | Bag               |
| BX                                         | Box               |
| <i>Usage in the implementation manuals</i> | CNI/GID/C213/7065 |

#### 2.3.15. Handling instructions

|                       |                                       |
|-----------------------|---------------------------------------|
| FULL TITLE            | Handling instruction description code |
| ABBREVIATION          | UN/EDIFACT data element 4079          |
| ORIGINATING AUTHORITY | UN CEFAC                              |
| LEGAL BASIS           | —                                     |
| CURRENT STATUS        | Operational                           |
| IMPLEMENTATION DATE   | 25 July 2005                          |
| AMENDMENT             | Trade/CEFACT/2005/                    |

|                               |                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STRUCTURE                     | Repr: an..3<br><br>Code-value name<br><br>3-digit alpha code value description                                                                                            |
| SUCCINCT DESCRIPTION          | An alpha code system to describe handling instructions for the tasks to be executed in a port to facilitate the handling of the vessel and establishing handling tariffs. |
| LINKED CLASSIFICATIONS        | —                                                                                                                                                                         |
| USAGE                         | un/edifact messages                                                                                                                                                       |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.unece.org/cefact">www.unece.org/cefact</a>                                                                                                            |
| LANGUAGES                     | English                                                                                                                                                                   |
| ADDRESS OF RESPONSIBLE AGENCY | —                                                                                                                                                                         |
| REMARKS                       | The numeric code value is not used in this standard                                                                                                                       |

|                                            |                   |
|--------------------------------------------|-------------------|
| <i>Example</i>                             |                   |
| LOA                                        | Loading           |
| DIS                                        | Discharge         |
| RES                                        | Re-stow           |
| <i>Usage in the implementation manuals</i> | LOC/HAN/C524/4079 |

#### 2.3.16. Purpose of call

|                       |                                          |
|-----------------------|------------------------------------------|
| FULL TITLE            | Conveyance call purpose description code |
| ABBREVIATION          | POC C525                                 |
| ORIGINATING AUTHORITY | UN CEFAC                                 |

|                               |                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|
| LEGAL BASIS                   | —                                                                                                                  |
| CURRENT STATUS                | Operational                                                                                                        |
| IMPLEMENTATION DATE           | 25 July 2005                                                                                                       |
| AMENDMENT                     | Trade/CEFACT/2005                                                                                                  |
| STRUCTURE                     | Repr an..3<br><br>2-character numeric code value<br><br>Code-value name                                            |
| SUCCINCT DESCRIPTION          | A numeric code system to describe the purpose of the call of the vessel to facilitate identification and recording |
| LINKED CLASSIFICATIONS        | HAN                                                                                                                |
| USAGE                         | edifact messages                                                                                                   |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.unece.org/cefact">www.unece.org/cefact</a>                                                     |
| LANGUAGES                     | English                                                                                                            |
| ADDRESS OF RESPONSIBLE AGENCY | —                                                                                                                  |
| REMARKS                       | The numeric code value is used in this standard                                                                    |

|                                            |                   |
|--------------------------------------------|-------------------|
| <i>Example</i>                             |                   |
| 1                                          | Cargo operations  |
| 23                                         | Waste disposal    |
| <i>Usage in the implementation manuals</i> | TSR/POC/C525/8025 |

2.3.17. *Nature of cargo*

|                               |                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FULL TITLE                    | Cargo type classification code                                                                                                                                     |
| ABBREVIATION                  | UN/EDIFACT 7085 cargo type                                                                                                                                         |
| ORIGINATING AUTHORITY         | UN CEFAC                                                                                                                                                           |
| LEGAL BASIS                   | —                                                                                                                                                                  |
| CURRENT STATUS                | Operational                                                                                                                                                        |
| IMPLEMENTATION DATE           | 25 July 2005                                                                                                                                                       |
| AMENDMENT                     | Trade/CEFACT/2005                                                                                                                                                  |
| STRUCTURE                     | an..3<br><br>2-character numeric code value<br><br>Code-value name<br><br>2-digit numeric code value description                                                   |
| SUCCINCT DESCRIPTION          | A numeric code system to specify the classification of a type of cargo as transported to facilitate identification, recording, handling, and establishing tariffs. |
| LINKED CLASSIFICATIONS        | HAN                                                                                                                                                                |
| USAGE                         | edifact messages                                                                                                                                                   |
| MEDIA THROUGH WHICH AVAILABLE | <a href="http://www.unece.org/cefact">www.unece.org/cefact</a>                                                                                                     |
| LANGUAGES                     | English                                                                                                                                                            |
| ADDRESS OF RESPONSIBLE AGENCY | —                                                                                                                                                                  |
| REMARKS                       | The numeric code value is used in these technical specifications                                                                                                   |

|                                            |                         |
|--------------------------------------------|-------------------------|
| <i>Example</i>                             |                         |
| 5                                          | Other non-containerised |
| 30                                         | Cargo in bulk           |
| <i>Usage in the implementation manuals</i> | TSR/LOC/HAN/C703/7085   |

#### 2.4. Location codes

The ISRS Location Code is defined in Implementing Regulation (EU) 2018/2032.

#### 2.5. List of abbreviations

| Abbreviations | Description                                                                                                                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADN           | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods) |
| ADR           | European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)                                                                                                                                            |
| BERMAN        | Berth management (EDI message)                                                                                                                                                                                                       |
| CCNR          | Central Commission for the Navigation of the Rhine                                                                                                                                                                                   |
| DWT           | Dead weight                                                                                                                                                                                                                          |
| EDI           | Electronic data interchange                                                                                                                                                                                                          |
| ENI           | Unique European vessel identification number                                                                                                                                                                                         |
| ERDMS         | European Reference Data Management Service                                                                                                                                                                                           |
| ERI           | Electronic reporting international                                                                                                                                                                                                   |
| ERINOT        | ERI notification (message)                                                                                                                                                                                                           |
| ERIRSP        | ERI response (message)                                                                                                                                                                                                               |
| ETA           | Estimated time of arrival                                                                                                                                                                                                            |
| ETD           | Estimated time of departure                                                                                                                                                                                                          |
| HS Code       | Harmonised commodity description and coding system of WCO                                                                                                                                                                            |

| Abbreviations | Description                                                                                             |
|---------------|---------------------------------------------------------------------------------------------------------|
| IFTDGN        | International forwarding and transport dangerous goods notification (message)                           |
| IMDG          | International maritime dangerous goods code (number)                                                    |
| IMO           | International Maritime Organisation                                                                     |
| IMO-FAL       | Convention on the Facilitation of International Maritime Traffic, 1965, with amendments                 |
| ISO           | International Standardisation Organisation                                                              |
| ISPS          | International ship and port facility security (code)                                                    |
| LOCODE        | UNECE location code for ports and freight stations                                                      |
| NST 2007      | Standard goods classification for transport statistics (to be used from 2007 onwards)                   |
| PAXLST        | Passenger list (message)                                                                                |
| PROTECT       | International Organisation of North Europeans Ports dealing with dangerous goods message implementation |
| RID           | Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID)                      |
| RIS           | River information services                                                                              |
| SOLAS         | Safety of Lives at Sea IMO Convention                                                                   |
| TARIC         | Integrated Tariff of the European Communities                                                           |
| UN/CEFACT     | UN Centre for Trade Facilitation and Electronic Business                                                |
| UNECE         | United Nations Economic Commission for Europe                                                           |
| UN/EDIFACT    | Electronic data interchange for administration, commerce and transport                                  |
| UN/LOCODE     | United Nations location code                                                                            |
| UNDG          | United Nations dangerous goods (number)                                                                 |
| UNTDID        | United Nations trade data interchange directory                                                         |

| Abbreviations | Description                                   |
|---------------|-----------------------------------------------|
| URL           | Uniform resource allocator (Internet address) |
| VTM           | Vessel traffic management                     |
| WCO           | World Customs Organisation                    |
| XML           | Extended markup language                      |

*Appendix 1***(Dangerous) Goods Reporting (IFTDGN) — ERINOT****1. ERI NOTIFICATION MESSAGE**

The ERI notification message (ERINOT) is a specific use of the UN/EDIFACT 'International Forwarding and Transport Dangerous Goods Notification (IFTDGN)' message as it has been developed within the PROTECT organisation. The ERINOT message is based on EDIFACT directory 98.B and Protect version 1.0.

The segment table of ERINOT message is depicted in chapter 1.4. The branching diagram of the ERINOT message is depicted in chapter 1.5

To ensure the usage of the message also under special circumstances such as a convoy of ships, some extra qualifiers have been introduced for the RFF segments in the TDT group.

**1.1 Field of application**

The ERI notification message (ERINOT) shall be used by skippers and on behalf of skippers by transport operators and agents for the reporting of dangerous and non-dangerous cargo carried by inland waterway vessels.

The message supports the implementation — by means of EDI — of the following reporting needs:

- applicable police regulations either on Member States level or locally (eg. specific requirements in specific ports);
- reporting requirements set by river commissions (eg. on the Rhine set by CCNR);
- goods reporting for statistics purposes (Member States level or Eurostat).

**1.2 Principles**

The ERINOT message is a specific standard implementation and use of the UN/EDIFACT 'International Forwarding and Transport Dangerous Goods Notification (IFTDGN)' message such as has been developed within the PROTECT seaports organisation.

This standard message implementation guideline has been accepted by the IMO for the reporting of dangerous goods to authorities. It has been designated as the message from the party responsible to report 'dangerous' goods to the authority performing the control and checks on conformance with the legal requirements. The message is conveying information on the 'dangerous' goods being loaded, discharged or in transit relating to a means of transport.

Where reporting is mandatory and if technically feasible, an ERI notification message is to be composed and sent to the competent authority for each inland waterway transport.

However all vessels are invited to report electronically to the competent authorities whenever possible. Where available, this may be done through a Single Window <sup>(1)</sup> to come to the envisioned reduction of procedures.

The notification message based on this standard message can be depicted as follows:

'ERI (Electronic Reporting International) Notification Message' with the following types:

- transport notification from vessel to authority from ship to shore;
- transport notification from carrier to authority from shore to shore;
- passage notification from authority to authority.

**1.3 Segment index (alphabetical sequence by tag)**

BGM Beginning of message

CNI Consignment information

COM Communication contact

CTA Contact information

---

<sup>(1)</sup> UN/CEFACT Recommendation No 33, Recommendation and Guidelines on establishing a Single Window

DGS Dangerous goods  
 DTM Date/time/period  
 EQD Equipment details  
 FTX Free text  
 GID Goods item details  
 HAN Handling instructions  
 LOC Place/location identification  
 MEA Measurements  
 NAD Name and address  
 RFF Reference  
 SGP Split goods placement  
 TDT Details of transport  
 UNH Message header  
 UNT Message trailer

#### 1.4 Segment table

[S] Status, [R] Recurrence, [M] Mandatory, [C] Conditional, [D] Dependent on business rules

| Pos  | Tag | Name                          | S     | R  |
|------|-----|-------------------------------|-------|----|
| 0010 | UNH | Message header                | M     | 1  |
| 0020 | BGM | Beginning of message          | M     | 1  |
| 0040 | FTX | Free text                     | C     | 3  |
| 0050 | HAN | Handling instructions         | D [1] | 1  |
| 0060 |     | Segment Group 1               | C     | 3  |
| 0070 | REF | Reference                     | M     | 1  |
| 0090 |     | Segment Group 2               | M     | 1  |
| 0100 | TDT | Details of transport          | M     | 1  |
| 0110 | RFF | Reference                     | M     | 9  |
| 0120 | LOC | Place/location identification | M     | 9  |
| 0130 | DTM | Date/time/period              | M     | 2  |
| 0140 |     | Segment Group 3               | M     | 2  |
| 0150 | NAD | Name and address              | M     | 1  |
| 0160 |     | Segment Group 4               | C     | 1  |
| 0170 | CTA | Contact information           | M     | 1  |
| 0180 | COM | Communication contact         | C     | 4  |
| 0190 |     | Segment Group 5               | M     | 99 |

| Pos  | Tag | Name                          | S     | R   |
|------|-----|-------------------------------|-------|-----|
| 0200 | EQD | Equipment details             | M     | 1   |
| 0210 | MEA | Measurements                  | M     | 5   |
| 0220 |     | Segment Group 6               | M     | 999 |
| 0230 | CNI | Consignment information       | M     | 1   |
| 0240 | HAN | Handling instructions         | D [1] | 1   |
| 0250 | DTM | Date/time/period              | C     | 2   |
| 0260 | LOC | Place/location identification | C     | 2   |
| 0300 |     | Segment Group 8               | C     | 2   |
| 0310 | NAD | Name and address              | M     | 1   |
| 0360 |     | Segment Group 10              | M     | 99  |
| 0370 | GID | Goods item details            | M     | 1   |
| 0380 | FTX | Free text                     | C     | 2   |
| 0400 |     | Segment Group 11              | C     | 99  |
| 0410 | SGP | Split goods placement         | M     | 1   |
| 0420 | MEA | Measurements                  | M     | 1   |
| 0430 |     | Segment Group 12              | M     | 1   |
| 0440 | DGS | Dangerous goods               | M     | 1   |
| 0450 | FTX | Free text                     | D[5]  | 7   |
| 4600 | MEA | Measurements                  | M     | 1   |
| 4700 | LOC | Place/location identification | C     | 0   |
| 0480 | RFF | Reference                     | C     | 0   |
| 0490 |     | Segment Group 13              | C     | 99  |
| 0500 | SGP | Split goods placement         | M     | 1   |
| 0510 | LOC | Place/location identification | C     | 1   |
| 0520 | MEA | Measurements                  | D[6]  | 2   |
| 0530 | UNT | Message trailer               | M     | 1   |

---

**Business rules**

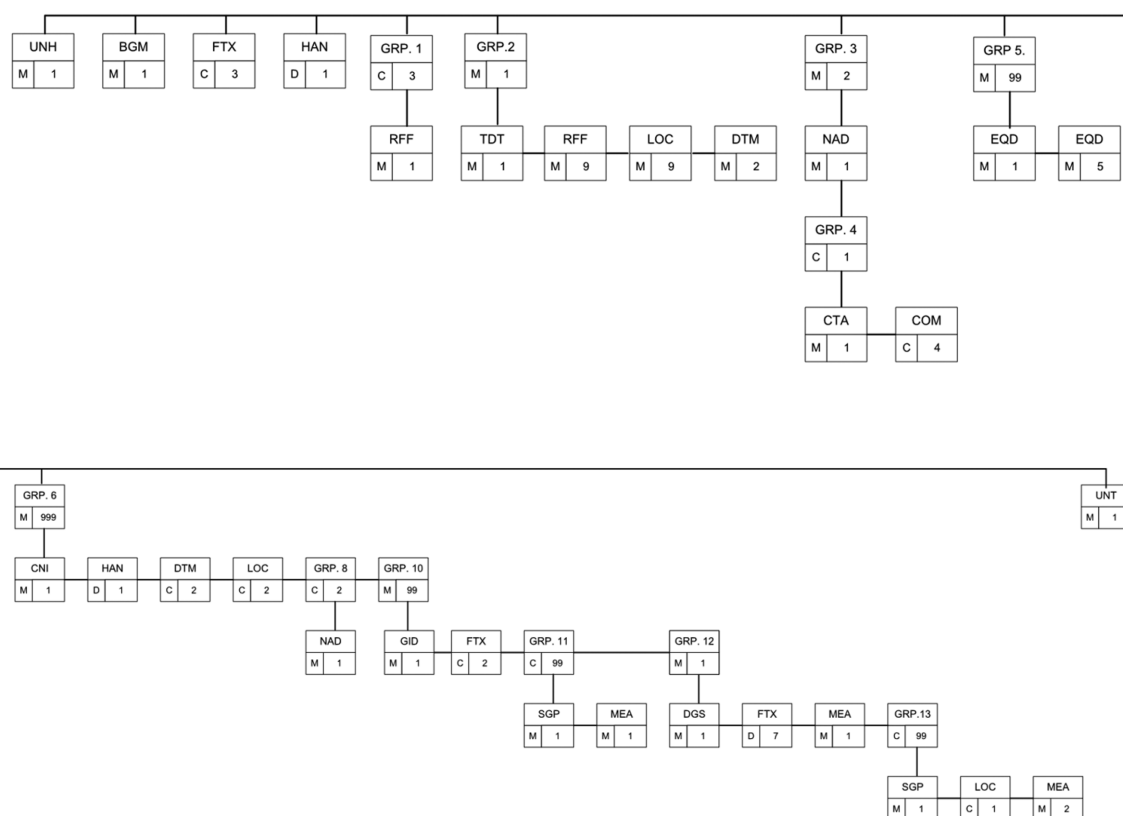

---

|      |                                                                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| D[1] | The HAN-segment has to appear once, either in the vessel voyage details, on message level, or in the cargo details                                    |
| D[5] | If mandatory by the applicable police regulations, this data shall be given in compliance with police regulations and then in accordance with the ADN |

---

| Business rules |                                                                                                                                                                                                                                                                                                                                         |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D[6]           | The message shall contain at least one MEA-segment<br>For the transport of liquid cargo the MEA with the measurement purpose qualifier 'VOL' shall be used<br>For container transport the MEA with the measurement purpose qualifier 'WT' shall be used<br>In case of a tank container both measurement purpose qualifiers are required |
| D[USE 1]       | If the code is XXXXX, then this data-element shall be completed                                                                                                                                                                                                                                                                         |
| D[USE 2]       | If containers are carried, then this data shall be given                                                                                                                                                                                                                                                                                |
| D[USE 3]       | HS-code has preference                                                                                                                                                                                                                                                                                                                  |
| D[USE 4]       | If the container type is known, then this data shall be given                                                                                                                                                                                                                                                                           |
| D[USE 5]       | If mandatory by the applicable police regulations, this data shall be given in compliance with police regulations and then in accordance with the ADN                                                                                                                                                                                   |
| D[USE 6]       | The HAN-segment shall be present at least once                                                                                                                                                                                                                                                                                          |
| D[USE 7]       | The transport equipment verified gross mass or estimated gross weight shall be given                                                                                                                                                                                                                                                    |

### 1.5. Branching diagram (ERI notification message)



## 2. ERINOT MESSAGE STRUCTURE

Table 1 defines the structure of the segments and the data elements of the ERI notification message.

Table 1: ERI notification message ERINOT

| Segment Group | Segment<br>Composite data<br>element (C)<br>Data element<br>TAG | Level | Status | Format           | Name                                  | Description<br>Qualifiers in quotation marks                                           |
|---------------|-----------------------------------------------------------------|-------|--------|------------------|---------------------------------------|----------------------------------------------------------------------------------------|
| 1             | 2                                                               | 3     | 4      | 5                | 6                                     | 7                                                                                      |
|               | <b>UNB</b>                                                      | 0     | M      |                  | INTERCHANGE HEADER                    |                                                                                        |
|               | S001                                                            |       | M      |                  | SYNTAX IDENTIFIER                     |                                                                                        |
|               | 0001                                                            |       | M      | a4               | Syntax identifier                     | 'UNOA' Controlling agency level A                                                      |
|               | 0002                                                            |       | M      | n1               | Syntax version number                 | '2'                                                                                    |
|               | S002                                                            |       | M      |                  | INTERCHANGE SENDER                    |                                                                                        |
|               | 0004                                                            |       | M      | an..35<br>(an25) | Sender identification                 | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post |
|               | 0007                                                            |       | C      | an..4            | Partner identification code qualifier | n.a.                                                                                   |
|               | 0008                                                            |       | C      | an..14           | Address for reverse routing           | n.a.                                                                                   |
|               | S003                                                            |       | M      |                  | INTERCHANGE RECIPIENT                 |                                                                                        |

| 1 | 2    | 3 | 4 | 5                | 6                                            | 7                                                                                      |
|---|------|---|---|------------------|----------------------------------------------|----------------------------------------------------------------------------------------|
|   | 0010 |   | M | an..35<br>(an25) | Recipient identification                     | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post |
|   | 0007 |   | C | an..4            | Partner identification code qualifier        | n.a.                                                                                   |
|   | 0014 |   | C | an..14           | Routing address                              | n.a.                                                                                   |
|   | S004 |   | M |                  | DATE/TIME OF PREPARATION                     |                                                                                        |
|   | 0017 |   | M | n6               | Date                                         | Generation date, YYMMDD                                                                |
|   | 0019 |   | M | n4               | Time                                         | Generation time, HHMM                                                                  |
|   | 0020 |   | M | an..14           | Interchange control reference                | First 14 positions of the message reference number                                     |
|   | S005 |   |   |                  | RECIPIENTS REFERENCE,<br>PASSWORD            | n.a                                                                                    |
|   | 0022 |   |   | an..14           | Recipient's reference/password               | n.a.                                                                                   |
|   | 0025 |   |   | an2              | Recipient's reference, password<br>qualifier | n.a.                                                                                   |
|   | 0026 |   |   | an..14           | Application reference                        | n.a.                                                                                   |
|   | 0029 |   |   | a1               | Processing priority code                     | n.a.                                                                                   |

| 1 | 2          | 3 | 4 | 5      | 6                           | 7                                                                                        |
|---|------------|---|---|--------|-----------------------------|------------------------------------------------------------------------------------------|
|   | 0031       |   | C | n1     | Acknowledgement request     | '1' = Sender requests acknowledgement, i.e. UNB and UNZ segments received and identified |
|   | 0032       |   |   | an..35 | Communications agreement id | n.a.                                                                                     |
|   | 0035       |   | C | n1     | Test indicator              | '1' = The interchange relates to a test message                                          |
|   |            |   |   |        |                             |                                                                                          |
|   | <b>UNH</b> | 0 | M |        | MESSAGE HEADER              | Identification, specification and heading of a message                                   |
|   | 0062       |   | M | an..14 | Message reference number    | First 14 positions of the message reference number                                       |
|   | S009       |   | M |        | MESSAGE IDENTIFIER          |                                                                                          |
|   | 0065       |   | M | an..6  | Message type                | 'FTDGN', message type                                                                    |
|   | 0052       |   | M | an..3  | Message version number      | 'D'                                                                                      |
|   | 0054       |   | M | an..3  | Message release number      | '98B'                                                                                    |
|   | 0051       |   | M | an..2  | Controlling agency          | 'UN'                                                                                     |
|   | 0057       |   | M | an..6  | Association assigned code   | 'ERI13', ERI Version 1.3                                                                 |

| 1 | 2          | 3 | 4 | 5      | 6                            | 7                                                                                                                                                                                                 |
|---|------------|---|---|--------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 0068       |   | O | an..35 | Common access reference      | This unique reference code is meant to have a common denominator for all messages for the same voyage                                                                                             |
|   | S010       |   |   |        | STATUS OF THE TRANSFER       | n.a.                                                                                                                                                                                              |
|   | 0070       |   |   | n..2   | Sequence of transfers        | n.a.                                                                                                                                                                                              |
|   | 0073       |   |   | a1     | First and last transfer      | n.a.                                                                                                                                                                                              |
|   |            |   |   |        |                              |                                                                                                                                                                                                   |
|   | <b>BGM</b> | 0 | M |        | <i>BEGINNING OF MESSAGE</i>  | Identification of the type and function of the message                                                                                                                                            |
|   | C002       |   | M |        | DOCUMENT/MESSAGE NAME        |                                                                                                                                                                                                   |
|   | 1001       |   | M | an..3  | Document/message name code   | Type of message:<br>'VES', from vessel to RIS authority message<br>'CAR', from carrier to RIS authority message<br>'PAS', passage report from RIS authority to RIS authority (also see section 0) |
|   | 1131       |   |   | an..3  | Code list qualifier          | n.a.                                                                                                                                                                                              |
|   | 3055       |   |   | an..3  | Code list responsible agency | n.a.                                                                                                                                                                                              |

| 1 | 2    | 3 | 4 | 5                | 6                               | 7                                                                                                                                                                                                                                                                                                                      |
|---|------|---|---|------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 1000 |   |   | an..35           | Document/message name           | n.a.                                                                                                                                                                                                                                                                                                                   |
|   | C106 |   | M |                  | DOCUMENT/MESSAGE IDENTIFICATION |                                                                                                                                                                                                                                                                                                                        |
|   | 1004 |   | M | an..35<br>(an15) | Document identifier             | Message reference number. This number shall be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number shall be used. The transitional system shall in this case not generate another message reference number |
|   | 1056 |   |   | an..9            | Version                         | n.a.                                                                                                                                                                                                                                                                                                                   |
|   | 1060 |   |   | an..6            | Revision number                 | n.a.                                                                                                                                                                                                                                                                                                                   |
|   | 1225 |   | M | an..3            | Message function code           | <i>Function of message:</i><br>'1' = cancellation message<br>'9' = new message, (original)<br>'5' = modification message<br>'22' = Final transmission (End of voyage)<br>'150' = Interruption of voyage<br>'151' = Restart of voyage                                                                                   |

| 1 | 2              | 3 | 4 | 5              | 6                            | 7                                                                                                                                         |
|---|----------------|---|---|----------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|   | 4343           |   | C | an..3          | Response type code           | AQ                                                                                                                                        |
|   |                |   |   |                |                              |                                                                                                                                           |
|   | <b>FTX (1)</b> | 0 | C |                | <i>FREE TEXT</i>             | To notify the number of <i>persons on board</i> and the number of <i>blue cones</i>                                                       |
|   | 4451           |   | M | an..3          | Text subject code qualifier  | 'SAF' for safety explanation                                                                                                              |
|   | 4453           |   |   | an..3          | Free text function code      | n.a.                                                                                                                                      |
|   | C107           |   |   |                | TEXT REFERENCE               |                                                                                                                                           |
|   | 4441           |   |   | an..17         | Free text identification     | n.a.                                                                                                                                      |
|   | 1131           |   |   | an..3          | Code list qualifier          | n.a.                                                                                                                                      |
|   | 3055           |   |   | an..3          | Code list responsible agency | n.a.                                                                                                                                      |
|   | C108           |   | M |                | TEXT LITERAL                 | Text                                                                                                                                      |
|   | 4440           |   | M | an..70<br>(n4) | Free text                    | Total number of persons on board<br>(If the total number of persons is not known or indicated,<br>this field shall be filled with '9999') |

| 1 | 2              | 3 | 4 | 5               | 6                           | 7                                                                                                                                                                                                                                                                                                                         |
|---|----------------|---|---|-----------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 4440           |   | C | an..70<br>(an1) | Free text                   | '0', '1', '2', '3' for number of cones (inland vessel)<br>'B' for red signal flag (maritime vessel)<br>'V' for special permit<br>Note: Number of cones '0' will indicate that this is the result of the system which calculated zero blue cones, if the field is left blank this will indicate that no data is available. |
|   | 4440           |   | C | an..70<br>(n4)  | Free text                   | Number of passengers                                                                                                                                                                                                                                                                                                      |
|   | 4440           |   |   | an..70          | Free text                   | n.a.                                                                                                                                                                                                                                                                                                                      |
|   | 4440           |   |   | an..70          | Free text                   | n.a.                                                                                                                                                                                                                                                                                                                      |
|   | 3453           |   |   | an..3           | Language, coded             | n.a.                                                                                                                                                                                                                                                                                                                      |
|   | 4447           |   |   | an..3           | Text formatting, coded      | n.a.                                                                                                                                                                                                                                                                                                                      |
|   |                |   |   |                 |                             |                                                                                                                                                                                                                                                                                                                           |
|   | <b>FTX (2)</b> | 0 | C |                 | FREE TEXT                   | To indicate whether the information in the message may be forwarded by the receiver to other authorities                                                                                                                                                                                                                  |
|   | 4451           |   | M | an..3           | Text subject code qualifier | 'ACK' for 'Privacy statement' or 'Confidential nature'                                                                                                                                                                                                                                                                    |

| 1 | 2    | 3 | 4 | 5              | 6                            | 7                   |
|---|------|---|---|----------------|------------------------------|---------------------|
|   | 4453 |   |   | an..3          | Free text function code      | n.a.                |
|   | C107 |   |   |                | TEXT REFERENCE               |                     |
|   | 4441 |   |   | an..17         | Free text identification     | n.a.                |
|   | 1131 |   |   | an..3          | Code list qualifier          | n.a.                |
|   | 3055 |   |   | an..3          | Code list responsible agency | n.a.                |
|   | C108 |   | M |                | TEXT LITERAL                 |                     |
|   | 4440 |   | M | an..70<br>(a1) | Free text                    | 'Y' = Yes, 'N' = No |
|   | 4440 |   |   | an..70         | Free text                    | n.a.                |
|   | 4440 |   |   | an..70         | Free text                    | n.a.                |
|   | 4440 |   |   | an..70         | Free text                    | n.a.                |
|   | 4440 |   |   | an..70         | Free text                    | n.a.                |
|   | 3453 |   |   | an..3          | Language, coded              | n.a.                |

| 1 | 2             | 3 | 4 | 5      | 6                            | 7                                                                                                                                                                 |
|---|---------------|---|---|--------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 4447          |   |   | an..3  | Text formatting, coded       | n.a.                                                                                                                                                              |
|   |               |   |   |        |                              |                                                                                                                                                                   |
|   | <b>FTX(3)</b> | 0 | C |        | FREE TEXT                    | <i>Reason for cancellation</i>                                                                                                                                    |
|   | 4451          |   | M | an..3  | Text subject code qualifier  | 'ACD' cancellation reason                                                                                                                                         |
|   | 4453          |   |   | an..3  | Free text function code      | n.a.                                                                                                                                                              |
|   | C107          |   | M |        | TEXT REFERENCE               | Text identification                                                                                                                                               |
|   | 4441          |   | M | an..17 | Free text identification     | 'CAM' mistake in notification<br>'CAO' transport does not take place<br>'CAV' the main transport destination has changed<br>'CHD' the time of arrival has changed |
|   | 1131          |   |   | an..3  | Code list qualifier          | n.a.                                                                                                                                                              |
|   | 3055          |   |   | an..3  | Code list responsible agency | n.a.                                                                                                                                                              |
|   | C108          |   | M |        |                              | Text                                                                                                                                                              |
|   | 4440          |   | M | an..70 | Free text                    | Free description of the reason                                                                                                                                    |
|   | 4440          |   | C | an..70 | Free text                    | Free text for further explanation                                                                                                                                 |

| 1 | 2             | 3 | 4    | 5      | 6                                   | 7                                                                                                |
|---|---------------|---|------|--------|-------------------------------------|--------------------------------------------------------------------------------------------------|
|   | 4440          |   | C    | an..70 | Free text                           | Free text for further explanation                                                                |
|   | 4440          |   | C    | an..70 | Free text                           | Free text for further explanation                                                                |
|   | 4440          |   | C    | an..70 | Free text                           | Free text for further explanation                                                                |
|   | 3453          |   |      | an..3  | Language, coded                     | n.a.                                                                                             |
|   | 4447          |   |      | an..3  | Text formatting, coded              | n.a.                                                                                             |
|   |               |   |      |        |                                     |                                                                                                  |
|   | <b>HAN(1)</b> | 0 | D[6] |        |                                     |                                                                                                  |
|   | C524          |   | M    |        | HANDLING INSTRUCTIONS               |                                                                                                  |
|   | 4079          |   | M    | an..3  | Handling instructions, coded        | Default 'T'<br>T = Transit<br>LLO = Loading<br>LDI = Unloading<br>TSP = Transit in the same port |
|   | 1131          |   |      |        | Code list qualifier                 | n.a.                                                                                             |
|   | 3055          |   |      |        | Code list responsible agency, coded | n.a.                                                                                             |

| 1     | 2              | 3 | 4 | 5                | 6                                             | 7                                                                                                                                                     |
|-------|----------------|---|---|------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | 4078           |   |   |                  | Handling instructions                         | n.a.                                                                                                                                                  |
|       | C218           |   |   |                  | HAZARDOUS MATERIAL                            | n.a.                                                                                                                                                  |
|       | 7419           |   |   |                  | Hazardous material class code, identification | n.a.                                                                                                                                                  |
|       | 1131           |   |   |                  | Code list qualifier                           | n.a.                                                                                                                                                  |
|       | 3055           |   |   |                  | Code list responsible agency, coded           | n.a.                                                                                                                                                  |
|       | 7418           |   |   |                  | Hazardous material class                      | n.a.                                                                                                                                                  |
|       |                |   |   |                  |                                               |                                                                                                                                                       |
| GRP 1 | <b>RFF (1)</b> | 1 | C |                  | REFERENCE                                     | Reference to the message for which the current message is a <i>replacement</i> . Mandatory if the message is a modification or a cancellation message |
|       | C506           |   | M |                  | REFERENCE                                     |                                                                                                                                                       |
|       | 1153           |   | M | an..3            | Reference qualifier                           | 'ACW' for reference number to previous message                                                                                                        |
|       | 1154           |   | M | an..35<br>(an15) | Reference number                              | Message reference number from BGM, TAG 1004 of the message this message replaces                                                                      |
|       | 1156           |   |   | an..6            | Line number                                   | n.a.                                                                                                                                                  |
|       | 4000           |   |   | an..35           | Reference version number                      | n.a.                                                                                                                                                  |
|       | 1060           |   |   | an..6            | Revision number                               | n.a.                                                                                                                                                  |
|       |                |   |   |                  |                                               |                                                                                                                                                       |
| GRP 1 | <b>RFF (2)</b> | 1 | C |                  | REFERENCE                                     | Reference to <i>transport document</i>                                                                                                                |

| 1     | 2              | 3 | 4 | 5      | 6                              | 7                                                                                                                                                  |
|-------|----------------|---|---|--------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|       | C506           |   | M |        | REFERENCE                      |                                                                                                                                                    |
|       | 1153           |   | M | an..3  | Reference qualifier            | 'FF' for 'freight forwarder's reference number'                                                                                                    |
|       | 1154           |   | M | an..35 | Reference number               | Reference number of the transport document                                                                                                         |
|       | 1156           |   |   | an..6  | Line number                    | n.a.                                                                                                                                               |
|       | 4000           |   |   | an..35 | Reference version number       | n.a.                                                                                                                                               |
|       | 1060           |   |   | an..6  | Revision number                | n.a.                                                                                                                                               |
|       |                |   |   |        |                                |                                                                                                                                                    |
| GRP 1 | <b>RFF (3)</b> | 1 | C |        | REFERENCE                      | Reference to a <i>test scenario</i>                                                                                                                |
|       | C506           |   | M |        | REFERENCE                      |                                                                                                                                                    |
|       | 1153           |   | M | an..3  | Reference qualifier            | 'ADD' for test number                                                                                                                              |
|       | 1154           |   | M | an..35 | Reference number               | Test scenario identification, which shall be known at the receiving party                                                                          |
|       | 1156           |   |   | an..6  | Line number                    | n.a.                                                                                                                                               |
|       | 4000           |   |   | an..35 | Reference version number       | n.a.                                                                                                                                               |
|       | 1060           |   |   | an..6  | Revision number                | n.a.                                                                                                                                               |
|       |                |   |   |        |                                |                                                                                                                                                    |
| GRP 2 | <b>TDT</b>     | 1 | M |        | DETAILS OF TRANSPORT           | Specification of the means of transport, the <i>naming vessel within a convoy</i> (a single vessel without barge is also a convoy in this context) |
|       | 8051           |   | M | an..3  | Transport stage code qualifier | '20' for main carriage transport                                                                                                                   |

| 1 | 2    | 3 | 4 | 5              | 6                                                             | 7                                                                                                             |
|---|------|---|---|----------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|   | 8028 |   | C | an..17         | Conveyance reference number                                   | Voyage number, defined by sender of the message                                                               |
|   | C220 |   | M |                | MODE OF TRANSPORT                                             |                                                                                                               |
|   | 8067 |   | M | an..3          | Mode of transport, coded                                      | '8' for Inland water transport, '1' for maritime transport (see UNECE Rec. 19)                                |
|   | 8066 |   |   | an..17         | Mode of transport                                             | n.a.                                                                                                          |
|   | C228 |   | M |                | TRANSPORT MEANS                                               |                                                                                                               |
|   | 8179 |   | M | an..8<br>(an4) | Type of means of transport identification, <i>convoy type</i> | Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex Part II, Chapter 2.3.1 |
|   | 8178 |   |   | an..17         | Type of means of transport                                    | n.a.                                                                                                          |
|   | C040 |   |   |                | CARRIER                                                       | n.a.                                                                                                          |
|   | 3127 |   |   | an..17         | Carrier identification                                        | n.a.                                                                                                          |
|   | 1131 |   |   | an..3          | Code list qualifier                                           | n.a.                                                                                                          |
|   | 3055 |   |   | an..3          | Code list responsible agency                                  | n.a.                                                                                                          |
|   | 3128 |   |   | an..35         | Carrier name                                                  | n.a.                                                                                                          |
|   | 8101 |   |   | an..3          | Transit direction, coded                                      | n.a.                                                                                                          |
|   | C401 |   |   |                | EXCESS TRANSPORTATION INFORMATION                             |                                                                                                               |
|   | 8457 |   |   | an..3          | Excess transportation reason                                  | n.a.                                                                                                          |
|   | 8459 |   |   | an..3          | Excess transportation responsibility                          | n.a.                                                                                                          |

| 1   | 2              | 3 | 4 | 5                 | 6                                        | 7                                                                                                                                                                                                                                                 |
|-----|----------------|---|---|-------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | 7130           |   |   | an..17            | Customer authorisation number            | n.a.                                                                                                                                                                                                                                              |
|     | C222           |   | M |                   | TRANSPORT IDENTIFICATION                 |                                                                                                                                                                                                                                                   |
|     | 8213           |   | M | an..9<br>(an7..8) | ID. of means of transport identification | Vessel <i>number</i> : 7 digits for IMO indication or unique European vessel identification number (ENI)                                                                                                                                          |
|     | 1131           |   | M | an..3             | Code list qualifier                      | 'IMO' for an IMO-number, see Annex Part II, Chapter 2.3.2<br>'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3                                                                                           |
|     | 3055           |   |   | an..3             | Code list responsible agency             | n.a.                                                                                                                                                                                                                                              |
|     | 8212           |   | M | an..35            | Id. of the means of transport            | <i>Name of the ship</i> ; If the name results in more than 35 positions, the name of the vessel is shortened                                                                                                                                      |
|     | 8453           |   | M | an..3             | Nationality of means of transport        | ISO two-alpha country code 3166-1, see Annex Part II, Chapter 2.3.8. If the nationality of the means of transport is not known, the 3-digit code of the competent authority which issued the European vessel identification number shall be used. |
|     | 8281           |   |   | an..3             | Transport ownership                      | n.a.                                                                                                                                                                                                                                              |
|     |                |   |   |                   |                                          |                                                                                                                                                                                                                                                   |
| TDT | <b>RFF (1)</b> | 1 | M |                   | REFERENCE                                | Dimensions of the transport, <i>length</i>                                                                                                                                                                                                        |
|     | C506           |   | M |                   | REFERENCE                                |                                                                                                                                                                                                                                                   |
|     | 1153           |   | M | an..3             | Reference qualifier                      | 'LEN' = Length                                                                                                                                                                                                                                    |

| 1   | 2              | 3 | 4 | 5                | 6                        | 7                                           |
|-----|----------------|---|---|------------------|--------------------------|---------------------------------------------|
|     | 1154           |   | M | an..35<br>(n..5) | Reference number         | Total length of the convoy in centimetres   |
|     | 1156           |   |   | an..6            | Line number              | n.a.                                        |
|     | 4000           |   |   | an..35           | Reference version number | n.a.                                        |
|     | 1060           |   |   | an..6            | Revision number          | n.a.                                        |
|     |                |   |   |                  |                          |                                             |
| TDT | <b>RFF (2)</b> | 1 | M |                  | REFERENCE                | Dimensions of the transport, <i>width</i>   |
|     | C506           |   | M |                  | REFERENCE                |                                             |
|     | 1153           |   | M | an..3            | Reference qualifier      | 'WID'                                       |
|     | 1154           |   | M | an..35<br>(n..4) | Reference number         | Total width of the convoy in centimetres    |
|     | 1156           |   |   | an..6            | Line number              | n.a.                                        |
|     | 4000           |   |   | an..35           | Reference version number | n.a.                                        |
|     | 1060           |   |   | an..6            | Revision number          | n.a.                                        |
|     |                |   |   |                  |                          |                                             |
| TDT | <b>RFF (3)</b> | 1 | M |                  | REFERENCE                | Dimensions of the transport, <i>draught</i> |
|     | C506           |   | M |                  | REFERENCE                |                                             |
|     | 1153           |   | M | an..3            | Reference qualifier      | 'DRA'                                       |

| 1   | 2              | 3 | 4 | 5                | 6                        | 7                                                                                                                                            |
|-----|----------------|---|---|------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|     | 1154           |   | M | an..35<br>(n..4) | Reference number         | Draught of the convoy in centimetres<br>(If due to legal restriction this data cannot be submitted, the value of this field shall be '9999') |
|     | 1156           |   |   | an..6            | Line number              | n.a.                                                                                                                                         |
|     | 4000           |   |   | an..35           | Reference version number | n.a.                                                                                                                                         |
|     | 1060           |   |   | an..6            | Revision number          | n.a.                                                                                                                                         |
|     |                |   |   |                  |                          |                                                                                                                                              |
| TDT | <b>RFF (4)</b> | 1 | C |                  | REFERENCE                | Dimensions of the transport, <i>height</i>                                                                                                   |
|     | C506           |   | M |                  | REFERENCE                |                                                                                                                                              |
|     | 1153           |   | M | an..3            | Reference qualifier      | 'HGT'                                                                                                                                        |
|     | 1154           |   | M | an..35<br>(n..4) | Reference number         | Height of the convoy above the waterline in centimetres                                                                                      |
|     | 1156           |   |   | an..6            | Line number              | n.a.                                                                                                                                         |
|     | 4000           |   |   | an..35           | Reference version number | n.a.                                                                                                                                         |
|     | 1060           |   |   | an..6            | Revision number          | n.a.                                                                                                                                         |
|     |                |   |   |                  |                          |                                                                                                                                              |
| TDT | <b>RFF (5)</b> | 1 | M |                  | REFERENCE                | Dimensions of the transport, <i>tonnage</i>                                                                                                  |
|     | C506           |   | M |                  | REFERENCE                | Reference                                                                                                                                    |

| 1   | 2              | 3 | 4 | 5                | 6                        | 7                                                                        |
|-----|----------------|---|---|------------------|--------------------------|--------------------------------------------------------------------------|
|     | 1153           |   | M | an..3            | Reference qualifier      | 'TON'                                                                    |
|     | 1154           |   | M | an..35<br>(n..6) | Reference number         | Maximum capacity of the convoy in metric tonnes                          |
|     | 1156           |   |   | an..6            | Line number              | n.a.                                                                     |
|     | 4000           |   |   | an..35           | Reference version number | n.a.                                                                     |
|     | 1060           |   |   | an..6            | Revision number          | n.a.                                                                     |
|     |                |   |   |                  |                          |                                                                          |
| TDT | <b>RFF (6)</b> | 1 | C |                  | REFERENCE                | National voyage reference, Belgium, France, Germany                      |
|     | C506           |   | M |                  | REFERENCE                | Reference                                                                |
|     | 1153           |   | M | an..3            | Reference qualifier      | 'GNB' = Belgium<br>'GNF' = France<br>'GNG' = Germany<br>'GN1' = reserved |
|     | 1154           |   | M | an..35           | Reference number         | Government reference of Belgium                                          |
|     | 1156           |   |   | an..6            | Line number              | n.a.                                                                     |
|     | 4000           |   |   | an..35           | Reference version number | n.a.                                                                     |
|     | 1060           |   |   | an..6            | Revision number          | n.a.                                                                     |
|     |                |   |   |                  |                          |                                                                          |

| 1   | 2              | 3 | 4 | 5                  | 6                                | 7                                                               |
|-----|----------------|---|---|--------------------|----------------------------------|-----------------------------------------------------------------|
| TDT | <b>RFF (7)</b> | 1 | C |                    | REFERENCE                        | LNG installation indicator                                      |
|     | C506           |   | M |                    | REFERENCE                        | Reference                                                       |
|     | 1153           |   | M | an..3              | Reference qualifier              | 'LNG'                                                           |
|     | 1154           |   | M | an..35<br>(an1)    | Reference number                 | 'Y' = Yes                                                       |
|     | 1156           |   |   | an..6              | Line number                      | n.a.                                                            |
|     | 4000           |   |   | an..35             | Reference version number         | n.a.                                                            |
|     | 1060           |   |   | an..6              | Revision number                  | n.a.                                                            |
|     |                |   |   |                    |                                  |                                                                 |
| TDT | <b>LOC (1)</b> | 1 | M |                    | PLACE/LOCATION<br>IDENTIFICATION | Port of departure, the port where the transport starts          |
|     | 3227           |   | M | an..3              | Place/location qualifier         | '5' place of departure                                          |
|     | C517           |   | M |                    | LOCATION IDENTIFICATION          |                                                                 |
|     | 3225           |   | M | an..25<br>(an5)    | Place/location identification    | UNECE location code (Rec. 16), see Annex Part II, Chapter 2.3.9 |
|     | 1131           |   |   | an..3              | Code list qualifier              | n.a.                                                            |
|     | 3055           |   |   | an..3              | Code list responsible agency     | n.a.                                                            |
|     | 3224           |   | C | an..70<br>(an..17) | Place/location                   | Full name of the port location                                  |

| 1   | 2              | 3 | 4         | 5                 | 6                                         | 7                                                                                                                                                     |
|-----|----------------|---|-----------|-------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | C519           |   | C         |                   | RELATED LOCATION ONE IDENTIFICATION       |                                                                                                                                                       |
|     | 3223           |   | M         | an..25<br>(an..5) | Related place/location one identification | Terminal code, see Annex Part II, Chapter 2.3.11                                                                                                      |
|     | 1131           |   |           | an..3             | Code list qualifier                       | n.a.                                                                                                                                                  |
|     | 3055           |   |           | an..3             | Code list responsible agency              | n.a.                                                                                                                                                  |
|     | 3222           |   | D [Use 1] | an..70            | Related place/location one                | Full name of the terminal.                                                                                                                            |
|     | C553           |   | C         |                   | RELATED LOCATION TWO IDENTIFICATION       |                                                                                                                                                       |
|     | 3233           |   | M         | an..25<br>(an5)   | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10                                                                                               |
|     | 1131           |   |           | an..3             | Code list qualifier                       | n.a.                                                                                                                                                  |
|     | 3055           |   |           | an..3             | Code list responsible agency              | n.a.                                                                                                                                                  |
|     | 3232           |   | C         | an..70<br>(an..5) | Related place/location two                | Fairway section hectometre                                                                                                                            |
|     | 5479           |   |           | an..3             | Relation                                  | n.a.                                                                                                                                                  |
|     |                |   |           |                   |                                           |                                                                                                                                                       |
| TDT | <b>LOC (2)</b> | 1 | C         |                   | PLACE/LOCATION IDENTIFICATION             | Passage point that has already been passed by the ship. This segment and the TDT/DTM(2) segment with qualifier 186 are mandatory for passage reports. |

| 1 | 2    | 3 | 4 | 5                  | 6                                         | 7                                                                                                                   |
|---|------|---|---|--------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|   | 3227 |   | M | an..3              | Place/location qualifier                  | ‘172’ for passage point                                                                                             |
|   | C517 |   | M |                    | LOCATION IDENTIFICATION                   |                                                                                                                     |
|   | 3225 |   | M | an..25<br>(an5)    | Place/location identification             | UNECE location code (Rec. 16) of the passage point (lock, bridge, traffic centre), see Annex Part II, Chapter 2.3.9 |
|   | 1131 |   |   | an..3              | Code list qualifier                       | n.a.                                                                                                                |
|   | 3055 |   |   | an..3              | Code list responsible agency              | n.a.                                                                                                                |
|   | 3224 |   | C | an..70<br>(an..17) | Place/location                            | Full name of the passage point                                                                                      |
|   | C519 |   | C |                    | RELATED LOCATION ONE IDENTIFICATION       |                                                                                                                     |
|   | 3223 |   | M | an..25<br>(an..5)  | Related place/location one identification | Passage point code                                                                                                  |
|   | 1131 |   |   | an..3              | Code list qualifier                       | n.a.                                                                                                                |
|   | 3055 |   |   | an..3              | Code list responsible agency              | n.a.                                                                                                                |
|   | 3222 |   |   | an..70             | Related place/location one                | n.a.                                                                                                                |
|   | C553 |   | C |                    | RELATED LOCATION TWO IDENTIFICATION       |                                                                                                                     |
|   | 3233 |   | M | an..25<br>(an5)    | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10                                                             |

| 1   | 2              | 3 | 4 | 5                  | 6                                         | 7                                                                                                               |
|-----|----------------|---|---|--------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|     | 1131           |   |   | an..3              | Code list qualifier                       | n.a.                                                                                                            |
|     | 3055           |   |   | an..3              | Code list responsible agency              | n.a.                                                                                                            |
|     | 3232           |   | C | an..70<br>(an..5)  | Related place/location two                | Fairway section hectometre                                                                                      |
|     | 5479           |   |   | an..3              | Relation                                  | n.a.                                                                                                            |
|     |                |   |   |                    |                                           |                                                                                                                 |
| TDT | <b>LOC (3)</b> | 1 | C |                    | <i>PLACE/LOCATION IDENTIFICATION</i>      | <i>Next passage point</i>                                                                                       |
|     | 3227           |   | M | an..3              | Place/location qualifier                  | '61' for next port of call                                                                                      |
|     | C517           |   | M |                    | LOCATION IDENTIFICATION                   |                                                                                                                 |
|     | 3225           |   | M | an..25<br>(an5)    | Place/location identification             | UNECE location code (Rec. 16) of the passage point (lock, bridge, VTS centre), see Annex Part II, Chapter 2.3.9 |
|     | 1131           |   |   | an..3              | Code list qualifier                       | n.a.                                                                                                            |
|     | 3055           |   |   | an..3              | Code list responsible agency              | n.a.                                                                                                            |
|     | 3224           |   | C | an..70<br>(an..17) | Place/location                            | Full name of the passage point                                                                                  |
|     | C519           |   | C |                    | RELATED LOCATION ONE IDENTIFICATION       |                                                                                                                 |
|     | 3223           |   | M | an..25             | Related place/location one identification | Passage point code                                                                                              |

| 1   | 2                 | 3 | 4 | 5                 | 6                                         | 7                                                                                                                                                                                             |
|-----|-------------------|---|---|-------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | 1131              |   |   | an..3             | Code list qualifier                       | n.a.                                                                                                                                                                                          |
|     | 3055              |   |   | an..3             | Code list responsible agency              | n.a.                                                                                                                                                                                          |
|     | 3222              |   |   | an..70            | Related place/location one                | n.a.                                                                                                                                                                                          |
|     | C553              |   | C |                   | RELATED LOCATION TWO IDENTIFICATION       |                                                                                                                                                                                               |
|     | 3233              |   | M | an..25<br>(an5)   | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10                                                                                                                                       |
|     | 1131              |   |   | an..3             | Code list qualifier                       | n.a.                                                                                                                                                                                          |
|     | 3055              |   |   | an..3             | Code list responsible agency              | n.a.                                                                                                                                                                                          |
|     | 3232              |   | C | an..70<br>(an..5) | Related place/location two                | Fairway section hectometre                                                                                                                                                                    |
|     | 5479              |   |   | an..3             | Relation                                  | n.a.                                                                                                                                                                                          |
|     |                   |   |   |                   |                                           |                                                                                                                                                                                               |
| TDT | <b>LOC (4..8)</b> | 1 | C |                   | PLACE/LOCATION IDENTIFICATION             | <i>Further future passage points</i> (information on intended route). At most five intermediate points on the route may be given. The order of passage shall be the order within the message. |
|     | 3227              |   | M | an..3             | Place/location qualifier                  | '92' for routing                                                                                                                                                                              |
|     | C517              |   | M |                   | LOCATION IDENTIFICATION                   |                                                                                                                                                                                               |

| 1 | 2    | 3 | 4 | 5                 | 6                                         | 7                                                                                                                   |
|---|------|---|---|-------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|   | 3225 |   | M | an..25<br>(an5)   | Place/location identification             | UNECE location code (Rec. 16) of the passage point (lock, bridge, traffic centre), see Annex Part II, Chapter 2.3.9 |
|   | 1131 |   |   | an..3             | Code list qualifier                       | n.a.                                                                                                                |
|   | 3055 |   |   | an..3             | Code list responsible agency              | n.a.                                                                                                                |
|   | 3224 |   | C | an..17            | Place/location                            | Full name of the passage point                                                                                      |
|   | C519 |   | C |                   | RELATED LOCATION ONE IDENTIFICATION       |                                                                                                                     |
|   | 3223 |   | M | an..25<br>(an..5) | Related place/location one identification | Passage point code                                                                                                  |
|   | 1131 |   |   | an..3             | Code list qualifier                       | n.a.                                                                                                                |
|   | 3055 |   |   | an..3             | Code list responsible agency              | n.a.                                                                                                                |
|   | 3222 |   | C | an..70            | Passage datetime                          | YYMMDDHHMM as '201' of DTM 2379                                                                                     |
|   | C553 |   | C |                   | RELATED LOCATION TWO IDENTIFICATION       |                                                                                                                     |
|   | 3233 |   | M | an..25<br>(an5)   | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10                                                             |
|   | 1131 |   |   | an..3             | Code list qualifier                       | n.a.                                                                                                                |
|   | 3055 |   |   | an..3             | Code list responsible agency              | n.a.                                                                                                                |

| 1   | 2              | 3 | 4         | 5                  | 6                                            | 7                                                                                |
|-----|----------------|---|-----------|--------------------|----------------------------------------------|----------------------------------------------------------------------------------|
|     | 3232           |   | C         | an..70<br>(an..5)  | Related place/location two                   | Fairway section hectometre                                                       |
|     | 5479           |   |           | an..3              | Relation                                     | n.a.                                                                             |
|     |                |   |           |                    |                                              |                                                                                  |
| TDT | <b>LOC (9)</b> | 1 | M         |                    | PLACE/LOCATION<br>IDENTIFICATION             | <i>Port of destination.</i> This is the first port where the transport is bound. |
|     | 3227           |   | M         | an..3              | Place/location qualifier                     | '153' for place of call                                                          |
|     | C517           |   | M         |                    | LOCATION IDENTIFICATION                      |                                                                                  |
|     | 3225           |   | M         | an..25<br>(an5)    | Place/location identification                | UNECE location code (Rec. 16) of the port, see Annex Part II, Chapter 2.3.9      |
|     | 1131           |   |           | an..3              | Code list qualifier                          | n.a.                                                                             |
|     | 3055           |   |           | an 3               | Code list responsible agency                 | n.a.                                                                             |
|     | 3224           |   | C         | an..70<br>(an..17) | Place/location                               | Full name of the port location                                                   |
|     | C519           |   | C         |                    | RELATED LOCATION ONE<br>IDENTIFICATION       |                                                                                  |
|     | 3223           |   | M         | an..25<br>(an..5)  | Related place/location one<br>identification | Terminal code, see Annex Part II, Chapter 2.3.11                                 |
|     | 1131           |   |           | an..3              | Code list qualifier                          | n.a.                                                                             |
|     | 3055           |   |           | an..3              | Code list responsible agency                 | n.a.                                                                             |
|     | 3222           |   | D [Use 1] | an..70             | Related place/location one                   | Full name of the terminal                                                        |

| 1          | 2              | 3 | 4 | 5                 | 6                                              | 7                                                       |
|------------|----------------|---|---|-------------------|------------------------------------------------|---------------------------------------------------------|
|            | C553           |   | C |                   | RELATED LOCATION TWO IDENTIFICATION            |                                                         |
|            | 3233           |   | M | an..25<br>(an5)   | Related place/location two identification      | Fairway section code, see Annex Part II, Chapter 2.3.10 |
|            | 1131           |   |   | an..3             | Code list qualifier                            | n.a.                                                    |
|            | 3055           |   |   | an..3             | Code list responsible agency                   | n.a.                                                    |
|            | 3232           |   | C | an..70<br>(an..5) | Related place/location two                     | Fairway section hectometre                              |
|            | 5479           |   |   | an..3             | Relation                                       | n.a.                                                    |
|            |                |   |   |                   |                                                |                                                         |
| TDT/LOC(1) | <b>DTM (1)</b> | 2 | C |                   | DATE/TIME/PERIOD                               | Departure time (estimated)                              |
|            | C507           |   | M |                   | DATE/TIME/PERIOD                               |                                                         |
|            | 2005           |   | M | an..3             | Date or time or period function code qualifier | '133' for departure date/time, estimated                |
|            | 2380           |   | M | an..35            | Date or time period value                      | Value of departure time                                 |
|            | 2379           |   | M | an..3             | Date or time or period format code             | '201' for YYMMDDHHMM                                    |
|            |                |   |   |                   |                                                |                                                         |
| TDT/LOC(2) | <b>DTM (2)</b> | 2 | C |                   | DATE/TIME/PERIOD                               | Passage time, as recorded by the traffic centre         |
|            | C507           |   | M |                   | DATE/TIME/PERIOD                               |                                                         |

| 1          | 2              | 3 | 4 | 5      | 6                                              | 7                                                                                                                                   |
|------------|----------------|---|---|--------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|            | 2005           |   | M | an..3  | Date or time or period function code qualifier | '186' for departure time, actual                                                                                                    |
|            | 2380           |   | M | an..35 | Date or time period value                      | Value of passage time: YYMMDDHHMM                                                                                                   |
|            | 2379           |   | M | an..3  | Date or time or period format code             | '201' for YYMMDDHHMM                                                                                                                |
|            |                |   |   |        |                                                |                                                                                                                                     |
| TDT/LOC(9) | <b>DTM (3)</b> | 2 | C |        | DATE/TIME/PERIOD                               | Estimated time of arrival at port of destination                                                                                    |
|            | C507           |   | M |        | DATE/TIME/PERIOD                               |                                                                                                                                     |
|            | 2005           |   | M | an..3  | Date or time or period function code qualifier | '132' for arrival time, estimated                                                                                                   |
|            | 2380           |   | M | an..35 | Date or time period value                      | Value of arrival time: YYMMDDHHMM                                                                                                   |
|            | 2379           |   | M | an..3  | Date or time or period format code             | '201' for YYMMDDHHMM                                                                                                                |
|            |                |   |   |        |                                                |                                                                                                                                     |
| GRP 3      | <b>NAD (1)</b> | 1 | M |        | NAME and ADDRESS                               | name and address of <i>message sender</i>                                                                                           |
|            | 3035           |   | M | an..3  | Party function code qualifier                  | 'MS' for message sender                                                                                                             |
|            | C082           |   | C |        | PARTY IDENTIFICATION DETAILS                   |                                                                                                                                     |
|            | 3039           |   | M | an..35 | Party identification                           | Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'. |
|            | 1131           |   |   | an..3  | Code list qualifier                            | n.a.                                                                                                                                |

| 1 | 2    | 3 | 4 | 5      | 6                            | 7                                    |
|---|------|---|---|--------|------------------------------|--------------------------------------|
|   | 3055 |   |   | an..3  | Code list responsible agency | n.a.                                 |
|   | C058 |   |   |        | NAME AND ADDRESS             | n.a.                                 |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                 |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                 |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                 |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                 |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                 |
|   | C080 |   | M |        | PARTY NAME                   |                                      |
|   | 3036 |   | M | an..35 | Party name                   | Sender name                          |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                 |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                 |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                 |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                 |
|   | 3045 |   |   | an..3  | Party name format, coded     | n.a.                                 |
|   | C059 |   | C |        | STREET                       |                                      |
|   | 3042 |   | M | an..35 | Street and number/PO box     | Street and number or post office box |
|   | 3042 |   |   | an..35 | Street and number/PO box     | n.a.                                 |
|   | 3042 |   |   | an..35 | Street and number/PO box     | n.a.                                 |

| 1            | 2          | 3 | 4 | 5      | 6                                        | 7                                                                   |
|--------------|------------|---|---|--------|------------------------------------------|---------------------------------------------------------------------|
|              | 3042       |   |   | an..35 | Street and number/PO box                 | n.a.                                                                |
|              | 3164       |   | C | an..35 | City name                                | City                                                                |
|              | 3229       |   |   | an..9  | Country sub-entity identification        | n.a.                                                                |
|              | 3251       |   | C | an..9  | Postcode identification                  | Postal identification code                                          |
|              | 3207       |   | C | an..3  | Country                                  | ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8 |
|              |            |   |   |        |                                          |                                                                     |
| GRP 4<br>NAD | <b>CTA</b> | 2 | C |        | CONTACT INFORMATION                      | Sender contact details                                              |
|              | 3139       |   |   | an..3  | Contact function                         | n.a.                                                                |
|              | C056       |   | M |        | DEPARTMENT OR EMPLOYEE<br>DETAILS        |                                                                     |
|              | 3413       |   |   | an..17 | Department or employee<br>identification | n.a.                                                                |
|              | 3412       |   | M | an..35 | Department or employee                   | 'ERI', dummy value                                                  |
|              |            |   |   |        |                                          |                                                                     |
| NAD/CTA      | <b>COM</b> | 2 | C |        | COMMUNICATION CONTACT                    | Sender communication contact details (maximum 4 times)              |
|              | C076       |   | M |        | COMMUNICATION CONTACT                    |                                                                     |
|              | 3148       |   | M | an..70 | Communication number                     | Communication number                                                |

| 1   | 2              | 3 | 4 | 5      | 6                               | 7                                                                                                                                                                                                                                                                                                                   |
|-----|----------------|---|---|--------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | 3155           |   | M | an..3  | Communication channel qualifier | 'TE' for telephone number<br>'FX' for fax number<br>'EM' for email address<br>'EI' for EDI mailbox number<br>(EDI number or email address for NAD 1 is mandatory if a response in the form of an ERIRSP message is requested for. If no response is requested, the EDI number and email address is not to be used). |
|     |                |   |   |        |                                 |                                                                                                                                                                                                                                                                                                                     |
| NAD | <b>NAD (2)</b> | 1 | C |        | NAME and ADDRESS                | Name and address of <i>agent/invoicee</i>                                                                                                                                                                                                                                                                           |
|     | 3035           |   | M | an..3  | Party function code qualifier   | 'CG' for agent/invoice address (for VNF this segment is mandatory)                                                                                                                                                                                                                                                  |
|     | C082           |   | C |        | PARTY IDENTIFICATION DETAILS    |                                                                                                                                                                                                                                                                                                                     |
|     | 3039           |   | M | an..35 | Party identification            | Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'                                                                                                                                                                                  |
|     | 1131           |   |   | an..3  | Code list qualifier             | n.a.                                                                                                                                                                                                                                                                                                                |
|     | 3055           |   |   | an..3  | Code list responsible agency    | n.a.                                                                                                                                                                                                                                                                                                                |
|     | C058           |   |   |        | NAME AND ADDRESS                | n.a.                                                                                                                                                                                                                                                                                                                |
|     | 3124           |   |   | an..35 | Name and address line           | n.a.                                                                                                                                                                                                                                                                                                                |
|     | 3124           |   |   | an..35 | Name and address line           | n.a.                                                                                                                                                                                                                                                                                                                |
|     | 3124           |   |   | an..35 | Name and address line           | n.a.                                                                                                                                                                                                                                                                                                                |

| 1 | 2    | 3 | 4 | 5                  | 6                                 | 7                                                        |
|---|------|---|---|--------------------|-----------------------------------|----------------------------------------------------------|
|   | 3124 |   |   | an..35             | Name and address line             | n.a.                                                     |
|   | 3124 |   |   | an..35             | Name and address line             | n.a.                                                     |
|   | C080 |   | M |                    | PARTY NAME                        |                                                          |
|   | 3036 |   | M | an..35             | Party name                        | Sender name.                                             |
|   | 3036 |   | C | an..35<br>(an..25) | Invoice number                    | Invoice number of the agent/invoicee                     |
|   | 3036 |   |   | an..35             | Party name                        | n.a.                                                     |
|   | 3036 |   |   | an..35             | Party name                        | n.a.                                                     |
|   | 3036 |   |   | an..35             | Party name                        | n.a.                                                     |
|   | 3045 |   |   | an..3              | Party name format, coded          | n.a.                                                     |
|   | C059 |   | C |                    | STREET                            | Street                                                   |
|   | 3042 |   | M | an..35             | Street and number/PO box          | Address (street name + number or post office box number) |
|   | 3042 |   |   | an..35             | Street and number/PO box          | n.a.                                                     |
|   | 3042 |   |   | an..35             | Street and number/PO box          | n.a.                                                     |
|   | 3042 |   |   | an..35             | Street and number/PO box          | n.a.                                                     |
|   | 3164 |   | C | an..35             | City name                         | City                                                     |
|   | 3229 |   |   | an..9              | Country sub-entity identification | n.a.                                                     |
|   | 3251 |   | C | an..9              | Postcode identification           | Postal code                                              |

| 1     | 2              | 3 | 4 | 5                  | 6                                                          | 7                                                                                                                                                       |
|-------|----------------|---|---|--------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | 3207           |   | C | an..3              | Country                                                    | ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8                                                                                     |
|       |                |   |   |                    |                                                            |                                                                                                                                                         |
| GRP 5 | <b>EQD (1)</b> | 1 | M |                    | <i>EQUIPMENT DETAILS</i>                                   | Specification of the <i>VESSELS</i> within the convoy (for each vessel 1 segment, also the main vessel), <i>propulsed vessel</i>                        |
|       | 8053           |   | M | an..3              | Equipment type code qualifier                              | 'BRY' for vessel participating in the propulsion                                                                                                        |
|       | C237           |   | M |                    | EQUIPMENT IDENTIFICATION                                   |                                                                                                                                                         |
|       | 8260           |   | M | an..17<br>(an7..8) | Equipment identification number                            | Vessel number: 7 digits for IMO indication or 8 digits for unique European vessel identification number (ENI)                                           |
|       | 1131           |   | M | an..3              | Code list qualifier                                        | 'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2<br>'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3 |
|       | 3055           |   |   | an..3              | Code list responsible agency                               | n.a.                                                                                                                                                    |
|       | 3207           |   |   | an..3              | Country                                                    | n.a.                                                                                                                                                    |
|       | C224           |   | M |                    | EQUIPMENT SIZE AND TYPE                                    |                                                                                                                                                         |
|       | 8155           |   | M | an..10<br>(an..4)  | Equipment size and type identification, <i>vessel type</i> | Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex Part II, Chapter 2.3.1                                           |
|       | 1131           |   |   | an..3              | Code list qualifier                                        | n.a.                                                                                                                                                    |
|       | 3055           |   |   | an..3              | Code list responsible agency                               | n.a.                                                                                                                                                    |

| 1   | 2                           | 3 | 4 | 5                  | 6                               | 7                                                                                                                                                       |
|-----|-----------------------------|---|---|--------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | 8154                        |   | M | an..35             | Equipment size and type         | Name of the vessel. If the name results in more than 35 positions, the name of the vessel is shortened                                                  |
|     | 8077                        |   |   | an..3              | Equipment supplier              | n.a.                                                                                                                                                    |
|     | 8249                        |   |   | an..3              | Equipment status                | n.a.                                                                                                                                                    |
|     | 8169                        |   |   | an..3              | Full/empty indicator            | n.a.                                                                                                                                                    |
|     |                             |   |   |                    |                                 |                                                                                                                                                         |
| EQD | <b>EQD (V)<br/>(2 - 15)</b> | 1 | C |                    | <i>EQUIPMENT DETAILS</i>        | Specification of the <i>VESSELS</i> within the convoy (for each vessel 1 segment, also the main vessel)<br><i>not propelled vessels</i>                 |
|     | 8053                        |   | M | an..3              | Equipment type code qualifier   | 'BRN' for vessel not participating in the propulsion                                                                                                    |
|     | C237                        |   | M |                    | EQUIPMENT IDENTIFICATION        |                                                                                                                                                         |
|     | 8260                        |   | M | an..17<br>(an7..8) | Equipment identification number | Vessel number: 7 digits for IMO indication, 8 digits for unique European vessel identification number                                                   |
|     | 1131                        |   | M | an..3              | Code list qualifier             | 'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2<br>'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3 |
|     | 3055                        |   |   | an..3              | Code list responsible agency    | n.a.                                                                                                                                                    |
|     | 3207                        |   |   | an..3              | Country                         | n.a.                                                                                                                                                    |
|     | C224                        |   | M |                    | EQUIPMENT SIZE AND TYPE         |                                                                                                                                                         |

| 1   | 2              | 3 | 4 | 5                 | 6                                                          | 7                                                                                                             |
|-----|----------------|---|---|-------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|     | 8155           |   | M | an..10<br>(an..4) | Equipment size and type identification, <i>vessel type</i> | Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex Part II, Chapter 2.3.1 |
|     | 1131           |   |   | an..3             | Code list qualifier                                        | n.a.                                                                                                          |
|     | 3055           |   |   | an..3             | Code list responsible agency                               | n.a.                                                                                                          |
|     | 8154           |   | M | an..35            | Equipment size and type                                    | <i>Name</i> of the vessel. If the name results in more than 35 positions, the name of the vessel is shortened |
|     | 8077           |   |   | an..3             | Equipment supplier                                         | n.a.                                                                                                          |
|     | 8249           |   |   | an..3             | Equipment status                                           | n.a.                                                                                                          |
|     | 8169           |   |   | an..3             | Full/empty indicator                                       | n.a.                                                                                                          |
|     |                |   |   |                   |                                                            |                                                                                                               |
| EQD | <b>MEA (1)</b> | 1 | M |                   | MEASUREMENTS                                               | <i>Vessel length</i>                                                                                          |
|     | 6311           |   | M | an..3             | Measurement purpose qualifier                              | 'DIM' for dimension                                                                                           |
|     | C502           |   |   |                   | MEASUREMENT DETAILS                                        |                                                                                                               |
|     | 6313           |   | M | an..3             | Property measured                                          | 'LEN' for length                                                                                              |
|     | 6321           |   |   | an..3             | Measurement significance                                   | n.a.                                                                                                          |
|     | 6155           |   |   | an..17            | Measurement attribute identification                       | n.a.                                                                                                          |
|     | 6154           |   |   | an..70            | Measurement attribute                                      | n.a.                                                                                                          |
|     | C174           |   | M |                   | VALUE/RANGE                                                |                                                                                                               |

| 1   | 2       | 3 | 4 | 5              | 6                                    | 7                                                          |
|-----|---------|---|---|----------------|--------------------------------------|------------------------------------------------------------|
|     | 6411    |   | M | an..3          | Measurement unit qualifier           | 'CMT' for centimetre (UNECE Rec. 20, Annex 3. Common code) |
|     | 6314    |   | M | an..18<br>(n5) | Measurement value                    | Length                                                     |
|     | 6162    |   |   | n..18          | Range minimum                        | n.a.                                                       |
|     | 6152    |   |   | n..18          | Range maximum                        | n.a.                                                       |
|     | 6432    |   |   | n..2           | Significant digits                   | n.a.                                                       |
|     | 7383    |   |   | an..3          | Surface/layer indicator              | n.a.                                                       |
|     |         |   |   |                |                                      |                                                            |
| EQD | MEA (2) | 1 | M |                | MEASUREMENTS                         | Vessel width                                               |
|     | 6311    |   | M | an..3          | Measurement purpose code qualifier   | 'DIM' for dimension                                        |
|     | C502    |   |   |                | MEASUREMENT DETAILS                  |                                                            |
|     | 6313    |   | M | an..3          | Property measured                    | 'WID' for width                                            |
|     | 6321    |   |   | an..3          | Measurement significance             | n.a.                                                       |
|     | 6155    |   |   | an..17         | Measurement attribute identification | n.a.                                                       |
|     | 6154    |   |   | an..70         | Measurement attribute                | n.a.                                                       |
|     | C174    |   | M |                | VALUE/RANGE                          |                                                            |

| 1   | 2       | 3 | 4 | 5              | 6                                    | 7                                                          |
|-----|---------|---|---|----------------|--------------------------------------|------------------------------------------------------------|
|     | 6411    |   | M | an..3          | Measurement unit qualifier           | 'CMT' for centimetre (UNECE Rec. 20, Annex 3: Common code) |
|     | 6314    |   | M | an..18<br>(n4) | Measurement value                    | Width                                                      |
|     | 6162    |   |   | n..18          | Range minimum                        | n.a.                                                       |
|     | 6152    |   |   | n..18          | Range maximum                        | n.a.                                                       |
|     | 6432    |   |   | n..2           | Significant digits                   | n.a.                                                       |
|     | 7383    |   |   | an..3          | Surface/layer indicator              | n.a.                                                       |
|     |         |   |   |                |                                      |                                                            |
| EQD | MEA (3) | 1 | M |                | MEASUREMENTS                         | Vessel draught                                             |
|     | 6311    |   | M | an..3          | Measurement purpose code qualifier   | 'DIM' for dimension                                        |
|     | C502    |   | M |                | MEASUREMENT DETAILS                  | Size details                                               |
|     | 6313    |   | M | an..3          | Property measured                    | 'DRA' for draught                                          |
|     | 6321    |   |   | an..3          | Measurement significance             | n.a.                                                       |
|     | 6155    |   |   | an..17         | Measurement attribute identification | n.a.                                                       |
|     | 6154    |   |   | an..70         | Measurement attribute                | n.a.                                                       |
|     | C174    |   | M |                | VALUE/RANGE                          |                                                            |

| 1   | 2       | 3 | 4 | 5           | 6                                    | 7                                                                                                                                            |
|-----|---------|---|---|-------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|     | 6411    |   | M | an..3       | Measurement unit qualifier           | ‘CMT’ for centimetre (UNECE Rec. 20, Common code)                                                                                            |
|     | 6314    |   | M | an..18 (n4) | Measurement value                    | Draught of the vessel in centimetres<br>(If due to legal restriction this data cannot be submitted, the value of this field shall be ‘9999’) |
|     | 6162    |   |   | n..18       | Range minimum                        | n.a.                                                                                                                                         |
|     | 6152    |   |   | n..18       | Range maximum                        | n.a.                                                                                                                                         |
|     | 6432    |   |   | n..2        | Significant digits                   | n.a.                                                                                                                                         |
|     | 7383    |   |   | an..3       | Surface/layer indicator              | n.a.                                                                                                                                         |
|     |         |   |   |             |                                      |                                                                                                                                              |
| EQD | MEA (4) | 2 | C |             | MEASUREMENTS                         | Vessel tonnage                                                                                                                               |
|     | 6311    |   | M | an..3       | Measurement purpose code qualifier   | ‘VOL’ for volume                                                                                                                             |
|     | C502    |   | M |             | MEASUREMENT DETAILS                  | Size details                                                                                                                                 |
|     | 6313    |   | M | an..3       | Property measured                    | ‘AAM’ for gross tonnage                                                                                                                      |
|     | 6321    |   |   | an..3       | Measurement significance             | n.a.                                                                                                                                         |
|     | 6155    |   |   | an..17      | Measurement attribute identification | n.a.                                                                                                                                         |
|     | 6154    |   |   | an..70      | Measurement attribute                | n.a.                                                                                                                                         |
|     | C174    |   | M |             | VALUE/RANGE                          |                                                                                                                                              |

| 1     | 2                      | 3 | 4        | 5              | 6                               | 7                                                 |
|-------|------------------------|---|----------|----------------|---------------------------------|---------------------------------------------------|
|       | 6411                   |   | M        | an..3          | Measurement unit qualifier      | 'TNE' for metric ton (UNECE Rec. 20, Common code) |
|       | 6314                   |   | M        | an..18<br>(n6) | Measurement value               | Tonnage (capacity)                                |
|       | 6162                   |   |          | n..18          | Range minimum                   | n.a.                                              |
|       | 6152                   |   |          | n..18          | Range maximum                   | n.a.                                              |
|       | 6432                   |   |          | n..2           | Significant digits              | n.a.                                              |
|       | 7383                   |   |          | an..3          | Surface/layer indicator         | n.a.                                              |
|       |                        |   |          |                |                                 |                                                   |
| GRP 5 | <b>EQD<br/>(1..15)</b> | 1 | D[Use 2] |                | <i>EQUIPMENT DETAILS</i>        | Specification of the number of <i>CONTAINERS</i>  |
|       | 8053                   |   | M        | an..3          | Equipment type code qualifier   | 'CN' for container                                |
|       | C237                   |   |          |                | EQUIPMENT IDENTIFICATION        |                                                   |
|       | 8260                   |   |          | an..17         | Equipment identification number | n.a.                                              |
|       | 1131                   |   |          | an..3          | Code list qualifier             | n.a.                                              |
|       | 3055                   |   |          | an..3          | Code list responsible agency    | n.a.                                              |
|       | 3207                   |   |          | an..3          | Country                         | n.a.                                              |
|       | C224                   |   | M        |                | EQUIPMENT SIZE AND TYPE         |                                                   |

| 1   | 2              | 3 | 4 | 5               | 6                                         | 7                                                                                                                                                                                                                       |
|-----|----------------|---|---|-----------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | 8155           |   | M | an..10<br>(an5) | Equipment size and type<br>identification | Container <i>range</i> :<br>'RNG20' for containers having a length between 20 and 29 feet<br>'RNG30' for containers having a length between 30 and 39 feet<br>'RNG40' for containers having a length of 40 feet or more |
|     | 1131           |   |   | an..3           | Code list qualifier                       | n.a.                                                                                                                                                                                                                    |
|     | 3055           |   |   | an..3           | Code list responsible agency              | n.a.                                                                                                                                                                                                                    |
|     | 8154           |   |   | an..35          | Equipment size and type                   | n.a.                                                                                                                                                                                                                    |
|     | 8077           |   |   | an..3           | Equipment supplier                        | n.a.                                                                                                                                                                                                                    |
|     | 8249           |   |   | an..3           | Equipment status                          | n.a.                                                                                                                                                                                                                    |
|     | 8169           |   | M | an..3           | Full/empty indicator                      | Container <i>status</i> :<br>'5' for loaded,<br>'4' for empty,<br>'6' for no volume available                                                                                                                           |
|     |                |   |   |                 |                                           |                                                                                                                                                                                                                         |
| EQD | <b>MEA (5)</b> | 1 | M | EQD(2)          | MEASUREMENTS                              | Specification of the <i>number of containers</i>                                                                                                                                                                        |
|     | 6311           |   | M | an..3<br>(an2)  | Measurement purpose qualifier             | 'NR' for number                                                                                                                                                                                                         |
|     | C502           |   |   |                 | MEASUREMENT DETAILS                       | n.a.                                                                                                                                                                                                                    |

| 1     | 2          | 3 | 4 | 5                 | 6                                    | 7                                                                                             |
|-------|------------|---|---|-------------------|--------------------------------------|-----------------------------------------------------------------------------------------------|
|       | 6313       |   |   | an..3             | Property measured                    | n.a.                                                                                          |
|       | 6321       |   |   | an..3             | Measurement significance             | n.a.                                                                                          |
|       | 6155       |   |   | an..17            | Measurement attribute identification | n.a.                                                                                          |
|       | 6154       |   |   | an..70            | Measurement attribute                | n.a.                                                                                          |
|       | C174       |   | M |                   | VALUE/RANGE                          |                                                                                               |
|       | 6411       |   | M | an..3             | Measurement unit qualifier           | 'NUM' for number (see UNECE Rec. 20, common code)                                             |
|       | 6314       |   | M | an..18<br>(n1..4) | Measurement value                    | Number of containers of the given type and status.                                            |
|       | 6162       |   |   | n..18             | Range minimum                        | n.a.                                                                                          |
|       | 6152       |   |   | n..18             | Range maximum                        | n.a.                                                                                          |
|       | 6432       |   |   | n..2              | Significant digits                   | n.a.                                                                                          |
|       | 7383       |   |   | an..3             | Surface/layer indicator              | n.a.                                                                                          |
|       |            |   |   |                   |                                      |                                                                                               |
| GRP 6 | <b>CNI</b> | 1 | M |                   | CONSIGNMENT INFORMATION              | <i>Consignment</i> (similar source/destination) specification of the transported <i>cargo</i> |
|       | 1490       |   | M | n..4              | Consolidation item number            | Sequence number of the consignment. For modifications, the same sequence number is to be used |
|       | C503       |   |   |                   | DOCUMENT/MESSAGE DETAILS             | n.a.                                                                                          |

| 1   | 2      | 3 | 4    | 5      | 6                                   | 7                                                                                                |
|-----|--------|---|------|--------|-------------------------------------|--------------------------------------------------------------------------------------------------|
|     | 1004   |   |      | an..35 | Document/message number             | n.a.                                                                                             |
|     | 1373   |   |      | an..3  | Document/message status, coded      | n.a.                                                                                             |
|     | 1366   |   |      | an..70 | Document/message source             | n.a.                                                                                             |
|     | 3453   |   |      | an..3  | Language, coded                     | n.a.                                                                                             |
|     | 1056   |   |      | an..9  | Version                             | n.a.                                                                                             |
|     | 1060   |   |      | an..6  | Revision number                     | n.a.                                                                                             |
|     | 1312   |   |      | n..4   | Consignment load sequence number    | n.a.                                                                                             |
|     |        |   |      |        |                                     |                                                                                                  |
| CNI | HAN(1) | 1 | D[1] |        |                                     |                                                                                                  |
|     | C524   |   | M    |        | HANDLING INSTRUCTIONS               |                                                                                                  |
|     | 4079   |   | M    |        | Handling instructions, coded        | Default 'T'<br>T = Transit<br>LLO = Loading<br>LDI = Unloading<br>TSP = Transit in the same port |
|     | 1131   |   |      |        | Code list qualifier                 | n.a.                                                                                             |
|     | 3055   |   |      |        | Code list responsible agency, coded | n.a.                                                                                             |
|     | 4078   |   |      |        | Handling instructions               | n.a.                                                                                             |

| 1   | 2              | 3 | 4 | 5      | 6                                              | 7                                                      |
|-----|----------------|---|---|--------|------------------------------------------------|--------------------------------------------------------|
|     | C218           |   |   |        | HAZARDOUS MATERIAL                             | n.a.                                                   |
|     | 7419           |   |   |        | Hazardous material class code, identification  | n.a.                                                   |
|     | 1131           |   |   |        | Code list qualifier                            | n.a.                                                   |
|     | 3055           |   |   |        | Code list responsible agency, coded            | n.a.                                                   |
|     | 7418           |   |   |        | Hazardous material class                       | n.a.                                                   |
|     |                |   |   |        |                                                |                                                        |
| CNI | <b>DTM (1)</b> | 1 | C |        | DATE/TIME/PERIOD                               | Estimated <i>arrival time</i> at the discharge place   |
|     | C507           |   | M |        | DATE/TIME/PERIOD                               |                                                        |
|     | 2005           |   | M | an..3  | Date or time or period function code qualifier | '132' for arrival time, estimated                      |
|     | 2380           |   | M | an..35 | Date or time period value                      | Value of arrival time: YYMMDDHHMM                      |
|     | 2379           |   | M | an..3  | Date or time or period format code             | '201' for YYMMDDHHMM                                   |
|     |                |   |   |        |                                                |                                                        |
| CNI | <b>DTM (2)</b> | 1 | C |        | DATE/TIME/PERIOD                               | Estimated <i>departure time</i> from the loading place |
|     | C507           |   | M |        | DATE/TIME/PERIOD                               |                                                        |
|     | 2005           |   | M | an..3  | Date or time or period function code qualifier | '133' for departure time, estimated                    |
|     | 2380           |   | M | an..35 | Date or time period value                      | Time: YYMMDDHHMM                                       |

| 1   | 2              | 3 | 4 | 5                  | 6                                         | 7                                                                                     |
|-----|----------------|---|---|--------------------|-------------------------------------------|---------------------------------------------------------------------------------------|
|     | 2379           |   | M | an..3              | Date or time or period format code        | ‘201’                                                                                 |
|     |                |   |   |                    |                                           |                                                                                       |
| CNI | <b>LOC (1)</b> | 1 | C |                    | PLACE/LOCATION IDENTIFICATION             | Specification of the <i>loading place</i> of the cargo                                |
|     | 3227           |   | M | an..3              | Place/location qualifier                  | ‘9’ for place/port of loading                                                         |
|     | C517           |   | M |                    | LOCATION IDENTIFICATION                   |                                                                                       |
|     | 3225           |   | M | an..25<br>(an5)    | Place/location identification             | UNECE location code (Rec. 16), of the loading place, see Annex Part II, Chapter 2.3.9 |
|     | 1131           |   |   | an..3              | Code list qualifier                       | n.a.                                                                                  |
|     | 3055           |   |   | an..3              | Code list responsible agency              | n.a.                                                                                  |
|     | 3224           |   | C | an..70<br>(an..17) | Place/location                            | Full name of the port location                                                        |
|     | C519           |   | C |                    | RELATED LOCATION ONE IDENTIFICATION       |                                                                                       |
|     | 3223           |   | M | an..25<br>(an..5)  | Related place/location one identification | Terminal code, see Annex Part II, Chapter 2.3.11                                      |
|     | 1131           |   |   | an..3              | Code list qualifier                       | n.a.                                                                                  |
|     | 3055           |   |   | an..3              | Code list responsible agency              | n.a.                                                                                  |

| 1   | 2              | 3 | 4         | 5                  | 6                                         | 7                                                               |
|-----|----------------|---|-----------|--------------------|-------------------------------------------|-----------------------------------------------------------------|
|     | 3222           |   | D [Use 1] | an..70<br>(an..17) | Related place/location one                | Full name of the terminal                                       |
|     | C553           |   | C         |                    | RELATED LOCATION TWO IDENTIFICATION       |                                                                 |
|     | 3233           |   | M         | an..25<br>(an5)    | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10         |
|     | 1131           |   |           | an..3              | Code list qualifier                       | n.a.                                                            |
|     | 3055           |   |           | an..3              | Code list responsible agency              | n.a.                                                            |
|     | 3232           |   | C         | an..70<br>(an..5)  | Related place/location two                | Fairway section hectometre                                      |
|     | 5479           |   |           | an..3              | Relation                                  | n.a.                                                            |
|     |                |   |           |                    |                                           |                                                                 |
| CNI | <b>LOC (2)</b> | 1 | C         |                    | PLACE/LOCATION IDENTIFICATION             | Specification of the <i>discharge place</i> of the cargo        |
|     | 3227           |   | M         | an..3              | Place/location qualifier                  | '11' for place/port of discharge                                |
|     | C517           |   | M         |                    | LOCATION IDENTIFICATION                   |                                                                 |
|     | 3225           |   | M         | an..25<br>(an5)    | Place/location identification             | UNECE location code (Rec. 16), see Annex Part II, Chapter 2.3.9 |
|     | 1131           |   |           | an..3              | Code list qualifier                       | n.a.                                                            |

| 1 | 2    | 3 | 4     | 5                  | 6                                            | 7                                                       |
|---|------|---|-------|--------------------|----------------------------------------------|---------------------------------------------------------|
|   | 3055 |   |       | an..3              | Code list responsible agency                 | n.a.                                                    |
|   | 3224 |   | C     | an..70<br>(an..17) | Place/location                               | Full name of the port                                   |
|   | C519 |   | C     |                    | RELATED LOCATION ONE<br>IDENTIFICATION       |                                                         |
|   | 3223 |   | M     | an..25<br>(an..5)  | Related place/location one<br>identification | Terminal code, see Annex Part II, Chapter 2.3.11        |
|   | 1131 |   |       | an..3              | Code list qualifier                          | n.a.                                                    |
|   | 3055 |   |       | an..3              | Code list responsible agency                 | n.a.                                                    |
|   | 3222 |   | D [1] | an..70<br>(an..17) | Related place/location one                   | Full name of terminal                                   |
|   | C553 |   | C     |                    | RELATED LOCATION TWO<br>IDENTIFICATION       |                                                         |
|   | 3233 |   | M     | an..25<br>(an5)    | Related place/location two<br>identification | Fairway section code, see Annex Part II, Chapter 2.3.10 |
|   | 1131 |   |       | an..3              | Code list qualifier                          | n.a.                                                    |
|   | 3055 |   |       | an..3              | Code list responsible agency                 | n.a.                                                    |
|   | 3232 |   | C     | an..70<br>(an..5)  | Related place/location two                   | Fairway section hectometre                              |

| 1                | 2              | 3 | 4 | 5                  | 6                             | 7                          |
|------------------|----------------|---|---|--------------------|-------------------------------|----------------------------|
|                  | 5479           |   |   | an..3              | Relation                      | n.a.                       |
|                  |                |   |   |                    |                               |                            |
| GRP 8<br>CNI/NAD | <b>NAD (1)</b> | 2 | C |                    | NAME AND ADDRESS              | <i>Cargo sender name</i>   |
|                  | 3035           |   | M | an..3              | Party function code qualifier | 'SF' for ship from         |
|                  | C082           |   | C |                    | PARTY IDENTIFICATION DETAILS  |                            |
|                  | 3039           |   | M | an..35<br>(an..25) | Party identifier              | EDI number of cargo sender |
|                  | 1131           |   |   | an..3              | Code list qualifier           | n.a.                       |
|                  | 3055           |   |   | an..3              | Code list responsible agency  | n.a.                       |
|                  | C058           |   | M |                    | NAME AND ADDRESS              |                            |
|                  | 3124           |   | M | an..35             | Name and address line         | Name of the Sender         |
|                  | 3124           |   |   | an..35             | Name and address line         | n.a.                       |
|                  | 3124           |   |   | an..35             | Name and address line         | n.a.                       |
|                  | 3124           |   |   | an..35             | Name and address line         | n.a.                       |
|                  | 3124           |   |   | an..35             | Name and address line         | n.a.                       |
|                  | C080           |   | M |                    | PARTY NAME                    |                            |
|                  | 3036           |   | M | an..35             | Party name                    | Ship from name             |

| 1       | 2       | 3 | 4 | 5                  | 6                                    | 7                                                                   |
|---------|---------|---|---|--------------------|--------------------------------------|---------------------------------------------------------------------|
|         | 3036    |   | C | an..35<br>(an..25) | Party name                           | Invoice number                                                      |
|         | 3036    |   |   | an..35             | Party name                           | n.a.                                                                |
|         | 3036    |   |   | an..35             | Party name                           | n.a.                                                                |
|         | 3036    |   |   | an..35             | Party name                           | n.a.                                                                |
|         | 3045    |   |   | an..3              | Party name format, coded             | n.a.                                                                |
|         | C059    |   | O |                    | STREET                               | Street                                                              |
|         | 3042    |   |   | an..35             | Street and number or post office box | Address (street name and number or post office box number)          |
|         | 3042    |   |   | an..35             | Street and number/PO box             | n.a.                                                                |
|         | 3042    |   |   | an..35             | Street and number/PO box             | n.a.                                                                |
|         | 3042    |   |   | an..35             | Street and number/PO box             | n.a.                                                                |
|         | 3164    |   | C | an..35             | City name                            | City                                                                |
|         | 3229    |   |   | an..9              | Country sub-entity identification    | n.a.                                                                |
|         | 3251    |   | C | an..9              | Postcode identification              | Postal Code                                                         |
|         | 3207    |   | C | an..3              | Country                              | ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8 |
|         |         |   |   |                    |                                      |                                                                     |
| CNI/NAD | NAD (2) | 2 | C |                    | NAME AND ADDRESS                     | Cargo receiver name                                                 |

| 1 | 2    | 3 | 4 | 5                  | 6                             | 7                               |
|---|------|---|---|--------------------|-------------------------------|---------------------------------|
|   | 3035 |   | M | an..3              | Party function code qualifier | ‘ST’ for ship to                |
|   | C082 |   | M |                    | PARTY IDENTIFICATION DETAILS  |                                 |
|   | 3039 |   | M | an..35<br>(an..25) | Party identification          | EDI number of receiver of cargo |
|   | 1131 |   |   | an..3              | Code list qualifier           | n.a.                            |
|   | 3055 |   |   | an..3              | Code list responsible agency  | n.a.                            |
|   | C058 |   | M |                    | NAME AND ADDRESS              |                                 |
|   | 3124 |   | M | an..35             | Name and address line         | Name of the recipient.          |
|   | 3124 |   |   | an..35             | Name and address line         | n.a.                            |
|   | 3124 |   |   | an..35             | Name and address line         | n.a.                            |
|   | 3124 |   |   | an..35             | Name and address line         | n.a.                            |
|   | 3124 |   |   | an..35             | Name and address line         | n.a.                            |
|   | C080 |   | M |                    | PARTY NAME                    |                                 |
|   | 3036 |   | M | an..35             | Party name                    | Ship to name                    |
|   | 3036 |   | C | an..35<br>(an..25) | Party name                    | Invoice number                  |
|   | 3036 |   |   | an..35             | Party name                    | n.a.                            |
|   | 3036 |   |   | an..35             | Party name                    | n.a.                            |

| 1   | 2                  | 3 | 4 | 5      | 6                                 | 7                                                                             |
|-----|--------------------|---|---|--------|-----------------------------------|-------------------------------------------------------------------------------|
|     | 3036               |   |   | an..35 | Party name                        | n.a.                                                                          |
|     | 3045               |   |   | an..3  | Party name format, coded          | n.a.                                                                          |
|     | C059               |   |   |        | STREET                            | Street                                                                        |
|     | 3042               |   |   | an..35 | Street and number/PO box          | Address (street name and number or post office box number)                    |
|     | 3042               |   |   | an..35 | Street and number/PO box          | n.a.                                                                          |
|     | 3042               |   |   | an..35 | Street and number/PO box          | n.a.                                                                          |
|     | 3042               |   |   | an..35 | Street and number/PO box          | n.a.                                                                          |
|     | 3164               |   | M | an..35 | City name                         | City                                                                          |
|     | 3229               |   |   | an..9  | Country sub-entity identification | n.a.                                                                          |
|     | 3251               |   |   | an..9  | Postcode identification           | Postal Code                                                                   |
|     | 3207               |   |   | an..3  | Country                           | ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8           |
|     |                    |   |   |        |                                   |                                                                               |
| CNI | <b>GID (1..99)</b> | 2 | M |        | <i>GOODS ITEM DETAILS</i>         | per vessel and per good a new GID segment                                     |
|     | 1496               |   | M | n..5   | Goods item number                 | Sequence number of the good within a consignment. Unique within the CNI group |
|     | C213               |   | C |        | NUMBER AND TYPE OF PACKAGES       |                                                                               |
|     | 7224               |   | C | n..8   | Number of packages                | For containers and tanks the default value is '1'                             |

| 1 | 2    | 3 | 4 | 5           | 6                                    | 7                                                             |
|---|------|---|---|-------------|--------------------------------------|---------------------------------------------------------------|
|   | 7065 |   | C | an..17      | Type of packages identification      | see Annex Part II, Chapter 2.3.14                             |
|   | 1131 |   |   | an..3       | Code list qualifier                  | n.a.                                                          |
|   | 3055 |   |   | an..3       | Code list responsible agency         | n.a.                                                          |
|   | 7064 |   |   | an..35      | Type of packages                     | n.a.                                                          |
|   | 7233 |   |   | an..3       | Packaging related information, coded | n.a.                                                          |
|   | C213 |   |   |             | NUMBER AND TYPE OF PACKAGES          | n.a.                                                          |
|   | 7224 |   |   | n..8        | Number of packages                   | n.a.                                                          |
|   | 7065 |   |   | an..17      | Type of packages identification      | n.a.                                                          |
|   | 1131 |   |   | an..3       | Code list qualifier                  | n.a.                                                          |
|   | 3055 |   |   | an..3       | Code list responsible agency         | n.a.                                                          |
|   | 7064 |   |   | an..35      | Type of packages                     | n.a.                                                          |
|   | 7233 |   |   | an..3       | Packaging related information        | n.a.                                                          |
|   | C213 |   | C |             | NUMBER AND TYPE OF PACKAGES          |                                                               |
|   | 7224 |   | M | n..8        | Number of packages                   | Number of inner <i>packages</i>                               |
|   | 7065 |   | M | an..17 (a2) | Type of packages identification      | UNECE recommendation No 21, see Annex Part II, Chapter 2.3.14 |
|   | 1131 |   |   | an..3       | Code list qualifier                  | n.a.                                                          |

| 1                 | 2              | 3 | 4 | 5                  | 6                             | 7                                                                                             |
|-------------------|----------------|---|---|--------------------|-------------------------------|-----------------------------------------------------------------------------------------------|
|                   | 3055           |   |   | an..3              | Code list responsible agency  | n.a.                                                                                          |
|                   | 7064           |   |   | an..35             | Type of packages              | n.a.                                                                                          |
|                   | 7233           |   |   | an..3              | Packaging related information | n.a.                                                                                          |
|                   |                |   |   |                    |                               |                                                                                               |
| GRP 10<br>CNI/GID | <b>FTX (1)</b> | 2 | C |                    | FREE TEXT                     | Extra goods information                                                                       |
|                   | 4451           |   | M | an..3              | Text subject code qualifier   | 'ACB' for additional information                                                              |
|                   | 4453           |   |   | an..3              | Free text function code       | n.a.                                                                                          |
|                   | C107           |   |   |                    | TEXT REFERENCE                |                                                                                               |
|                   | 4441           |   |   | an..17             | Free text identification      | n.a.                                                                                          |
|                   | 1131           |   |   | an..3              | Code list qualifier           | n.a.                                                                                          |
|                   | 3055           |   |   | an..3              | Code list responsible agency  | n.a.                                                                                          |
|                   | C108           |   | M |                    | TEXT LITERAL                  |                                                                                               |
|                   | 4440           |   | M | an..70<br>(an1)    | Free text                     | type of good:<br>'D' for Dangerous<br>'N' for Non-dangerous                                   |
|                   | 4440           |   | C | an..70<br>(n6..10) | Free text                     | HS code, may be left blank if unknown and/good is dangerous, see chapter 2.6 of this Appendix |

| 1       | 2              | 3 | 4 | 5                  | 6                           | 7                                                                                                       |
|---------|----------------|---|---|--------------------|-----------------------------|---------------------------------------------------------------------------------------------------------|
|         | 4440           |   | C | an..70<br>(a..4)   | Free text                   | Customs status:<br>'C' = Union goods<br>'F' = Union goods from non-fiscal area<br>'N' = All other goods |
|         | 4440           |   | C | an..70<br>(an..35) | Free text                   | Customs document reference <i>number</i> if any                                                         |
|         | 4440           |   | C | an..70<br>(an1)    | Free text                   | Overseas destination<br>'Y' = with overseas destination<br>'N' = without an overseas destination        |
|         | 3453           |   |   | an..3              | Language                    | n.a.                                                                                                    |
|         | 4447           |   |   | an..3              | Text formatting             | n.a.                                                                                                    |
|         |                |   |   |                    |                             |                                                                                                         |
| CNI/GID | <b>FTX (2)</b> | 3 | C |                    | FREE TEXT                   | <i>Goods description of non-dangerous cargo</i>                                                         |
|         | 4451           |   | M | an..3              | Text subject code qualifier | 'AAA' for goods description                                                                             |
|         | 4453           |   |   | an..3              | Free text function code     | n.a.                                                                                                    |
|         | C107           |   |   |                    | TEXT REFERENCE              | n.a.                                                                                                    |
|         | 4441           |   |   | an..17             | Free text identification    | n.a.                                                                                                    |
|         | 1131           |   |   | an..3              | Code list qualifier         | n.a.                                                                                                    |

| 1                 | 2                  | 3 | 4         | 5                  | 6                               | 7                                                                                                                |
|-------------------|--------------------|---|-----------|--------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------|
|                   | 3055               |   |           | an..3              | Code list responsible agency    | n.a.                                                                                                             |
|                   | C108               |   | M         |                    | TEXT LITERAL                    |                                                                                                                  |
|                   | 4440               |   | M         | an..70             | Free text                       | Goods <i>name</i> of the non-dangerous cargo                                                                     |
|                   | 4440               |   |           |                    |                                 | n.a.                                                                                                             |
|                   | 4440               |   | D [Use 3] | an..70<br>(n6..10) | Free text                       | <i>HS code</i> of the non-dangerous cargo, see Annex Part II, Chapter 2.3.4                                      |
|                   | 4440               |   | D [Use 3] | an..70<br>(n4)     | Free text                       | NST code of the non-dangerous cargo, see Annex Part II, Chapter 2.3.5                                            |
|                   | 4440               |   |           | an..70             | Free text                       | n.a.                                                                                                             |
|                   | 3453               |   |           | an..3              | Language, coded                 | n.a.                                                                                                             |
|                   | 4447               |   |           | an..3              | Text formatting                 | n.a.                                                                                                             |
|                   |                    |   |           |                    |                                 |                                                                                                                  |
| GRP 11<br>CNI/GID | <b>SGP (1..99)</b> | 3 | C         |                    | <i>SPLIT GOODS PLACEMENT</i>    | <i>Specification of the location of the non-dangerous cargo within the means of transport</i>                    |
|                   | C237               |   | M         |                    | EQUIPMENT IDENTIFICATION        |                                                                                                                  |
|                   | 8260               |   | M         | an..17<br>(an7..8) | Equipment identification number | <i>Ship number: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)</i> |

| 1           | 2          | 3 | 4 | 5      | 6                                    | 7                                                                                                                                                       |
|-------------|------------|---|---|--------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | 1131       |   | M | an..3  | Code list qualifier                  | 'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2<br>'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3 |
|             | 3055       |   |   | an..3  | Code list responsible agency         | n.a.                                                                                                                                                    |
|             | 3207       |   |   | an..3  | Country                              | n.a.                                                                                                                                                    |
|             | 7224       |   |   | n..8   | Number of packages                   | n.a.                                                                                                                                                    |
|             |            |   |   |        |                                      |                                                                                                                                                         |
| CNI/GID/SGP | <b>MEA</b> | 3 | M |        | MEASUREMENTS                         | <i>Specification of the weight of a non-dangerous good on board the vessel</i>                                                                          |
|             | 6311       |   | M | an..3  | Measurement purpose qualifier        | 'WT' for weights                                                                                                                                        |
|             | C502       |   | M |        | MEASUREMENT DETAILS                  |                                                                                                                                                         |
|             | 6313       |   | M | an..3  | Property measured                    | 'AAL' for net weight including normal packing                                                                                                           |
|             | 6321       |   |   | an..3  | Measurement significance             | n.a.                                                                                                                                                    |
|             | 6155       |   |   | an..17 | Measurement attribute identification | n.a.                                                                                                                                                    |
|             | 6154       |   |   | an..70 | Measurement attribute                | n.a.                                                                                                                                                    |
|             | C174       |   | M |        | VALUE/RANGE                          |                                                                                                                                                         |
|             | 6411       |   | M | an..3  | Measurement unit qualifier           | 'KGM' for kilogram (UNECE Rec. 20)                                                                                                                      |

| 1           | 2    | 3 | 4 | 5              | 6                                    | 7                                                                                     |
|-------------|------|---|---|----------------|--------------------------------------|---------------------------------------------------------------------------------------|
|             | 6314 |   | M | an..18<br>(n9) | Measurement value                    | weight in kilogram                                                                    |
|             | 6162 |   |   | n..18          | Range minimum                        | n.a.                                                                                  |
|             | 6152 |   |   | n..18          | Range maximum                        | n.a.                                                                                  |
|             | 6432 |   |   | an..2          | Significant digits                   | n.a.                                                                                  |
|             | 7383 |   |   | an..3          | Surface/layer indicator              | n.a.                                                                                  |
|             |      |   |   |                |                                      |                                                                                       |
| CNI/GID/SGP | MEA  | 3 | C |                | MEASUREMENTS                         | <i>Specification of the tonnage of a non-dangerous good on board the vessel</i>       |
|             | 6311 |   | M | an..3          | Measurement purpose qualifier        | 'VOL' for volume                                                                      |
|             | C502 |   | M |                | MEASUREMENT DETAILS                  |                                                                                       |
|             | 6313 |   | M | an..3          | Property measured                    | 'AAX' The observed volume after adjustment for factors such as temperature or gravity |
|             | 6321 |   |   | an..3          | Measurement significance             | n.a.                                                                                  |
|             | 6155 |   |   | an..17         | Measurement attribute identification | n.a.                                                                                  |
|             | 6154 |   |   | an..70         | Measurement attribute                | n.a.                                                                                  |
|             | C174 |   | M |                | VALUE/RANGE                          |                                                                                       |
|             | 6411 |   | M | an..3          | Measurement unit qualifier           | 'TNE' for metric ton (UNECE Rec. 20)                                                  |

| 1                 | 2          | 3 | 4        | 5              | 6                                           | 7                                                                                                                              |
|-------------------|------------|---|----------|----------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|                   | 6314       |   | M        | an..18<br>(n9) | Measurement value                           | Tonnage                                                                                                                        |
|                   | 6162       |   |          | n..18          | Range minimum                               | n.a.                                                                                                                           |
|                   | 6152       |   |          | n..18          | Range maximum                               | n.a.                                                                                                                           |
|                   | 6432       |   |          | an..2          | Significant digits                          | n.a.                                                                                                                           |
|                   | 7383       |   |          | an..3          | Surface/layer indicator                     | n.a.                                                                                                                           |
|                   |            |   |          |                |                                             |                                                                                                                                |
| GRP 12<br>CNI/GID | <b>DGS</b> | 3 | M        |                | <i>DANGEROUS GOODS</i>                      | <i>Dangerous goods identification</i>                                                                                          |
|                   | 8273       |   | M        | an..3          | Dangerous goods regulations                 | 'ADN' for inland vessels (UNECE ADN Code) 'IMD' for sea going vessels (IMO IMDG code)                                          |
|                   | C205       |   | M        |                | HAZARD CODE                                 |                                                                                                                                |
|                   | 8351       |   | D[USE 5] | an..7          | Hazard code identification                  | ADN Classification (Column 3a), or IMDG code, see Annex Part II, Chapter 2.3.7 or 2.3.6                                        |
|                   | 8078       |   | D[USE 5] | an..7          | Additional hazard classification identifier | ADN Classification (Column 3b), see Annex Part II, Chapter 2.3.7                                                               |
|                   | 8092       |   |          | an..10         | Hazard code version number                  | n.a.                                                                                                                           |
|                   | C234       |   | M        |                | UNDG INFORMATION                            |                                                                                                                                |
|                   | 7124       |   | M        | n4             | UNDG number                                 | UN number or identification number (Column 1) (UNNR code), see Annex Part II, Chapter 2.3.7, or IMDG number, see Chapter 2.3.6 |

| 1 | 2    | 3 | 4        | 5      | 6                                              | 7                                                                                                                           |
|---|------|---|----------|--------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|   | 7088 |   |          | an..8  | Dangerous goods flashpoint                     | n.a.                                                                                                                        |
|   | C223 |   | C        |        | DANGEROUS GOODS SHIPMENT FLASHPOINT            |                                                                                                                             |
|   | 7106 |   | M        | n..3   | Shipment flashpoint                            | Flashpoint of the good transported                                                                                          |
|   | 6411 |   | M        | an..3  | Measure unit qualifier                         | 'CEL' for Celsius<br>'FAH' for Fahrenheit                                                                                   |
|   | 8339 |   | C        | an..3  | Packing group                                  | Packing group (column 4)<br>'1' for great danger<br>'2' for medium danger<br>'3' for minor danger<br>Empty if not available |
|   | 8364 |   | C        | an..6  | EMS number                                     | Emergency procedures                                                                                                        |
|   | 8410 |   | C        | an..4  | MFAG number                                    | Medical first aid guide                                                                                                     |
|   | 8126 |   |          | an..10 | TREM card number                               | n.a.                                                                                                                        |
|   | C235 |   | C        |        | HAZARD IDENTIFICATION PLAC-<br>ARD DETAILS     | Placards mandatory for dangerous goods on dry cargo vessels                                                                 |
|   | 8158 |   | M        | an..4  | Hazard identification number,<br>upper part    | see ADN                                                                                                                     |
|   | 8186 |   | M        | an..4  | Substance identification number,<br>lower part | see ADN                                                                                                                     |
|   | C236 |   | D[USE 5] |        | DANGEROUS GOODS LABEL                          | Dangerous labels.                                                                                                           |

| 1           | 2              | 3 | 4        | 5      | 6                              | 7                                                                         |
|-------------|----------------|---|----------|--------|--------------------------------|---------------------------------------------------------------------------|
|             | 8246           |   | M        | an..4  | Dangerous goods label marking  | ADN Labels, (Column 5)                                                    |
|             | 8246           |   |          | an..4  | Dangerous goods label marking  | n.a.                                                                      |
|             | 8246           |   |          | an..4  | Dangerous goods label marking  | n.a.                                                                      |
|             | 8255           |   |          | an..3  | Packing instruction            | n.a.                                                                      |
|             | 8325           |   |          | an..3  | Category of means of transport | n.a.                                                                      |
|             | 8211           |   |          | an..3  | Permission for transport       | n.a.                                                                      |
|             |                |   |          |        |                                |                                                                           |
| CNI/GID/DGS | <b>FTX (1)</b> | 3 | M        |        | FREE TEXT                      | <i>Dangerous good description</i>                                         |
|             | 4451           |   | M        | an..3  | Text subject code qualifier    | 'AAD' for dangerous goods, proper shipping name and <i>technical</i> name |
|             | 4453           |   |          | an..3  | Free text function code        | n.a.                                                                      |
|             | C107           |   | D[USE 5] |        | TEXT REFERENCE                 | GOODS HAZARD LIMITED QUANTITIES INDICATOR                                 |
|             | 4441           |   | M        | an..17 | Free text identification       | 'TLQ' <i>Transport of dangerous goods in limited quantities</i>           |
|             | 1131           |   |          | an..3  | Code list qualifier            | n.a.                                                                      |
|             | 3055           |   |          | an..3  | Code list responsible agency   | n.a.                                                                      |
|             | C108           |   | M        |        | TEXT LITERAL                   |                                                                           |

| 1           | 2          | 3 | 4        | 5      | 6                               | 7                                                                                                                                                                                                                                                                                                                                     |
|-------------|------------|---|----------|--------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | 4440       |   | M        | an..70 | Free text                       | Name of dangerous good ( <i>proper shipping name</i> )<br><i>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.</i> |
|             | 4440       |   | D[USE 5] | an..70 | Free text value                 | Correct Technical Name                                                                                                                                                                                                                                                                                                                |
|             | 4440       |   |          | an..70 | Free text                       | n.a.                                                                                                                                                                                                                                                                                                                                  |
|             | 4440       |   |          | an..70 | Free text                       | n.a.                                                                                                                                                                                                                                                                                                                                  |
|             | 4440       |   |          | an..70 | Free text                       | n.a.                                                                                                                                                                                                                                                                                                                                  |
|             | 3453       |   | M        | an..3  | Language                        | as specified in ISO 639-1                                                                                                                                                                                                                                                                                                             |
|             | 4447       |   |          | an..3  | Text formatting                 | n.a.                                                                                                                                                                                                                                                                                                                                  |
|             |            |   |          |        |                                 |                                                                                                                                                                                                                                                                                                                                       |
| CNI/GID/DGS |            |   |          |        |                                 |                                                                                                                                                                                                                                                                                                                                       |
|             |            |   |          |        |                                 |                                                                                                                                                                                                                                                                                                                                       |
| CNI/GID/DGS | <b>MEA</b> | 3 | M        |        | MEASUREMENTS                    | <i>Total weight of the dangerous good within a transport</i>                                                                                                                                                                                                                                                                          |
|             | 6311       |   | M        | an..3  | Measurement purpose qualifier   | ‘WT’ for weights                                                                                                                                                                                                                                                                                                                      |
|             | C502       |   | M        |        | MEASUREMENT DETAILS             |                                                                                                                                                                                                                                                                                                                                       |
|             | 6313       |   | M        | an..3  | Property measured               | ‘AAL’ for net weight including normal packing                                                                                                                                                                                                                                                                                         |
|             | 6321       |   |          | an..3  | Measurement significance, coded | n.a.                                                                                                                                                                                                                                                                                                                                  |

| 1           | 2          | 3 | 4 | 5              | 6                                    | 7                                                                                     |
|-------------|------------|---|---|----------------|--------------------------------------|---------------------------------------------------------------------------------------|
|             | 6155       |   |   | an..17         | Measurement attribute identification | n.a.                                                                                  |
|             | 6154       |   |   | an..70         | Measurement attribute                | n.a.                                                                                  |
|             | C174       |   | M |                | VALUE/RANGE                          |                                                                                       |
|             | 6411       |   | M | an..3          | Measurement unit qualifier           | 'KGM' for kilogram (UNECE Rec. 20)                                                    |
|             | 6314       |   | M | an..18<br>(n9) | Measurement value                    | Weight of the dangerous good in the consignment                                       |
|             | 6162       |   |   | n..18          | Range minimum                        | n.a.                                                                                  |
|             | 6152       |   |   | n..18          | Range maximum                        | n.a.                                                                                  |
|             | 6432       |   |   | n..2           | Significant digits                   | n.a.                                                                                  |
|             | 7383       |   |   | an..3          | Surface/layer indicator              | n.a.                                                                                  |
|             |            |   |   |                |                                      |                                                                                       |
| CNI/GID/DGS | <b>MEA</b> | 3 | M |                | MEASUREMENTS                         | <i>Total volume of the dangerous good within a transport</i>                          |
|             | 6311       |   | M | an..3          | Measurement purpose qualifier        | 'VOL' for weights                                                                     |
|             | C502       |   | M |                | MEASUREMENT DETAILS                  |                                                                                       |
|             | 6313       |   | M | an..3          | Property measured                    | 'AAX' The observed volume after adjustment for factors such as temperature or gravity |
|             | 6321       |   |   | an..3          | Measurement significance, coded      | n.a.                                                                                  |
|             | 6155       |   |   | an..17         | Measurement attribute identification | n.a.                                                                                  |

| 1                     | 2                  | 3 | 4 | 5                  | 6                               | 7                                                                                                                                                                                                                                                               |
|-----------------------|--------------------|---|---|--------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | 6154               |   |   | an..70             | Measurement attribute           | n.a.                                                                                                                                                                                                                                                            |
|                       | C174               |   | M |                    | VALUE/RANGE                     |                                                                                                                                                                                                                                                                 |
|                       | 6411               |   | M | an..3              | Measurement unit qualifier      | 'TNE' for metric ton (UN/ECE Rec. 20)                                                                                                                                                                                                                           |
|                       | 6314               |   | M | an..18<br>(n9)     | Measurement value               | Tonnage                                                                                                                                                                                                                                                         |
|                       | 6162               |   |   | n..18              | Range minimum                   | n.a.                                                                                                                                                                                                                                                            |
|                       | 6152               |   |   | n..18              | Range maximum                   | n.a.                                                                                                                                                                                                                                                            |
|                       | 6432               |   |   | n..2               | Significant digits              | n.a.                                                                                                                                                                                                                                                            |
|                       | 7383               |   |   | an..3              | Surface/layer indicator         | n.a.                                                                                                                                                                                                                                                            |
|                       |                    |   |   |                    |                                 |                                                                                                                                                                                                                                                                 |
| GRP 13<br>CNI/GID/DGS | <b>SGP (1..99)</b> | 4 | M |                    | <i>SPLIT GOODS PLACEMENT</i>    | <i>Specification of the location of the goods.</i><br>For the transported cargo, this segment shall contain the identification of the vessel (barge) the cargo is stowed on.<br>Remark: Cargo means, in this context, container, liquid cargo and general cargo |
|                       |                    |   | M |                    | EQUIPMENT IDENTIFICATION        |                                                                                                                                                                                                                                                                 |
|                       | C237               |   | M | an..17<br>(an7..8) | Equipment identification number | Ship number: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)                                                                                                                                                       |

| 1               | 2          | 3 | 4 | 5              | 6                                    | 7                                                                                                                                                       |
|-----------------|------------|---|---|----------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | 8260       |   | M | an..3          | Code list qualifier                  | 'IMO' for an IMO-number, see Annex Part II, Chapter 2.3.2<br>'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3 |
|                 | 1131       |   |   | an..3          | Code list responsible agency         | n.a.                                                                                                                                                    |
|                 | 3055       |   |   | an..3          | Country                              | n.a.                                                                                                                                                    |
|                 | 3207       |   |   | n..8           | Number of packages                   | n.a.                                                                                                                                                    |
|                 | 7224       |   |   |                |                                      |                                                                                                                                                         |
| CNI/GID/DGS/SGP | <b>MEA</b> | 5 | M |                | MEASUREMENTS                         | <i>Total of the goods within the vessel</i>                                                                                                             |
|                 | 6311       |   | M | an..3          | Measurement purpose qualifier        | 'WT' for weights                                                                                                                                        |
|                 | C502       |   | M |                | MEASUREMENT DETAILS                  |                                                                                                                                                         |
|                 | 6313       |   | M | an..3          | Property measured                    | 'AAL' for net weight including normal packing                                                                                                           |
|                 | 6321       |   |   | an..3          | Measurement significance, coded      | n.a.                                                                                                                                                    |
|                 | 6155       |   |   | an..17         | Measurement attribute identification | n.a.                                                                                                                                                    |
|                 | 6154       |   |   | an..70         | Measurement attribute                | n.a.                                                                                                                                                    |
|                 | C174       |   | M |                | VALUE/RANGE                          |                                                                                                                                                         |
|                 | 6411       |   | M | an..3          | Measurement unit qualifier           | 'KGM' for kilogram (UNECE Rec. 20)                                                                                                                      |
|                 | 6314       |   | M | an..18<br>(n9) | Measurement value                    | Weight of the goods in the vessel                                                                                                                       |

| 1               | 2          | 3 | 4 | 5              | 6                                    | 7                                                                                     |
|-----------------|------------|---|---|----------------|--------------------------------------|---------------------------------------------------------------------------------------|
|                 | 6162       |   |   | n..18          | Range minimum                        | n.a.                                                                                  |
|                 | 6152       |   |   | n..18          | Range maximum                        | n.a.                                                                                  |
|                 | 6432       |   |   | n..2           | Significant digits                   | n.a.                                                                                  |
|                 | 7383       |   |   | an..3          | Surface/layer indicator              | n.a.                                                                                  |
|                 |            |   |   |                |                                      |                                                                                       |
| CNI/GID/DGS/SGP | <b>MEA</b> | 5 | C |                | MEASUREMENTS                         | <i>Total tonnage of the goods within the vessel</i>                                   |
|                 | 6311       |   | M | an..3          | Measurement purpose qualifier        | 'VOL' for volume                                                                      |
|                 | C502       |   | M |                | MEASUREMENT DETAILS                  |                                                                                       |
|                 | 6313       |   | M | an..3          | Property measured                    | 'AAX' The observed volume after adjustment for factors such as temperature or gravity |
|                 | 6321       |   |   | an..3          | Measurement significance, coded      | n.a.                                                                                  |
|                 | 6155       |   |   | an..17         | Measurement attribute identification | n.a.                                                                                  |
|                 | 6154       |   |   | an..70         | Measurement attribute                | n.a.                                                                                  |
|                 | C174       |   | M |                | VALUE/RANGE                          |                                                                                       |
|                 | 6411       |   | M | an..3          | Measurement unit qualifier           | 'TNE' for metric ton (UNECE Rec. 20)                                                  |
|                 | 6314       |   | M | an..18<br>(n9) | Measurement value                    | Tonnage                                                                               |
|                 | 6162       |   |   | n..18          | Range minimum                        | n.a.                                                                                  |

| 1               | 2          | 3 | 4 | 5      | 6                               | 7                                                                                                                                                                                                                               |
|-----------------|------------|---|---|--------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | 6152       |   |   | n..18  | Range maximum                   | n.a.                                                                                                                                                                                                                            |
|                 | 6432       |   |   | n..2   | Significant digits              | n.a.                                                                                                                                                                                                                            |
|                 | 7383       |   |   | an..3  | Surface/layer indicator         | n.a.                                                                                                                                                                                                                            |
|                 |            |   |   |        |                                 |                                                                                                                                                                                                                                 |
| CNI/GID/DGS     | <b>SGP</b> | 4 | C |        | SPLIT GOODS PLACEMENT           | <i>The location of the goods if in containers or tanks. If the goods are transported in containers or tanks at least one SGP combination specifying the ship on which the cargo is stowed shall be specified.</i>               |
|                 | C237       |   | M |        | EQUIPMENT IDENTIFICATION        | Identification                                                                                                                                                                                                                  |
|                 | 8260       |   | M | an..17 | Equipment identification number | <i>For containers the Container identification code shall be used(owner code, identifier, serial number. check digit), see Annex Part II, Chapter 2.3.13<br/>For the transport of liquid cargo the code 'NA' shall be used.</i> |
|                 | 1131       |   |   | an..3  | Code list qualifier             | n.a.                                                                                                                                                                                                                            |
|                 | 3055       |   |   | an..3  | Code list responsible agency    | n.a.                                                                                                                                                                                                                            |
|                 | 3207       |   |   | an..3  | Country                         | n.a.                                                                                                                                                                                                                            |
|                 | 7224       |   |   | n..8   | Number of packages              | n.a.                                                                                                                                                                                                                            |
|                 |            |   |   |        |                                 |                                                                                                                                                                                                                                 |
| CNI/GID/DGS/SGP | <b>LOC</b> | 4 | C |        | PLACE/LOCATION IDENTIFICATION   | <i>Stowage location</i>                                                                                                                                                                                                         |

| 1 | 2    | 3 | 4 | 5      | 6                                         | 7                                                                                                                                                                                                                                                                                                                                                                                                        |
|---|------|---|---|--------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 3227 |   | M | an..3  | Place/location qualifier                  | For containers:<br>'147' for stowage cell<br>For tanks and other cargo:<br>'ZZZ' Mutually defined                                                                                                                                                                                                                                                                                                        |
|   | C517 |   | M |        | LOCATION IDENTIFICATION                   |                                                                                                                                                                                                                                                                                                                                                                                                          |
|   | 3225 |   | M | an..25 | Place/location identification             | For containers 'BBBRTT' for bay/row/tier<br>(In accordance with ISO 9711-1 (1990))<br>For tanks:<br>LLnn where<br>— LL describes the location of the tank (PS for port side, SB for starboard, CC for Center side, CP for Center portside, CS for Center starboard (in case of 4-width configuration))<br>— nn describes the sequence number of the tank, starting with 01 from front to nn to the back. |
|   | 1131 |   |   | an..3  | Code list qualifier                       | n.a.                                                                                                                                                                                                                                                                                                                                                                                                     |
|   | 3055 |   |   | an..3  | Code list responsible agency              | n.a.                                                                                                                                                                                                                                                                                                                                                                                                     |
|   | 3224 |   |   | an..70 | Place/location                            | n.a.                                                                                                                                                                                                                                                                                                                                                                                                     |
|   | C519 |   |   |        | RELATED LOCATION ONE IDENTIFICATION       | n.a.                                                                                                                                                                                                                                                                                                                                                                                                     |
|   | 3223 |   |   | an..25 | Related place/location one identification | n.a.                                                                                                                                                                                                                                                                                                                                                                                                     |

| 1               | 2          | 3 | 4        | 5      | 6                                         | 7                                                               |
|-----------------|------------|---|----------|--------|-------------------------------------------|-----------------------------------------------------------------|
|                 | 1131       |   |          | an..3  | Code list qualifier                       | n.a.                                                            |
|                 | 3055       |   |          | an..3  | Code list responsible agency              | n.a.                                                            |
|                 | 3222       |   |          | an..70 | Related place/location one                | n.a.                                                            |
|                 | C553       |   |          |        | RELATED LOCATION TWO IDENTIFICATION       | n.a.                                                            |
|                 | 3233       |   |          | an..25 | Related place/location two identification | n.a.                                                            |
|                 | 1131       |   |          | an 3   | Code list qualifier                       | n.a.                                                            |
|                 | 3055       |   |          | an..3  | Code list responsible agency              | n.a.                                                            |
|                 | 3232       |   |          | an..70 | Related place/location two                | n.a.                                                            |
|                 | 5479       |   |          | an 3   | Relation                                  | n.a.                                                            |
|                 |            |   |          |        |                                           |                                                                 |
| CNI/GID/DGS/SGP | <b>MEA</b> | 4 | D[6]     |        | MEASUREMENTS                              | <i>Specification of the weight of the good in the container</i> |
|                 | 6311       |   | M        | an..3  | Measurement purpose qualifier             | 'WT' for weights                                                |
|                 | C502       |   | M        |        | MEASUREMENT DETAILS                       |                                                                 |
|                 | 6313       |   | M        | an..3  | Property measured                         | 'AAL' for net weight including normal packing                   |
|                 | 6321       |   |          | an..3  | Measurement significance, coded           | n.a.                                                            |
|                 | 6155       |   |          | an..17 | Measurement attribute identification      | n.a.                                                            |
|                 | 6154       |   | D[Use 4] | an..70 | Measurement attribute                     | Container type (ISO 6346 chapter 4 and annexes D and E)         |

| 1               | 2          | 3 | 4    | 5              | 6                                    | 7                                                                                     |
|-----------------|------------|---|------|----------------|--------------------------------------|---------------------------------------------------------------------------------------|
|                 | C174       |   | M    |                | VALUE/RANGE                          |                                                                                       |
|                 | 6411       |   | M    | an..3          | Measurement unit qualifier           | 'KGM' for kilogram (UNECE Rec. 20)                                                    |
|                 | 6314       |   | M    | an..18<br>(n9) | Measurement value                    | Weight of the good in this container                                                  |
|                 | 6162       |   |      | n..18          | Range minimum                        | n.a.                                                                                  |
|                 | 6152       |   |      | n..18          | Range maximum                        | n.a.                                                                                  |
|                 | 6432       |   |      | n..2           | Significant digits                   | n.a.                                                                                  |
|                 | 7383       |   |      | an..3          | Surface/layer indicator              | n.a.                                                                                  |
|                 |            |   |      |                |                                      |                                                                                       |
| CNI/GID/DGS/SGP | <b>MEA</b> | 4 | D[6] |                | MEASUREMENTS                         | <i>Total tonnage of the goods within the vessel</i>                                   |
|                 | 6311       |   | M    | an..3          | Measurement purpose qualifier        | 'VOL' for weights                                                                     |
|                 | C502       |   | M    |                | MEASUREMENT DETAILS                  |                                                                                       |
|                 | 6313       |   | M    | an..3          | Property measured                    | 'AAX' The observed volume after adjustment for factors such as temperature or gravity |
|                 | 6321       |   |      | an..3          | Measurement significance, coded      | n.a.                                                                                  |
|                 | 6155       |   |      | an..17         | Measurement attribute identification | n.a.                                                                                  |
|                 | 6154       |   |      | an..70         | Measurement attribute                | n.a.                                                                                  |
|                 | C174       |   | M    |                | VALUE/RANGE                          |                                                                                       |

| 1           | 2          | 3 | 4 | 5              | 6                               | 7                                                                                                                                                                                                                                      |
|-------------|------------|---|---|----------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | 6411       |   | M | an..3          | Measurement unit qualifier      | 'TNE' for metric ton (UNECE Rec. 20)                                                                                                                                                                                                   |
|             | 6314       |   | M | an..18<br>(n9) | Measurement value               | Tonnage                                                                                                                                                                                                                                |
|             | 6162       |   |   | n..18          | Range minimum                   | n.a.                                                                                                                                                                                                                                   |
|             | 6152       |   |   | n..18          | Range maximum                   | n.a.                                                                                                                                                                                                                                   |
|             | 6432       |   |   | n..2           | Significant digits              | n.a.                                                                                                                                                                                                                                   |
|             | 7383       |   |   | an..3          | Surface/layer indicator         | n.a.                                                                                                                                                                                                                                   |
|             |            |   |   |                |                                 |                                                                                                                                                                                                                                        |
| CNI/GID/DGS | <b>SGP</b> | 4 | C |                | <i>SPLIT GOODS PLACEMENT</i>    | <i>The total weight of the container.</i>                                                                                                                                                                                              |
|             | C237       |   | M |                | EQUIPMENT IDENTIFICATION        | Identification                                                                                                                                                                                                                         |
|             | 8260       |   | M | an..17         | Equipment identification number | <i>For containers the Container identification code shall be used (owner code, identifier, serial number, check digit), see Annex Part II, Chapter 2.3.13</i><br><i>For the transport of liquid cargo the code 'NA' shall be used.</i> |
|             | 1131       |   |   | an..3          | Code list qualifier             | n.a.                                                                                                                                                                                                                                   |
|             | 3055       |   |   | an..3          | Code list responsible agency    | n.a.                                                                                                                                                                                                                                   |
|             | 3207       |   |   | an..3          | Country                         | n.a.                                                                                                                                                                                                                                   |
|             | 7224       |   |   | n..8           | Number of packages              | n.a.                                                                                                                                                                                                                                   |

| 1               | 2          | 3 | 4        | 5              | 6                                    | 7                                                                    |
|-----------------|------------|---|----------|----------------|--------------------------------------|----------------------------------------------------------------------|
|                 |            |   |          |                |                                      |                                                                      |
| CNI/GID/DGS/SGP | <b>MEA</b> | 4 | D[USE 7] |                | MEASUREMENTS                         | <i>Specification of the verified gross mass of this container</i>    |
|                 | 6311       |   | M        | an..3          | Measurement purpose qualifier        | 'WT' for weights                                                     |
|                 | C502       |   | M        |                | MEASUREMENT DETAILS                  |                                                                      |
|                 | 6313       |   | M        | an..3          | Property measured                    | 'VGM' Transport equipment verified gross mass                        |
|                 | 6321       |   |          | an..3          | Measurement significance, coded      | n.a.                                                                 |
|                 | 6155       |   |          | an..17         | Measurement attribute identification | n.a.                                                                 |
|                 | 6154       |   |          | an..70         | Measurement attribute                | n.a.                                                                 |
|                 | C174       |   | M        |                | VALUE/RANGE                          |                                                                      |
|                 | 6411       |   | M        | an..3          | Measurement unit qualifier           | 'KGM' for kilogram (UNECE Rec. 20)                                   |
|                 | 6314       |   | M        | an..18<br>(n9) | Measurement value                    | Verified gross mass (Weight) of this container                       |
|                 | 6162       |   |          | n..18          | Range minimum                        | n.a.                                                                 |
|                 | 6152       |   |          | n..18          | Range maximum                        | n.a.                                                                 |
|                 | 6432       |   |          | n..2           | Significant digits                   | n.a.                                                                 |
|                 | 7383       |   |          | an..3          | Surface/layer indicator              | n.a.                                                                 |
|                 |            |   |          |                |                                      |                                                                      |
| CNI/GID/DGS/SGP | <b>MEA</b> | 4 | D[USE 7] |                | MEASUREMENTS                         | <i>Specification of the Estimated gross weight of this container</i> |

| 1 | 2    | 3 | 4 | 5              | 6                                    | 7                                                     |
|---|------|---|---|----------------|--------------------------------------|-------------------------------------------------------|
|   | 6311 |   | M | an..3          | Measurement purpose qualifier        | 'WT' for weights                                      |
|   | C502 |   | M |                | MEASUREMENT DETAILS                  |                                                       |
|   | 6313 |   | M | an..3          | Property measured                    | 'ACN' Estimated gross weight                          |
|   | 6321 |   |   | an..3          | Measurement significance, coded      | n.a.                                                  |
|   | 6155 |   |   | an..17         | Measurement attribute identification | n.a.                                                  |
|   | 6154 |   |   | an..70         | Measurement attribute                | n.a.                                                  |
|   | C174 |   | M |                | VALUE/RANGE                          |                                                       |
|   | 6411 |   | M | an..3          | Measurement unit qualifier           | 'KGM' for kilogram (UNECE Rec. 20)                    |
|   | 6314 |   | M | an..18<br>(n9) | Measurement value                    | Estimated gross weight of this container              |
|   | 6162 |   |   | n..18          | Range minimum                        | n.a.                                                  |
|   | 6152 |   |   | n..18          | Range maximum                        | n.a.                                                  |
|   | 6432 |   |   | n..2           | Significant digits                   | n.a.                                                  |
|   | 7383 |   |   | an..3          | Surface/layer indicator              | n.a.                                                  |
|   |      |   |   |                |                                      |                                                       |
|   | UNT  | 0 | M |                | MESSAGE TRAILER                      | <i>End and control of completeness of the message</i> |

| 1 | 2          | 3 | 4 | 5      | 6                               | 7                                                       |
|---|------------|---|---|--------|---------------------------------|---------------------------------------------------------|
|   | 0074       |   | M | n..6   | Number of segments in a message |                                                         |
|   | 0062       |   | M | an..14 | Message reference number        | First 14 positions of the message reference number      |
|   |            |   |   |        |                                 |                                                         |
|   | <b>UNZ</b> |   | M |        | <i>INTERCHANGE TRAILER</i>      | <i>End and control of the interchange</i>               |
|   | 0036       |   | M | n..6   | Interchange control count       | '1' for number of messages contained in the interchange |
|   | 0020       |   | M | an..14 | Interchange control reference   | First 14 positions of the message reference number      |

## 2.1 Clarification regarding the use of the CNI and GID segments

| Segment Group | Segment<br>Composite data<br>element (C)<br>Data element<br>TAG | Level    | Status   | Format | Name                      | Description<br>Qualifiers in quotation marks                                  |
|---------------|-----------------------------------------------------------------|----------|----------|--------|---------------------------|-------------------------------------------------------------------------------|
| <b>CNI</b>    | <b>GID (1..99)</b>                                              | <b>2</b> | <b>M</b> |        | <b>GOODS ITEM DETAILS</b> | per <i>vessel</i> and per <i>good</i> a new GID segment                       |
|               | 1496                                                            |          | M        | n..5   | Goods item number         | Sequence number of the good within a consignment. Unique within the CNI group |

**Clarification:**

- Each item shall be separately identified by means of the line (goods) item number and particulars.
- Goods item number: The sequence number of the good within a consignment. This means, if a consignment consists of several goods items, all the goods items shall be represented as unique goods items (GID). If the consignment only consists of one line (goods) item, the shipper (cargo sender) shall represent this in one line. It is important that commercial information remains unchanged in the respective messages and does not disappear.
- The division of an ERINOT message can be explained as follows:
  - A means of transport may contain in its cargo one or more consignments. Each consignment may contain one or more goods items, each with its own particulars. Consignments, including the goods within this respective consignment, may be divided over one or more vessels (e.g. in a convoy in one voyage).
  - Each container in itself is represented in the ERINOT message as separate consignment information group; as a result, the number of consignments will increase with each container.

**2.2. Dummy segments**

In some cases, amongst others in the passage message *ERINOT(PAS)*, 'dummy' segments shall be used as part of mandatory groups of segments. For these 'dummy' segments the following rules apply:

CNI group:

- CNI: sequence number: '9999'

CNI/GID group:

- GID: sequence number: '99999'

CNI/GID/DGS group:

- DGS:
  - Class type: 'IMD'
  - Classification: '0.0'
  - UNDG number: '0000'
- FTX AAD: good name: 'DUMMY'
- MEA: weight: 0

**2.3. Empty vessels**

If an empty vessel is reported, the following rules apply for the mandatory segment groups:

1. Empty of non-dangerous goods or unknown previous cargo:

CNI group:

- CNI: sequence number: '9999'

CNI/GID group:

- GID: sequence number: '99999'

CNI/GID/DGS group:

— DGS:

— Class type: 'IMD'

— Classification: '0.0'

— UNDG number: '0000'

— FTX AAD: good name: 'DUMMY'

— MEA: weight: 0

2. Empty of dangerous goods (in the case previous dangerous cargo were reported):

CNI group:

— CNI: valid sequence number

— LOC: source and destination (current voyage)

CNI/GID group:

— GID: valid sequence number

— FTX ACB: type of good: 'D', HS code of (previous) dangerous good

CNI/GID/DGS group:

— DGS: dangerous goods details (previous cargo)

— FTX AAD: dangerous good name

— MEA: weight: 0

— SGP: details of the empty vessel

— MEA: weight: 0

**2.4. Container transport with non-dangerous goods**

If containers are transported, the following extra rules apply for the mandatory groups if a container does not carry dangerous goods:

CNI group:

— CNI: valid sequence number

— LOC: source and destination

CNI/GID group:

— GID: valid sequence number

— FTX ACB: type of good: 'N', HS code of the good

— FTX AAA, good name, NST code of the good, HS code of the good

— SGP: details of the vessel

— MEA: total weight of the non-dangerous good in the vessel

CNI/GID/DGS group:

- DGS:
  - Class type: 'IMD'
  - Classification: '0.0'
  - UNDG number: '0000'
- FTX AAD: good name: 'DUMMY'
- MEA: weight: 0
- SGP group (1):
  - SGP: vessel details
  - MEA: weight of the good in the vessel
- SGP group (2-99):
  - SGP: Container number
  - MEA: weight of the good in the container

This way of entering data for a container loaded with non-dangerous goods follows the way the data for a container with dangerous goods are entered. Due to compatibility reasons with previous versions, the vessel details are entered twice.

#### 2.5. Stowage encoding for 30' and 45' containers

If for a 30' container the front of the container falls between two 20' slots, the highest bay number is used for the encoding of the 30' container.

The 45' container is used in similar manner as a 40' container (even bay slot number). The container type will be used to uniquely determine that the slot contains a 45' container.

#### 2.6. Containers with unknown details on the goods or empty containers

If containers are transported where the details of the goods in the containers are not known, or empty containers are transported, the following extra rules apply:

EQD group:

EQD: container range

MEA: number of containers in the given range

CNI group:

CNI: valid sequence number

LOC: source and destination

CNI/GID group:

GID: valid sequence number

FTX ACB: type of good: 'N', HS code

FTX AAA: good name, NST code, HS code

SGP: details of the vessel

MEA: total weight of the containers in the given range

CNI/GID/DGS group:

dummy group

Depending on the range of containers the following codes shall be used:

|                         | HS code    |  |
|-------------------------|------------|--|
| Containers 20 ft empty  | 8609000002 |  |
| Containers 30 ft empty  | 8609000004 |  |
| Containers 40 ft empty  | 8609000003 |  |
| Containers 20 ft loaded | 8609000007 |  |
| Containers 30 ft loaded | 8609000008 |  |
| Containers 40 ft loaded | 8609000009 |  |

#### 2.7. Exchanging information between RIS authorities

When exchanging information between RIS authorities, a passage message type shall be used by specifying 'PAS' in the BGM segment (element 1001).

In this PAS message the following information regarding the voyage shall be included:

- BGM element 1001 = 'PAS'.
- TDT group:
  - LOC(1), type '5' = Place of departure.
  - LOC(2), type '172' = Passage point.
  - LOC(9), type '153' = Place of destination (first port where transport is bound).
  - DTM(2), type '186' = Passage time of LOC(2).
  - DTM(3), type '132' = ETA of LOC(9) only if available.
- CNI groups with all the (known) cargo onboard.

The CNI group may be empty only if it is a passage message notifying another (local) party of the last position/passage point of that vessel.

#### 2.8. Cancelling a notification or notifying an interruption/a restart of a voyage

When cancelling a notification or when notifying an interruption/a restart of a voyage, the following information shall be specified:

- BGM element 1225 = '1' or '150' or '151' (according to message function).
- RFF(ACW) element 1154 refers to the last message sent.
- All other segments (TDT, CNI, etc.) contain the same information as specified in the last notification message sent.

*Appendix 2***Passenger and crew list — (PAXLST)****1. UN/EDIFACT STANDARD MESSAGE PAXLST**

The passenger respectively crew list notification is based on the UN/EDIFACT message PAXLST.

**1.1. Functional definition**

The passenger/crew list message (PAXLST) permits the transfer of passenger or crew data, or both. The message shall be used for the exchange of data in inland navigation between the captain/skipper or carrier and designated authorities such as ISPS terminals, customs, immigration, police.

The message shall be also used to transfer passenger/crew data from a designated authority in the country of departure to the appropriate authorities in the country of arrival of the means of transport.

**1.2. Field of application**

The passenger list message can be used for both national and international applications. It is based on general practice in administration, commerce and transport, and it is not dependent on the type of business or industry, neither on the mode of transport. The basic concept of the PAXLST message is that there is one message for all crew members for a specified ship on a specified voyage, and another message for the passengers on that voyage whilst also possible stowaways can be reported through a separate message. The messages can be transmitted separately or combined into one transmission.

The message supports the implementation — by means of EDI — of the following reporting needs:

- national reporting requirements with respect to crew/passengers and stowaway
- Regulation (EC) No 725/2004 on enhancing ship and port facility security also has provisions related to crew and passenger lists.

Moreover, in accordance with recommended practice set out in the Convention on the Facilitation of International Maritime Traffic, maritime authorities are not to require more than the following information in the crew list:

- Name and nationality of ship (country/area of registration)
- Family name
- Given names
- Nationality
- Rank or rating
- Date and place of birth
- Nature and number of identity document
- Port and date of arrival
- Arriving from

In addition, in accordance with the requirements of the competent authorities in inland shipping, the following information might be required:

- Names of visitors to a vessel
- Licence plates of the vehicles

- Exact place and time of boarding and going ashore
- Required services such as deliveries, stores and spares
- Names of repair people together with company name
- Changes of crew
- Children of the crew.

All these details can be exchanged through the PAXLST message.

## 2. MESSAGE STRUCTURE

The structure for implementation of the crew or passenger list notification message is as follows:

### 2.1 Segment index (alphabetical sequence by tag)

UNH Message header

BGM Beginning of message

ATT Attribute

DOC Document/message details

DTM Date/time/period

FTX Free text

LOC Place/location identification

NAD Name and address

RFF Reference

TDT Details of transport

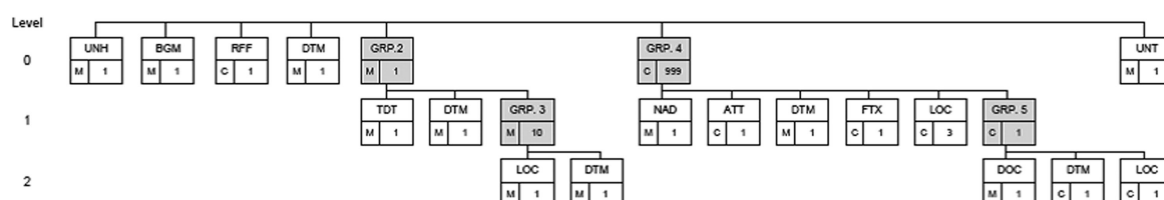
UNT Message trailer

### 2.2. Segment table

| Pos  | Tag | Name                 | S | R |
|------|-----|----------------------|---|---|
|      | UNA |                      | C | 1 |
|      | UNB |                      | M | 1 |
| 0010 | UNH | Message header       | M | 1 |
| 0020 | BGM | Beginning of message | M | 1 |
| 0030 | RFF | Reference            | C | 1 |
| 0040 | DTM | Date/time/period     | M | 1 |
| 0090 |     | Segment group 2      | M | 1 |

| Pos  | Tag | Name                          | S | R   |
|------|-----|-------------------------------|---|-----|
| 0100 | TDT | Details of transport          | M | 1   |
| 0110 | DTM | Date/time/period              | M | 1   |
| 0120 |     | Segment group 3               | M | 4   |
| 0130 | LOC | Place/location identification | M | 1   |
| 0140 | DTM | Date/time/period              | M | 1   |
| 0150 |     | Segment group 4               | C | 999 |
| 0160 | NAD | Name and address              | M | 1   |
| 0170 | ATT | Attribute                     | C | 1   |
| 0180 | DTM | Date/time/period              | M | 1   |
| 0210 | FTX | Free text                     | C | 1   |
| 0220 | LOC | Place/location identification | C | 3   |
| 0270 |     | Segment group 5               | C | 1   |
| 0280 | DOC | Document/message details      | M | 1   |
| 0290 | DTM | Date/time/period              | C | 1   |
| 0320 | LOC | Place/location identification | C | 1   |
| 0440 | UNT | Message trailer               | M | 1   |

### 2.3. Branching diagram



## 2.4. Passenger/Crew list message format

| Segment Group | Segment<br>Composite data<br>element(C)<br>Data element<br>TAG | Level    | Status   | Format           | Names                                  | Description<br>Qualifiers in quotation marks                                           |
|---------------|----------------------------------------------------------------|----------|----------|------------------|----------------------------------------|----------------------------------------------------------------------------------------|
| 1             | 2                                                              | 3        | 4        | 5                | 6                                      | 7                                                                                      |
|               | <b>UNA</b>                                                     | <b>0</b> | <b>C</b> |                  | <b>Service String Advice</b>           |                                                                                        |
|               |                                                                |          | M        | an1              | Component data element separator       | :                                                                                      |
|               |                                                                |          | M        | an1              | Segment Tag and Data element separator | +                                                                                      |
|               |                                                                |          | M        | an1              | Decimal notation                       | .                                                                                      |
|               |                                                                |          | M        | an1              | Release indicator                      | ?                                                                                      |
|               |                                                                |          | M        | an1              | Reserved future use                    | space                                                                                  |
|               |                                                                |          | M        | an1              | Segment terminator                     | '                                                                                      |
|               |                                                                |          |          |                  | <i>Advised string: UNA:+.? '</i>       | 6 characters                                                                           |
|               |                                                                |          |          |                  |                                        |                                                                                        |
|               | <b>UNB</b>                                                     | <b>0</b> | <b>M</b> |                  | <b>Interchange header</b>              |                                                                                        |
|               | S001                                                           |          | M        |                  | SYNTAX IDENTIFIER                      |                                                                                        |
|               | 0001                                                           |          | M        | a4               | Syntax identifier                      | 'UNOC' Controlling agency                                                              |
|               | 0002                                                           |          | M        | n1               | Syntax version number                  | '2'                                                                                    |
|               | S002                                                           |          | M        |                  | INTERCHANGE SENDER                     |                                                                                        |
|               | 0004                                                           |          | M        | an..35<br>(an25) | Sender identification                  | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post |

| 1 | 2    | 3 | 4 | 5                | 6                                            | 7                                                                                        |
|---|------|---|---|------------------|----------------------------------------------|------------------------------------------------------------------------------------------|
|   | 0007 |   |   | an..4            | Partner identification code qualifier        | n.a.                                                                                     |
|   | 0008 |   |   | an..14           | Address for reverse routing                  | n.a.                                                                                     |
|   | S003 |   | M |                  | INTERCHANGE RECIPIENT                        |                                                                                          |
|   | 0010 |   | M | an..35<br>(an25) | Recipient identification                     | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post   |
|   | 0007 |   |   | an..4            | Partner identification code qualifier        | n.a.                                                                                     |
|   | 0014 |   |   | an..14           | Routing address                              | n.a.                                                                                     |
|   | S004 |   | M |                  | DATE/TIME OF PREPARATION                     |                                                                                          |
|   | 0017 |   | M | n6               | Date                                         | Generation date, YYMMDD                                                                  |
|   | 0019 |   | M | n4               | Time                                         | Generation time, HHMM                                                                    |
|   | 0020 |   | M | an..14           | Interchange reference identification.        | First 14 positions of the message reference number                                       |
|   | S005 |   | C |                  | RECIPIENTS REFERENCE,<br>PASSWORD            | n.a.                                                                                     |
|   | 0022 |   |   | an..14           | Recipient's reference/password               | n.a.                                                                                     |
|   | 0025 |   |   | an2              | Recipient's reference, password<br>qualifier | n.a.                                                                                     |
|   | 0026 |   |   | an..14           | Application reference                        | n.a.                                                                                     |
|   | 0029 |   |   | a1               | Processing priority code                     | n.a.                                                                                     |
|   | 0031 |   | C | n1               | Acknowledgement request                      | '1' = Sender requests acknowledgement, i.e. UNB and UNZ segments received and identified |
|   | 0032 |   |   | an..35           | Communications agreement id                  | n.a.                                                                                     |
|   | 0035 |   | C | n1               | Test indicator                               | '1' = the interchange relates to a test message                                          |

| 1 | 2          | 3        | 4        | 5      | 6                           | 7                                                                               |
|---|------------|----------|----------|--------|-----------------------------|---------------------------------------------------------------------------------|
|   |            |          |          |        |                             |                                                                                 |
|   | <b>UNH</b> |          | <b>M</b> |        | <b>MESSAGE HEADER</b>       | Identification, specification and heading of a message                          |
|   | 0062       |          | M        | an..14 | Message reference number    | First 14 positions of the message number                                        |
|   | S009       |          | M        |        | MESSAGE IDENTIFIER          | Message identification                                                          |
|   | 0065       |          | M        | an..6  | Message type                | 'PAXLST', message type                                                          |
|   | 0052       |          | M        | an..3  | Message version number      | 'D', message version number                                                     |
|   | 0054       |          | M        | an..3  | Message release number      | '05A', message release number                                                   |
|   | 0051       |          | M        | an..2  | Controlling agency          | 'UN', controlling agency                                                        |
|   | 0057       |          | M        | an..6  | Association assigned code   | 'ERI13', ERI Version 1.3                                                        |
|   | 0068       |          | M        | an..35 | Common access reference     | Common access reference<br>Reference to all messages related to one common file |
|   | S010       |          |          |        | STATUS OF THE TRANSFER      | Transfer status                                                                 |
|   | 0070       |          |          | n..2   | Sequence of transfers       | n.a.                                                                            |
|   | 0073       |          |          | a1     | First and last transfer     | n.a.                                                                            |
|   |            |          |          |        |                             |                                                                                 |
|   | <b>BGM</b> | <b>0</b> | <b>M</b> |        | <b>BEGINNING OF MESSAGE</b> | <i>Identification of the type and function of the message</i>                   |
|   | C002       |          |          |        | Document/message name       | Message name                                                                    |
|   | 1001       |          | M        | an..3  | Document name code          | Message type:<br>'250' crew list<br>'745' passenger list<br>'10' stowaway list  |

| 1 | 2    | 3 | 4 | 5                | 6                                 | 7                                                                                                                                                                                                                           |
|---|------|---|---|------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 1131 |   |   | an..17           | Code list identification code     | n.a.                                                                                                                                                                                                                        |
|   | 3055 |   |   | an..3            | Code list responsible agency code | n.a.                                                                                                                                                                                                                        |
|   | 1000 |   | M | an..35           | Document name                     | Document name:<br>'CREW LIST'<br>'PASSENGER LIST'<br>'STOWAWAY LIST'<br>(one PAXLST message contains one document)                                                                                                          |
|   | C106 |   | M |                  | Document/message identification   |                                                                                                                                                                                                                             |
|   | 1004 |   | M | an..35<br>an(15) | Document identifier               | message reference number                                                                                                                                                                                                    |
|   | 1056 |   | C | an..9            | Version identifier                | version identifier                                                                                                                                                                                                          |
|   | 1060 |   | C | an..6            | Revision identifier               | revision identifier                                                                                                                                                                                                         |
|   | 1225 |   | M | an..3            | MESSAGE FUNCTION CODE             | Function of message<br>'1' = cancellation message<br>'9' = new message (original)<br>'5' = modification message<br>'22' = Final transmission (End of voyage)<br>'150' = Interruption of voyage<br>'151' = Restart of voyage |
|   | 4343 |   |   | an..3            | RESPONSE TYPE CODE                | QA                                                                                                                                                                                                                          |
|   |      |   |   |                  |                                   |                                                                                                                                                                                                                             |

| 1 | 2          | 3        | 4        | 5      | 6                                              | 7                                                                                                                                           |
|---|------------|----------|----------|--------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|   | <b>RFF</b> | <b>0</b> | <b>C</b> |        | <b>REFERENCE</b>                               | <b>Reference to the message which is changed, mandatory if the message is a modification message</b>                                        |
|   | C506       |          | M        |        | REFERENCE                                      | Reference                                                                                                                                   |
|   | 1153       |          | M        | an..3  | Reference qualifier                            | 'ACW'                                                                                                                                       |
|   | 1154       |          | M        | an..35 | Reference number                               | (an14) message reference number of the BGM, tag 1004 of the message the current message refers to                                           |
|   | 1156       |          |          | an..6  | Line number                                    | n.a.                                                                                                                                        |
|   | 4000       |          |          | an..35 | Reference version number                       | n.a.                                                                                                                                        |
|   | 1060       |          |          | an..35 | Revision number                                | n.a.                                                                                                                                        |
|   |            |          |          |        |                                                |                                                                                                                                             |
|   | <b>DTM</b> | <b>0</b> | <b>M</b> |        | <b>DATE/TIME/PERIOD</b>                        |                                                                                                                                             |
|   | C507       |          | M        |        | DATE/TIME/PERIOD                               | Date/time/period                                                                                                                            |
|   | 2005       |          | M        | an..3  | Date or time or period function code qualifier | '184'<br>Notification date                                                                                                                  |
|   | 2380       |          | M        | an..35 | Date or time period value                      | Time: CCYYMMDD                                                                                                                              |
|   | 2379       |          | M        | an..3  | Date or time or period format code             | '102'                                                                                                                                       |
|   |            |          |          |        |                                                |                                                                                                                                             |
|   | <b>TDT</b> | <b>1</b> | <b>M</b> |        | <b>Specification of the means of transport</b> | Specification of the means of transport, the naming vessel within a convoy (a single vessel without barge is also a convoy in this context) |
|   | 8051       |          | M        | an..3  | '20' (main transport)                          | Transport stage code qualifier                                                                                                              |
|   | 8028       |          | C        | an..17 | Conveyance reference number                    | Voyage number, defined by sender of the message                                                                                             |
|   | C220       |          | M        |        | Transport modality                             | n.a.                                                                                                                                        |

| 1 | 2    | 3 | 4 | 5      | 6                                                             | 7                                                                                                            |
|---|------|---|---|--------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|   | 8067 |   | M | an..3  | Mode of transport, coded                                      | '8' for inland water transport, '1' for maritime transport (see UNECE Rec. 19)                               |
|   | 8066 |   |   | an..17 | Transport mode name                                           | n.a.                                                                                                         |
|   | C001 |   | M |        | Type of means of transport identification, <i>convoy type</i> | Code for ship and convoy types of means of transport from UNCEFACT Rec. 28, see Annex Part II, Chapter 2.3.1 |
|   | 8179 |   |   | an..8  | Transport means description code                              | n.a.                                                                                                         |
|   | 1131 |   |   | an..17 | Code list identification code                                 | n.a.                                                                                                         |
|   | 3055 |   |   | an..3  | Code list responsible agency code                             | n.a.                                                                                                         |
|   | 8178 |   |   | an..17 | Transport means description                                   | n.a.                                                                                                         |
|   | C040 |   |   |        | Carrier                                                       |                                                                                                              |
|   | 3127 |   |   | an..17 | Carrier identifier                                            | n.a.                                                                                                         |
|   | 1131 |   |   | an..17 | Code list identification code                                 | n.a.                                                                                                         |
|   | 3055 |   |   | an..3  | Code list responsible agency code                             | n.a.                                                                                                         |
|   | 3128 |   |   | an..35 | Carrier name                                                  | n.a.                                                                                                         |
|   | 8101 |   |   | an..3  | Transit direction indicator code                              | n.a.                                                                                                         |
|   | C401 |   |   |        | Excess transportation information                             | n.a.                                                                                                         |
|   | 8457 |   |   | an..3  | Excess transportation reason code                             | n.a.                                                                                                         |
|   | 8459 |   |   | an..3  | Excess transportation responsibility code.                    | n.a.                                                                                                         |
|   | 7130 |   |   | an..17 | Customer shipment authorisation identifier                    | n.a.                                                                                                         |
|   | C222 |   | M |        | Transport identification                                      |                                                                                                              |

| 1          | 2          | 3        | 4        | 5                 | 6                                              | 7                                                                                                                                                                                                                                                               |
|------------|------------|----------|----------|-------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | 8213       |          | M        | an..9<br>(an7..8) | ID. of means of transport identification       | Vessel number: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)                                                                                                                                                     |
|            | 1131       |          | M        | an..17            | Code list qualifier                            | 'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2<br>'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3                                                                                                         |
|            | 3055       |          |          | an..3             | Code list responsible agency code              | n.a.                                                                                                                                                                                                                                                            |
|            | 8212       |          | M        | an..35            | Name of the vessel                             | <i>Name of the ship.</i> If the name results in more than 35 positions, the name of the vessel is shortened.                                                                                                                                                    |
|            | 8453       |          | M        | an..3             | (an2) Nationality, ISO 3166 country code       | ISO two-alpha country code 3166-1, see Annex Part II, Chapter 2.3.8 Dependency note. If the nationality of the inland vessel is not available the code for the country or area of registration shall be stated here in line with the ENI number specifications. |
|            | 8281       |          |          | an..3             | Transport means ownership indicator code.      | n.a.                                                                                                                                                                                                                                                            |
|            |            |          |          |                   |                                                |                                                                                                                                                                                                                                                                 |
| <b>TDT</b> | <b>DTM</b> | <b>1</b> | <b>M</b> | <b>TDT(20)</b>    | <b>Estimated time of arrival/departure</b>     |                                                                                                                                                                                                                                                                 |
|            | C507       |          |          |                   | Date/time/period                               |                                                                                                                                                                                                                                                                 |
|            | 2005       |          | M        | an..3             | Date or time or period function code qualifier | '132' for arrival<br>'133' for departure                                                                                                                                                                                                                        |
|            | 2380       |          | M        | an..35            | Date or time period value                      | Given in the local time of the place of arrival                                                                                                                                                                                                                 |
|            | 2379       |          | M        | an..3             | Date or time or period format code             | '203' for CCYYMMDDHHMM                                                                                                                                                                                                                                          |
|            |            |          |          |                   |                                                |                                                                                                                                                                                                                                                                 |

| 1          | 2             | 3        | 4        | 5                   | 6                                         | 7                                                               |
|------------|---------------|----------|----------|---------------------|-------------------------------------------|-----------------------------------------------------------------|
| <b>TDT</b> | <b>LOC(1)</b> | <b>1</b> | <b>M</b> |                     | <b>PLACE/LOCATION IDENTIFICATION</b>      | <i>Port of departure</i> , the port where the transport starts  |
|            | 3227          |          | M        | an..3               | Place/location qualifier                  | '5' place of departure                                          |
|            | C517          |          | M        |                     | LOCATION IDENTIFICATION                   |                                                                 |
|            | 3225          |          | M        | an..35<br>(an5)     | Place/location identification             | UNECE location code (Rec. 16), see Annex Part II, Chapter 2.3.9 |
|            | 1131          |          |          | an..17              | Code list qualifier                       | n.a.                                                            |
|            | 3055          |          |          | an..3               | Code list responsible agency              | n.a.                                                            |
|            | 3224          |          | D[Use 1] | an..256<br>(an..17) | Place/location                            | Full name of the port location                                  |
|            | C519          |          | C        |                     | RELATED LOCATION ONE IDENTIFICATION       |                                                                 |
|            | 3223          |          | M        | an..25<br>(an..5)   | Related place/location one identification | Terminal code, Annex Part II, Chapter 2.3.11                    |
|            | 1131          |          |          | an..17              | Code list qualifier                       | n.a.                                                            |
|            | 3055          |          |          | an..3               | Code list responsible agency              | n.a.                                                            |
|            | 3222          |          | D[Use 1] | an..70              | Related place/location one                | Full name of the terminal                                       |
|            | C553          |          | C        |                     | RELATED LOCATION TWO IDENTIFICATION       |                                                                 |

| 1               | 2             | 3        | 4        | 5                   | 6                                              | 7                                                               |
|-----------------|---------------|----------|----------|---------------------|------------------------------------------------|-----------------------------------------------------------------|
|                 | 3233          |          | M        | an..25<br>(an5)     | Related place/location two identification      | Fairway section code, see Annex Part II, Chapter 2.3.10         |
|                 | 1131          |          |          | an..17              | Code list qualifier                            | n.a.                                                            |
|                 | 3055          |          |          | an..3               | Code list responsible agency                   | n.a.                                                            |
|                 | 3232          |          | C        | an..70<br>(an..5)   | Related place/location two                     | Fairway section hectometre                                      |
|                 | 5479          |          |          | an..3               | Relation                                       | n.a.                                                            |
|                 |               |          |          |                     |                                                |                                                                 |
| <b>TDT/LOC1</b> | <b>DTM</b>    | <b>1</b> | <b>M</b> |                     | <b>Estimated time of departure</b>             |                                                                 |
|                 | C507          |          |          |                     | Date/time/period                               |                                                                 |
|                 | 2005          |          | M        | an..3               | Date or time or period function code qualifier | '133' for departure                                             |
|                 | 2380          |          | M        | an..35              | Date or time period value                      | Given in the local time of the place of arrival                 |
|                 | 2379          |          | M        | an..3               | Date or time or period format code             | '203' for CCYYMMDDHHMM                                          |
|                 |               |          |          |                     |                                                |                                                                 |
| <b>TDT</b>      | <b>LOC(2)</b> | <b>1</b> | <b>M</b> |                     | <b>PLACE/LOCATION IDENTIFICATION</b>           | <b>First port of call</b>                                       |
|                 | 3227          |          | M        | an..3               | Place/location qualifier                       | '87'                                                            |
|                 | C517          |          | M        |                     | LOCATION IDENTIFICATION                        |                                                                 |
|                 | 3225          |          | M        | an..35<br>(an5)     | Place/location identification                  | UNECE location code (Rec. 16), see Annex Part II, Chapter 2.3.9 |
|                 | 1131          |          |          | an..17              | Code list qualifier                            | n.a.                                                            |
|                 | 3055          |          |          | an..3               | Code list responsible agency                   | n.a.                                                            |
|                 | 3224          |          | D[Use 1] | an..256<br>(an..17) | Place/location                                 | Full name of the port location                                  |

| 1                | 2          | 3        | 4        | 5                 | 6                                              | 7                                                       |
|------------------|------------|----------|----------|-------------------|------------------------------------------------|---------------------------------------------------------|
|                  | C519       |          | C        |                   | RELATED LOCATION ONE IDENTIFICATION            |                                                         |
|                  | 3223       |          | M        | an..25<br>(an..5) | Related place/location one identification      | Terminal code, see Annex Part II, Chapter 2.3.11        |
|                  | 1131       |          |          | an..17            | Code list qualifier                            | n.a.                                                    |
|                  | 3055       |          |          | an..3             | Code list responsible agency                   | n.a.                                                    |
|                  | 3222       |          | D[Use 1] | an..70            | Related place/location one                     | Full name of the terminal                               |
|                  | C553       |          | C        |                   | RELATED LOCATION TWO IDENTIFICATION            |                                                         |
|                  | 3233       |          | M        | an..25<br>(an5)   | Related place/location two identification      | Fairway section code, see Annex Part II, Chapter 2.3.10 |
|                  | 1131       |          |          | an..17            | Code list qualifier                            | n.a.                                                    |
|                  | 3055       |          |          | an..3             | Code list responsible agency                   | n.a.                                                    |
|                  | 3232       |          | C        | an..70<br>(an..5) | Related place/location two                     | Fairway section hectometre                              |
|                  | 5479       |          |          | an..3             | Relation                                       | n.a.                                                    |
|                  |            |          |          |                   |                                                |                                                         |
| <b>TDT/LOC 2</b> | <b>DTM</b> | <b>1</b> | <b>M</b> |                   | <b>Estimated time of first port of call</b>    |                                                         |
|                  | C507       |          |          |                   | Date/time/period                               |                                                         |
|                  | 2005       |          | M        | an..3             | Date or time or period function code qualifier | '252' Arrival date/time at initial port                 |
|                  | 2380       |          | M        | an..35            | Date or time period value                      | Given in the local time of the place of arrival         |

| 1          | 2             | 3        | 4        | 5                   | 6                                         | 7                                                               |
|------------|---------------|----------|----------|---------------------|-------------------------------------------|-----------------------------------------------------------------|
|            | 2379          |          | M        | an..3               | Date or time or period format code        | '203' for CCYYMMDDHHMM                                          |
|            |               |          |          |                     |                                           |                                                                 |
| <b>TDT</b> | <b>LOC(3)</b> | <b>1</b> | <b>M</b> |                     | <b>PLACE/LOCATION IDENTIFICATION</b>      | <b>Last port of call</b>                                        |
|            | 3227          |          | M        | an..3               | Place/location qualifier                  | '125'                                                           |
|            | C517          |          | M        |                     | LOCATION IDENTIFICATION                   |                                                                 |
|            | 3225          |          | M        | an..35<br>(an5)     | Place/location identification             | UNECE location code (Rec. 16), see Annex Part II, Chapter 2.3.9 |
|            | 1131          |          |          | an..17              | Code list qualifier                       | n.a.                                                            |
|            | 3055          |          |          | an..3               | Code list responsible agency              | n.a.                                                            |
|            | 3224          |          | D[Use 1] | an..256<br>(an..17) | Place/location                            | Full name of the port location                                  |
|            | C519          |          | C        |                     | RELATED LOCATION ONE IDENTIFICATION       |                                                                 |
|            | 3223          |          | M        | an..25<br>(an..5)   | Related place/location one identification | Terminal code, see Annex Part II, Chapter 2.3.11                |
|            | 1131          |          |          | an..17              | Code list qualifier                       | n.a.                                                            |
|            | 3055          |          |          | an..3               | Code list responsible agency              | n.a.                                                            |
|            | 3222          |          | D[Use 1] | an..70              | Related place/location one                | Full name of the terminal                                       |
|            | C553          |          | C        |                     | RELATED LOCATION TWO IDENTIFICATION       |                                                                 |

| 1                | 2             | 3        | 4        | 5                 | 6                                              | 7                                                               |
|------------------|---------------|----------|----------|-------------------|------------------------------------------------|-----------------------------------------------------------------|
|                  | 3233          |          | M        | an..25<br>(an5)   | Related place/location two identification      | Fairway section code, see Annex Part II, Chapter 2.3.10         |
|                  | 1131          |          |          | an..17            | Code list qualifier                            | n.a.                                                            |
|                  | 3055          |          |          | an..3             | Code list responsible agency                   | n.a.                                                            |
|                  | 3232          |          | C        | an..70<br>(an..5) | Related place/location two                     | Fairway section hectometre                                      |
|                  | 5479          |          |          | an..3             | Relation                                       | n.a.                                                            |
|                  |               |          |          |                   |                                                |                                                                 |
| <b>TDT/LOC 3</b> | <b>DTM</b>    | <b>1</b> | <b>M</b> |                   | <b>Estimated time of arrival/departure</b>     |                                                                 |
|                  | C507          |          |          |                   | Date/time/period                               |                                                                 |
|                  | 2005          |          | M        | an..3             | Date or time or period function code qualifier | '253' Departure date/time from last port of call                |
|                  | 2380          |          | M        | an..35            | Date or time period value                      | Given in the local time of the place of arrival                 |
|                  | 2379          |          | M        | an..3             | Date or time or period format code             | '203' for CCYYMMDDHHMM                                          |
|                  |               |          |          |                   |                                                |                                                                 |
| <b>TDT</b>       | <b>LOC(4)</b> | <b>1</b> | <b>M</b> |                   | <b>PLACE/LOCATION IDENTIFICATION</b>           | <b>Port of arrival</b>                                          |
|                  | 3227          |          | M        | an..3             | Place/location qualifier                       | '60'                                                            |
|                  | C517          |          | M        |                   | LOCATION IDENTIFICATION                        |                                                                 |
|                  | 3225          |          | M        | an..35<br>(an5)   | Place/location identification                  | UNECE location code (Rec. 16), see Annex Part II, Chapter 2.3.9 |

| 1                | 2          | 3        | 4        | 5                   | 6                                          | 7                                                       |
|------------------|------------|----------|----------|---------------------|--------------------------------------------|---------------------------------------------------------|
|                  | 1131       |          |          | an..17              | Code list qualifier                        | n.a.                                                    |
|                  | 3055       |          |          | an..3               | Code list responsible agency               | n.a.                                                    |
|                  | 3224       |          | D[Use 1] | an..256<br>(an..17) | Place/location                             | Full name of the port location                          |
|                  | C519       |          | C        |                     | RELATED LOCATION ONE IDENTIFICATION        |                                                         |
|                  | 3223       |          | M        | an..25<br>(an..5)   | Related place/location one identification  | Terminal code, see Annex Part II, Chapter 2.3.11        |
|                  | 1131       |          |          | an..17              | Code list qualifier                        | n.a.                                                    |
|                  | 3055       |          |          | an..3               | Code list responsible agency               | n.a.                                                    |
|                  | 3222       |          | D[Use 1] | an..70              | Related place/location one                 | Full name of the terminal                               |
|                  | C553       |          | C        |                     | RELATED LOCATION TWO IDENTIFICATION        |                                                         |
|                  | 3233       |          | M        | an..25<br>(an5)     | Related place/location two identification  | Fairway section code, see Annex Part II, Chapter 2.3.10 |
|                  | 1131       |          |          | an..17              | Code list qualifier                        | n.a.                                                    |
|                  | 3055       |          |          | an..3               | Code list responsible agency               | n.a.                                                    |
|                  | 3232       |          | C        | an..70<br>(an..5)   | Related place/location two                 | Fairway section hectometre                              |
|                  | 5479       |          |          | an..3               | Relation                                   | n.a.                                                    |
|                  |            |          |          |                     |                                            |                                                         |
| <b>TDT/LOC 4</b> | <b>DTM</b> | <b>1</b> | <b>M</b> |                     | <b>Estimated time of arrival/departure</b> |                                                         |

| 1            | 2          | 3        | 4        | 5      | 6                                              | 7                                                                                     |
|--------------|------------|----------|----------|--------|------------------------------------------------|---------------------------------------------------------------------------------------|
|              | C507       |          |          |        | Date/time/period                               |                                                                                       |
|              | 2005       |          | M        | an..3  | Date or time or period function code qualifier | '132' for arrival                                                                     |
|              | 2380       |          | M        | an..35 | Date or time period value                      | Given in the local time of the place of arrival                                       |
|              | 2379       |          | M        | an..3  | Date or time or period format code             | '203' for CCYYMMDDHHMM                                                                |
|              |            |          |          |        |                                                |                                                                                       |
| <b>GRP 4</b> | <b>NAD</b> | <b>0</b> | <b>M</b> |        | <b>NAME and ADDRESS</b>                        | <b>Name and address details of person</b>                                             |
|              | 3035       |          | M        | an..3  | Party function code qualifier                  | Name type:<br>'FM' for crew member<br>'FL' for passenger<br>'BV' for stowaway persons |
|              | C082       |          | C        |        | PARTY IDENTIFICATION DETAILS                   | Name identification                                                                   |
|              | 3039       |          |          | an..35 | Party identification                           | Code or textual description of the relation                                           |
|              | 1131       |          |          | an..17 | Code list qualifier                            | n.a.                                                                                  |
|              | 3055       |          |          | an..3  | Code list responsible agency                   | n.a.                                                                                  |
|              | C058       |          | M        |        | NAME AND ADDRESS                               | n.a.                                                                                  |
|              | 3124       |          | M        | an..35 | Name and address line                          | Family name                                                                           |
|              | 3124       |          | M        | an..35 | Name and address line                          | Given names                                                                           |
|              | 3124       |          | C        | an..35 | Name and address line                          | Prefix (gender)                                                                       |
|              | 3124       |          |          | an..35 | Name and address line                          | n.a.                                                                                  |
|              | 3124       |          |          | an..35 | Name and address line                          | n.a.                                                                                  |

| 1 | 2    | 3 | 4 | 5      | 6                                 | 7                                    |
|---|------|---|---|--------|-----------------------------------|--------------------------------------|
|   | C080 |   | C |        | PARTY NAME                        |                                      |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                 |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                 |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                 |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                 |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                 |
|   | 3045 |   |   | an..3  | Party name format, coded          | n.a.                                 |
|   | C059 |   | C |        | STREET                            |                                      |
|   | 3042 |   | C | an..35 | Street and number/PO box          | Street and number or post office box |
|   | 3042 |   |   | an..35 | Street and number/PO box          | n.a.                                 |
|   | 3042 |   |   | an..35 | Street and number/PO box          | n.a.                                 |
|   | 3042 |   |   | an..35 | Street and number/PO box          | n.a.                                 |
|   | 3164 |   | C | an..35 | City name                         | City                                 |
|   | C819 |   | C |        | Country sub-entity identification | n.a.                                 |
|   | 3229 |   | C | an..9  | Country sub-entity name code      | Postal identification code           |
|   | 1131 |   | C | an..17 | Code list identification code     | n.a.                                 |
|   | 3055 |   |   | an..3  | Code list responsible agency code | n.a.                                 |
|   | 3228 |   |   | an..70 | Country sub-entity name           | n.a.                                 |
|   | 3251 |   | C | an..17 | postal code                       |                                      |

| 1            | 2          | 3        | 4        | 5       | 6                                              | 7                                                                   |
|--------------|------------|----------|----------|---------|------------------------------------------------|---------------------------------------------------------------------|
|              | 3207       |          | M        | an..3   | (an2) nationality, ISO3166 country code        | ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8 |
|              |            |          |          |         |                                                |                                                                     |
| <b>GRP 4</b> | <b>ATT</b> | <b>1</b> | <b>C</b> |         | <b>Rank/title</b>                              | <b>Rank/title</b>                                                   |
|              | 9017       |          | M        | an..3   | Attribute function qualifier                   | '5' Professional title<br>'1' Crew member                           |
|              | C955       |          | C        |         | Attribute type                                 |                                                                     |
|              | 9021       |          |          | an..17  | Attribute type, coded                          |                                                                     |
|              | 1131       |          |          | an..17  | Code list identification code                  | n.a.                                                                |
|              | 3055       |          |          | an..3   | Code list responsible agency code              | n.a.                                                                |
|              | 9020       |          |          | an..70  | Attribute type description                     | n.a.                                                                |
|              | C956       |          | C        |         | Attribute detail                               |                                                                     |
|              | 9019       |          |          | an..17  | Attribute description code                     | n.a                                                                 |
|              | 1131       |          |          | an..17  | Code list identification code                  | n.a.                                                                |
|              | 3055       |          |          | an..3   | Code list responsible agency code              | n.a.                                                                |
|              | 9018       |          | M        | an..256 | Attribute description                          | Rank/title name<br>e.g. Chief officer                               |
|              |            |          |          |         |                                                |                                                                     |
| <b>NAD</b>   | <b>DTM</b> | <b>1</b> | <b>M</b> |         | <b>DATE/TIME/PERIOD</b>                        | <b>Date of birth</b>                                                |
|              | C507       |          |          |         | Date/time/period                               | Date/time/period                                                    |
|              | 2005       |          | M        | an..3   | Date or time or period function code qualifier | '329'                                                               |
|              | 2380       |          | M        | an..35  | Date or time period value                      | Date: CCYYMMDD                                                      |

| 1          | 2          | 3        | 4        | 5       | 6                                   | 7                                                                                                  |
|------------|------------|----------|----------|---------|-------------------------------------|----------------------------------------------------------------------------------------------------|
|            | 2379       |          | M        | an..3   | Date or time or period format code  | '102'                                                                                              |
|            |            |          |          |         |                                     |                                                                                                    |
| <b>NAD</b> | <b>FTX</b> | <b>1</b> | <b>C</b> |         | <b>Free text</b>                    | <b>General information</b>                                                                         |
|            | 4451       |          | M        | an..3   | Text subject qualifier              | Text subject type<br>'AAI' General Information                                                     |
|            | 4453       |          |          | an..3   | Text function, coded                |                                                                                                    |
|            | C107       |          | C        |         | Text reference                      |                                                                                                    |
|            | 4441       |          | M        | an..17  | Free text, coded                    | Call information related to boarding of persons.<br>General information on the call of the vessel. |
|            | 1131       |          |          | an..17  | Code list qualifier                 | n.a.                                                                                               |
|            | 3055       |          |          | an..3   | Code list responsible agency, coded | n.a.                                                                                               |
|            | C108       |          | C        |         | Text literal                        |                                                                                                    |
|            | 4440       |          | C        | an..512 | Free text                           | License number vehicle                                                                             |
|            | 4440       |          | C        | an..512 | Free text                           | Visitor                                                                                            |
|            | 4440       |          | C        | an..512 | Free text                           | Company name of service provider and other details                                                 |
|            | 4440       |          | C        | an..512 | Free text                           | Names and duration of visit of the visiting children                                               |
|            | 4440       |          | D[Use 2] | an..512 | Free text                           | Health Status                                                                                      |
|            | 3453       |          |          | an..3   | Language, coded.                    |                                                                                                    |
|            | 4447       |          |          | an..3   | Text formatting, coded              |                                                                                                    |
|            |            |          |          |         |                                     |                                                                                                    |

| 1          | 2             | 3 | 4        | 5                   | 6                                         | 7                                                                   |
|------------|---------------|---|----------|---------------------|-------------------------------------------|---------------------------------------------------------------------|
| <b>NAD</b> | <b>LOC(1)</b> |   | <b>M</b> |                     | <b>PLACE/LOCATION IDENTIFICATION</b>      | <b>Place of birth</b>                                               |
|            | 3227          |   | M        | an..3               | Place/location qualifier                  | '180'                                                               |
|            | C517          |   | M        |                     | LOCATION IDENTIFICATION                   |                                                                     |
|            | 3225          |   | C        | an..35<br>(an5)     | Place/location identification             | ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8 |
|            | 1131          |   |          | an..17              | Code list qualifier                       | n.a.                                                                |
|            | 3055          |   |          | an..3               | Code list responsible agency              | n.a.                                                                |
|            | 3224          |   | M        | an..256<br>(an..35) | Place/location                            | Place of birth                                                      |
|            | C519          |   | C        |                     | RELATED LOCATION ONE IDENTIFICATION       | n.a.                                                                |
|            | 3223          |   |          | an..35              | Related place/location one identification | n.a.                                                                |
|            | 1131          |   |          | an..17              | Code list qualifier                       | n.a.                                                                |
|            | 3055          |   |          | an..3               | Code list responsible agency              | n.a.                                                                |
|            | 3222          |   |          | an..70              | Related place/location one                | n.a.                                                                |
|            | C553          |   |          |                     | RELATED LOCATION TWO IDENTIFICATION       | n.a.                                                                |
|            | 3233          |   |          | an..25              | Related place/location two identification | n.a.                                                                |
|            | 1131          |   |          | an..17              | Code list qualifier                       | n.a.                                                                |
|            | 3055          |   |          | an..3               | Code list responsible agency              | n.a.                                                                |
|            | 3232          |   |          | an..70              | Related place/location two                | n.a.                                                                |

| 1          | 2             | 3 | 4        | 5               | 6                                         | 7                                                                           |
|------------|---------------|---|----------|-----------------|-------------------------------------------|-----------------------------------------------------------------------------|
|            | 5479          |   |          | an..3           | Relation                                  | n.a.                                                                        |
|            |               |   |          |                 |                                           |                                                                             |
| <b>NAD</b> | <b>LOC(2)</b> |   | <b>M</b> |                 | <b>PLACE/LOCATION IDENTIFICATION</b>      | <b>Place of Embarkation</b>                                                 |
|            | 3227          |   | M        | an..3           | Place/location qualifier                  | '178' for place of Embarkation                                              |
|            | C517          |   | M        |                 | LOCATION IDENTIFICATION                   |                                                                             |
|            | 3225          |   | C        | an..35<br>(an5) | Place/location identification             | UNECE location code (Rec. 16) of the port, see Annex Part II, Chapter 2.3.9 |
|            | 1131          |   |          | an..17          | Code list qualifier                       | n.a.                                                                        |
|            | 3055          |   |          | an..3           | Code list responsible agency              | n.a.                                                                        |
|            | 3224          |   | D[Use 1] | an..256         | Place/location                            | Full name of the port location                                              |
|            | C519          |   | C        |                 | RELATED LOCATION ONE IDENTIFICATION       |                                                                             |
|            | 3223          |   | M        | an..35<br>(an5) | Related place/location one identification | Terminal code, see Annex Part II, Chapter 2.3.11                            |
|            | 1131          |   |          | an..17          | Code list qualifier                       | n.a.                                                                        |
|            | 3055          |   |          | an..3           | Code list responsible agency              | n.a.                                                                        |
|            | 3222          |   | D[Use 1] | an..70          | Related place/location one                | Full name of the terminal                                                   |
|            | C553          |   | C        |                 | RELATED LOCATION TWO IDENTIFICATION       |                                                                             |
|            | 3233          |   | M        | an..35<br>(an5) | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10                     |
|            | 1131          |   |          | an..17          | Code list qualifier                       |                                                                             |

| 1          | 2             | 3 | 4        | 5               | 6                                         | 7                                                                           |
|------------|---------------|---|----------|-----------------|-------------------------------------------|-----------------------------------------------------------------------------|
|            | 3055          |   |          | an..3           | Code list responsible agency              | n.a.                                                                        |
|            | 3232          |   | C        | an..70<br>(an5) | Related place/location two                | Fairway section hectometre                                                  |
|            | 5479          |   |          | an..3           | Relation                                  | n.a.                                                                        |
|            |               |   |          |                 |                                           |                                                                             |
| <b>NAD</b> | <b>LOC(3)</b> |   | <b>M</b> |                 | <b>PLACE/LOCATION IDENTIFICATION</b>      | <b>Place of Disembarkation</b>                                              |
|            | 3227          |   | M        | an..3           | Place/location qualifier                  | '179' for place of disembarkation                                           |
|            | C517          |   | M        |                 | LOCATION IDENTIFICATION                   |                                                                             |
|            | 3225          |   | C        | an..35<br>(an5) | Place/location identification             | UNECE location code (Rec. 16) of the port, see Annex Part II, Chapter 2.3.9 |
|            | 1131          |   |          | an..17          | Code list qualifier                       | n.a.                                                                        |
|            | 3055          |   |          | an..3           | Code list responsible agency              | n.a.                                                                        |
|            | 3224          |   | D[Use 1] | an..256         | Place/location                            | Full name of the port location                                              |
|            | C519          |   | C        |                 | RELATED LOCATION ONE IDENTIFICATION       |                                                                             |
|            | 3223          |   | M        | an..25<br>(an5) | Related place/location one identification | Terminal code, see Annex Part II, Chapter 2.3.11                            |
|            | 1131          |   |          | an..17          | Code list qualifier                       | n.a.                                                                        |
|            | 3055          |   |          | an..3           | Code list responsible agency              | n.a.                                                                        |
|            | 3222          |   | D[Use 1] | an..70          | Related place/location one                | Full name of the terminal                                                   |
|            | C553          |   | C        |                 | RELATED LOCATION TWO IDENTIFICATION       |                                                                             |

| 1          | 2          | 3        | 4        | 5               | 6                                         | 7                                                                                                                                                                     |
|------------|------------|----------|----------|-----------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | 3233       |          | M        | an..25<br>(an5) | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10                                                                                                               |
|            | 1131       |          |          | an..17          | Code list qualifier                       |                                                                                                                                                                       |
|            | 3055       |          |          | an..3           | Code list responsible agency              | n.a.                                                                                                                                                                  |
|            | 3232       |          | C        | an..70<br>(an5) | Related place/location two                | Fairway section hectometre                                                                                                                                            |
|            | 5479       |          |          | an..3           | Relation                                  | n.a.                                                                                                                                                                  |
|            |            |          |          |                 |                                           |                                                                                                                                                                       |
| <b>NAD</b> | <b>DOC</b> | <b>1</b> | <b>M</b> |                 | <b>Travel document details</b>            | <b>Travel document details</b>                                                                                                                                        |
|            | C002       |          | M        |                 | Document/message name                     | Document/message name                                                                                                                                                 |
|            | 1001       |          | M        | n..3            | Document/message name, coded              | Document type:<br>'39' Passport<br>'36' Identity card<br>'SMB' Seaman's book<br>'40' Driving licence (national)<br>'41' Driving licence (international)<br>'483' Visa |
|            | 1131       |          |          | an..17          | Code list qualifier                       | n.a.                                                                                                                                                                  |
|            | 3055       |          |          | an..3           | Code list responsible agency, coded       | n.a.                                                                                                                                                                  |
|            | 1000       |          | C        | an..35          | Document name                             | Type of Visa                                                                                                                                                          |
|            | C503       |          | M        |                 | Document/message details                  |                                                                                                                                                                       |

| 1          | 2          | 3        | 4        | 5      | 6                                              | 7                      |
|------------|------------|----------|----------|--------|------------------------------------------------|------------------------|
|            | 1004       |          | M        | an..35 | Document/message number                        | Document identifier    |
|            | 1373       |          |          | an..3  | Document/message status, coded                 | n.a.                   |
|            | 1366       |          |          | an..70 | Document/message source                        | n.a.                   |
|            | 3453       |          |          | an..3  | Language, coded                                | n.a.                   |
|            | 1056       |          |          | an..9  | Version                                        | n.a.                   |
|            | 1060       |          |          | an..6  | Revision number                                | n.a.                   |
|            | 3153       |          |          | an..3  | Communication channel identifier, coded        | n.a.                   |
|            | 1220       |          |          | n..2   | Number of copies of document required          | n.a.                   |
|            | 1218       |          |          | n..2   | Number of originals of document required       | n.a.                   |
|            |            |          |          |        |                                                |                        |
| <b>DOC</b> | <b>DTM</b> | <b>2</b> | <b>C</b> |        | <b>DATE/TIME/PERIOD</b>                        | <b>Expiration date</b> |
|            | C507       |          |          |        | Date/time/period                               | Date/time/period       |
|            | 2005       |          | M        | an..3  | Date or time or period function code qualifier | '192'                  |

| 1          | 2             | 3        | 4        | 5               | 6                                         | 7                                                               |
|------------|---------------|----------|----------|-----------------|-------------------------------------------|-----------------------------------------------------------------|
|            | 2380          |          | M        | an..35          | Date or time period value                 | Date: CCYYMMDD                                                  |
|            | 2379          |          | M        | an..3           | Date or time or period format code        | '102'                                                           |
|            |               |          |          |                 |                                           |                                                                 |
| <b>TDT</b> | <b>LOC(1)</b> | <b>1</b> | <b>M</b> |                 | <b>PLACE/LOCATION IDENTIFICATION</b>      | <b>Place of issue of document</b>                               |
|            | 3227          |          | M        | an..3           | Place/location qualifier                  | '44'                                                            |
|            | C517          |          | M        |                 | LOCATION IDENTIFICATION                   |                                                                 |
|            | 3225          |          | C        | an..35<br>(an5) | Place/location identification             | UNECE location code (Rec. 16), see Annex Part II, Chapter 2.3.9 |
|            | 1131          |          |          | an..17          | Code list qualifier                       | n.a.                                                            |
|            | 3055          |          |          | an..3           | Code list responsible agency              | n.a.                                                            |
|            | 3224          |          |          | an..256         | Place/location                            | n.a.                                                            |
|            | C519          |          |          |                 | RELATED LOCATION ONE IDENTIFICATION       | n.a.                                                            |
|            | 3223          |          |          | an..25          | Related place/location one identification | n.a.                                                            |
|            | 1131          |          |          | an..17          | Code list qualifier                       | n.a.                                                            |
|            | 3055          |          |          | an..3           | Code list responsible agency              | n.a.                                                            |

| 1 | 2          | 3        | 4        | 5                 | 6                                                  | 7                                                       |
|---|------------|----------|----------|-------------------|----------------------------------------------------|---------------------------------------------------------|
|   | 3222       |          |          | an..70            | Related place/location one                         | n.a.                                                    |
|   | C553       |          |          |                   | RELATED LOCATION TWO IDENTIFICATION                | n.a.                                                    |
|   | 3233       |          |          | an..25            | Related place/location two identification          | n.a.                                                    |
|   | 1131       |          |          | an..17            | Code list qualifier                                | n.a.                                                    |
|   | 3055       |          |          | an..3             | Code list responsible agency                       | n.a.                                                    |
|   | 3232       |          |          | an..70<br>(an..5) | Related place/location two                         | n.a.                                                    |
|   | 5479       |          |          | an..3             | Relation                                           | n.a.                                                    |
|   |            |          |          |                   |                                                    |                                                         |
|   | <b>UNT</b> | <b>0</b> | <b>M</b> |                   | <b>MESSAGE TRAILER</b>                             | <b>End and control of completeness of the message</b>   |
|   | 0074       |          | M        | n..6              | Number of segments in the message                  |                                                         |
|   | 0062       |          | M        | an..14            | First 14 positions of the message reference number | First 14 positions of the message reference number      |
|   |            |          |          |                   |                                                    |                                                         |
|   | <b>UNZ</b> |          | <b>M</b> |                   | <b>INTERCHANGE TRAILER</b>                         | <b>End and control of the interchange</b>               |
|   | 0036       |          | M        | n..6              | Interchange control count                          | '1' for number of messages contained in the interchange |
|   | 0020       |          | M        | an..14            | Interchange control reference                      | First 14 positions of the message reference number      |

| Business Rules |                                                                      |
|----------------|----------------------------------------------------------------------|
| D[USE 1]       | If the code is XXXXX, then this data-element shall be completed.     |
| D[USE 2]       | This data-element is mandatory if person requires additional support |

*Appendix 3***ERINOT response and receipt message (APERAK) — ERIRSP****1. APERAK GENERAL RESPONSE AND RECEIPT MESSAGE**

This message shall be used to provide where required answering and response functions to sent messages.

The function of this message is:

- (a) to inform a message issuer that his message has been received by the addressee's application and has been rejected due to errors encountered during its processing in the application;
- (b) to acknowledge to a message issuer the receipt of his message by the addressee's application.

**1.1. Field of application**

The application error and acknowledgement message can be used for both national and international applications. It is not dependent on the type of business or industry, neither it is a legal requirement: it is based on business practices related to administration and transport.

**1.2. Principles**

A message can first be controlled at system level (e.g. the CONTRL message) to detect syntax errors and to acknowledge its receipt. It shall be then transmitted to the application process to be processed.

When an acknowledgement is necessary an APERAK message shall be sent specifying the reasons of acknowledgement. If an error is detected at the application level, which prevents its complete processing, an APERAK message shall be sent to the original message issuer providing details of the error(s) encountered. In case of application error, the APERAK message shall be transmitted manually.

In case of acknowledgement the APERAK message shall be processed automatically or manually, at recipient's discretion.

**2. ERI RESPONSE MESSAGE ERIRSP**

The ERIRSP message is derived from the UN/EDIFACT APERAK message. The response messages to the functions (new, modification or cancellation) of the notification message ERINOT have all the same structure. The response to a 'modification' or a 'cancellation' contains information whether or not the 'modification' or 'cancellation' has been processed by the receiving system. A response is required only if the NAD (1)/COM segment, with qualifier 'EI', contains the mailbox number, or with qualifier 'EM', contains the email address where the response is to be returned to.

**2.1 Segment index (alphabetical sequence by tag)**

BGM Beginning of message

COM Communication contact

DTM Date/time/period

ERC Application error information

FTX Free text

NAD Name and address

RFF Reference

UNH Message header

UNT Message trailer

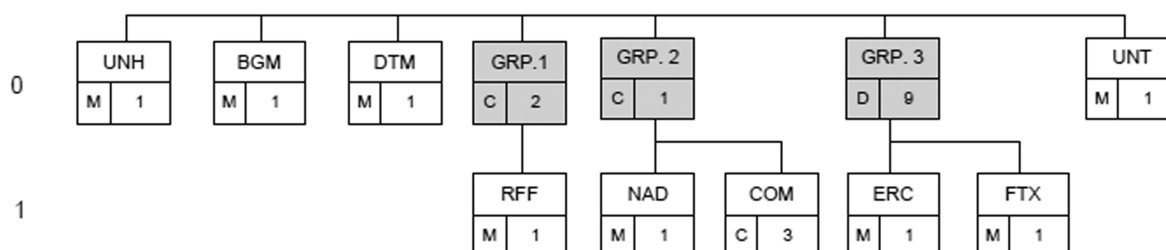
## 2.2. Segment table

| Pos  | Tag | Name                          | S    | R |
|------|-----|-------------------------------|------|---|
|      | UNB |                               | M    | 1 |
| 0010 | UNH | Message header                | M    | 1 |
| 0020 | BGM | Beginning of message          | M    | 1 |
| 0030 | DTM | Date/time/period              | M    | 1 |
| 0060 |     | Segment group 1               | C    | 2 |
| 0070 | RFF | Reference                     | M    | 1 |
| 0090 |     | Segment group 2               | C    | 1 |
| 0100 | NAD | Name and address              | M    | 1 |
| 0120 | COM | Communication contact         | C    | 3 |
| 0130 |     | Segment group 3               | D[1] | 9 |
| 0140 | ERC | Application error information | M    | 1 |
| 0150 | FTX | Free text                     | M    | 1 |
| 0190 | UNT | Message trailer               | M    | 1 |

### Business rules

|      |                                                                     |
|------|---------------------------------------------------------------------|
| D[1] | This segment-group is to be used if any application error(s) occur. |
|------|---------------------------------------------------------------------|

## 2.3 Branching Diagram



2.4 ERIRSP message structure

Table 2 defines the segments of the ERI response messages.

Table 2: ERI response message ERIRSP

| Segment Group | Segment<br>Composite data<br>element (C)<br>Data element<br>TAG | Level    | Status   | Format           | Name                                  | Description<br>Qualifiers in quotation marks                                           |
|---------------|-----------------------------------------------------------------|----------|----------|------------------|---------------------------------------|----------------------------------------------------------------------------------------|
| 1             | 2                                                               | 3        | 4        | 5                | 6                                     | 7                                                                                      |
|               | <b>UNB</b>                                                      | <b>0</b> | <b>M</b> |                  | <b>INTERCHANGE HEADER</b>             |                                                                                        |
|               | S001                                                            |          | M        |                  | SYNTAX IDENTIFIER                     |                                                                                        |
|               | 0001                                                            |          | M        | a4               | Syntax identifier                     | 'UNOA' Controlling agency                                                              |
|               | 0002                                                            |          | M        | n1               | Syntax version number                 | '2'                                                                                    |
|               | S002                                                            |          | M        |                  | INTERCHANGE SENDER                    |                                                                                        |
|               | 0004                                                            |          | M        | an..35<br>(an25) | Sender identification                 | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post |
|               | 0007                                                            |          |          | an..4            | Partner identification code qualifier | n.a.                                                                                   |
|               | 0008                                                            |          |          | an..14           | Address for reverse routing           | n.a.                                                                                   |
|               | S003                                                            |          | M        |                  | INTERCHANGE RECIPIENT                 |                                                                                        |
|               | 0010                                                            |          | M        | an..35<br>(an25) | Recipient identification              | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post |
|               | 0007                                                            |          |          | an..4            | Partner identification code qualifier | n.a.                                                                                   |
|               | 0014                                                            |          |          | an..14           | Routing address                       | n.a.                                                                                   |

| 1 | 2          | 3        | 4        | 5      | 6                                            | 7                                                      |
|---|------------|----------|----------|--------|----------------------------------------------|--------------------------------------------------------|
|   | S004       |          | M        |        | DATE/TIME OF PREPARATION                     |                                                        |
|   | 0017       |          | M        | n6     | Date                                         | Generation date, YYMMDD                                |
|   | 0019       |          | M        | n4     | Time                                         | Generation time, HHMM                                  |
|   | 0020       |          | M        | an..14 | Interchange control reference                | First 14 positions of the message reference number     |
|   | S005       |          |          |        | RECIPIENTS REFERENCE,<br>PASSWORD            |                                                        |
|   | 0022       |          |          | an..14 | Recipient's reference/password               | n.a.                                                   |
|   | 0025       |          |          | an2    | Recipient's reference, password<br>qualifier | n.a.                                                   |
|   | 0026       |          |          | an..14 | Application reference                        | n.a.                                                   |
|   | 0029       |          |          | a1     | Processing priority code                     | n.a.                                                   |
|   | 0031       |          |          | n1     | Acknowledgement request                      | n.a.                                                   |
|   | 0032       |          |          | an..35 | Communications agreement id                  | n.a.                                                   |
|   | 0035       |          | C        | n1     | Test indicator                               | '1' = the interchange relates to a test message        |
|   |            |          |          |        |                                              |                                                        |
|   | <b>UNH</b> | <b>0</b> | <b>M</b> |        | <b>MESSAGE HEADER</b>                        | Identification, specification and heading of a message |
|   | 0062       |          | M        | an..14 | Message reference number                     | First 14 positions of the message reference number     |
|   | S009       |          | M        |        | MESSAGE IDENTIFIER                           |                                                        |
|   | 0065       |          | M        | an..6  | Message type                                 | 'APERAK', message type                                 |
|   | 0052       |          | M        | an..3  | Message version number                       | 'D'                                                    |
|   | 0054       |          | M        | an..3  | Message release number                       | '98B'                                                  |
|   | 0051       |          | M        | an..2  | Controlling agency                           | 'UN'                                                   |

| 1 | 2          | 3        | 4        | 5                | 6                               | 7                                                                                                                                                                                                                                                                                                                       |
|---|------------|----------|----------|------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 0057       |          | M        | an..6            | Association assigned code       | 'ERI13', ERI Version 1.3                                                                                                                                                                                                                                                                                                |
|   | 0068       |          |          | an..35           | Common access reference         | n.a.                                                                                                                                                                                                                                                                                                                    |
|   | S010       |          |          |                  | STATUS OF THE TRANSFER          |                                                                                                                                                                                                                                                                                                                         |
|   | 0070       |          |          | n..2             | Sequence of transfers           | n.a.                                                                                                                                                                                                                                                                                                                    |
|   | 0073       |          |          | a1               | First and last transfer         | n.a.                                                                                                                                                                                                                                                                                                                    |
|   |            |          |          |                  |                                 |                                                                                                                                                                                                                                                                                                                         |
|   | <b>BGM</b> | <b>0</b> | <b>M</b> |                  | <b>BEGINNING OF MESSAGE</b>     | Identification of the type and function of the message                                                                                                                                                                                                                                                                  |
|   | C002       |          | M        |                  | DOCUMENT/MESSAGE NAME           |                                                                                                                                                                                                                                                                                                                         |
|   | 1001       |          | M        | an..3            | Document/message name code      | Type of message received for which this message contains the acknowledgement information:<br><br>'VES', from vessel to RIS authority message<br><br>'CAR', from carrier to RIS authority message<br><br>'PAS', passage report from RIS authority to RIS authority                                                       |
|   | 1131       |          |          | an..3            | Code list qualifier             | n.a.                                                                                                                                                                                                                                                                                                                    |
|   | 3055       |          |          | an..3            | Code list responsible agency    | n.a.                                                                                                                                                                                                                                                                                                                    |
|   | 1000       |          |          | an..35           | Document/message name           | n.a.                                                                                                                                                                                                                                                                                                                    |
|   | C106       |          | M        |                  | DOCUMENT/MESSAGE IDENTIFICATION |                                                                                                                                                                                                                                                                                                                         |
|   | 1004       |          | M        | an..35<br>(an15) | Document identifier             | Message reference number. This number shall be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number shall be used. The transitional system shall in this case not generate another message reference number. |

| 1     | 2              | 3        | 4        | 5      | 6                                              | 7                                                                                                                       |
|-------|----------------|----------|----------|--------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|       | 1056           |          |          | an..9  | Version                                        | n.a.                                                                                                                    |
|       | 1060           |          |          | an..6  | Revision number                                | n.a.                                                                                                                    |
|       | 1225           |          | M        | an..3  | Message function code                          | Function of message: '9' = new message (original)                                                                       |
|       | 4343           |          | M        | an..3  | Response type code                             | 'AP' accepted<br>'RE' rejected.<br>The notification is rejected if the transport is already arrived at its destination. |
|       |                |          |          |        |                                                |                                                                                                                         |
|       | <b>DTM</b>     | <b>1</b> | <b>M</b> |        | <b>DATE/TIME/PERIOD</b>                        | The date/time that the receiving application encounters the approval or rejection                                       |
|       | C507           |          | M        |        | DATE/TIME/PERIOD                               |                                                                                                                         |
|       | 2005           |          | M        | an..3  | Date or time or period function code qualifier | '137' for document/message date/time                                                                                    |
|       | 2380           |          | M        | an..35 | Date or time period value                      | Value of arrival time: YYMMDDHHMM                                                                                       |
|       | 2379           |          | M        | an..3  | Date or time or period format code             | '201' for YYMMDDHHMM                                                                                                    |
|       |                |          |          |        |                                                |                                                                                                                         |
| GRP 1 | <b>RFF (1)</b> | <b>1</b> | <b>C</b> |        | <b>REFERENCE</b>                               | Reference to previous message                                                                                           |
|       | C506           |          | M        |        | REFERENCE                                      |                                                                                                                         |
|       | 1153           |          | M        | an..3  | Reference qualifier                            | 'ACW' for reference number to previous message                                                                          |
|       | 1154           |          | M        | an..35 | Reference number                               | Message reference number from BGM, TAG 1004 of the message this message refers to                                       |
|       | 1156           |          |          | an..6  | Line number                                    | n.a.                                                                                                                    |
|       | 4000           |          |          | an..35 | Reference version number                       | n.a.                                                                                                                    |

| 1            | 2              | 3        | 4        | 5      | 6                             | 7                                                                                                                                                                                                                    |
|--------------|----------------|----------|----------|--------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | 1060           |          |          | an..6  | Revision number               | n.a.                                                                                                                                                                                                                 |
|              |                |          |          |        |                               |                                                                                                                                                                                                                      |
| GRP 1        | <b>RFF (2)</b> | <b>1</b> | <b>C</b> |        | <b>REFERENCE</b>              | Reference to transaction/invoice number                                                                                                                                                                              |
|              | C506           |          | M        |        | REFERENCE                     |                                                                                                                                                                                                                      |
|              | 1153           |          | M        | an..3  | Reference qualifier           | 'AAY' for reference number to transaction                                                                                                                                                                            |
|              | 1154           |          | M        | an..35 | Reference number              | Reference number assigned by the receiving authority. The reference number shall start with the UN country code followed by three positions for the assigning system. The final part is the actual reference number. |
|              | 1156           |          |          | an..6  | Line number                   | n.a.                                                                                                                                                                                                                 |
|              | 4000           |          |          | an..35 | Reference version number      | n.a.                                                                                                                                                                                                                 |
|              | 1060           |          |          | an..6  | Revision number               | n.a.                                                                                                                                                                                                                 |
|              |                |          |          |        |                               |                                                                                                                                                                                                                      |
| <b>GRP 2</b> | <b>NAD</b>     | <b>1</b> | <b>M</b> |        | <b>NAME and ADDRESS</b>       | Name and address of the sender of the notification                                                                                                                                                                   |
|              | 3035           |          | M        | an..3  | Party function code qualifier | 'MS' for message sender                                                                                                                                                                                              |
|              | C082           |          |          |        | PARTY IDENTIFICATION DETAILS  | n.a.                                                                                                                                                                                                                 |
|              | 3039           |          |          | an..35 | Party identification          | n.a.                                                                                                                                                                                                                 |
|              | 1131           |          |          | an..3  | Code list qualifier           | n.a.                                                                                                                                                                                                                 |
|              | 3055           |          |          | an..3  | Code list responsible agency  | n.a.                                                                                                                                                                                                                 |
|              | C058           |          |          |        | NAME AND ADDRESS              | n.a.                                                                                                                                                                                                                 |
|              | 3124           |          |          | an..35 | Name and address line         | n.a.                                                                                                                                                                                                                 |
|              | 3124           |          |          | an..35 | Name and address line         | n.a.                                                                                                                                                                                                                 |

| 1 | 2    | 3 | 4 | 5      | 6                                 | 7                                                           |
|---|------|---|---|--------|-----------------------------------|-------------------------------------------------------------|
|   | 3124 |   |   | an..35 | Name and address line             | n.a.                                                        |
|   | 3124 |   |   | an..35 | Name and address line             | n.a.                                                        |
|   | 3124 |   |   | an..35 | Name and address line             | n.a.                                                        |
|   | C080 |   | M |        | PARTY NAME                        |                                                             |
|   | 3036 |   | M | an..35 | Party name                        | Name of the sender of the notification                      |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                                        |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                                        |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                                        |
|   | 3036 |   |   | an..35 | Party name                        | n.a.                                                        |
|   | 3045 |   |   | an..3  | Party name format, coded          | n.a.                                                        |
|   | C059 |   | C |        | STREET                            |                                                             |
|   | 3042 |   | M | an..35 | Street and number/PO box          | Street and number or post office box                        |
|   | 3042 |   |   | an..35 | Street and number/PO box          | n.a.                                                        |
|   | 3042 |   |   | an..35 | Street and number/PO box          | n.a.                                                        |
|   | 3042 |   |   | an..35 | Street and number/PO box          | n.a.                                                        |
|   | 3164 |   | C | an..35 | City name                         | City                                                        |
|   | 3229 |   |   | an..9  | Country sub-entity identification | n.a.                                                        |
|   | 3251 |   | C | an..9  | Postcode identification           | Postal identification code                                  |
|   | 3207 |   | C | an..3  | Country                           | ISO 3166-1 two alpha country code, see Annex, Chapter 2.3.8 |
|   |      |   |   |        |                                   |                                                             |

| 1            | 2          | 3        | 4        | 5      | 6                                    | 7                                                                          |
|--------------|------------|----------|----------|--------|--------------------------------------|----------------------------------------------------------------------------|
| <b>NAD</b>   | <b>COM</b> | <b>2</b> | <b>C</b> |        | <b>COMMUNICATION CONTACT</b>         | Sender communication contact details (maximum 3 times)                     |
|              | C076       |          | M        |        | COMMUNICATION CONTACT                |                                                                            |
|              | 3148       |          | M        | an..70 | Communication number                 | Communication number                                                       |
|              | 3155       |          | M        | an..3  | Communication channel qualifier      | 'TE' for telephone number<br>'FX' for fax number<br>'EM' for Email address |
|              |            |          |          |        |                                      |                                                                            |
| <b>GRP 3</b> | <b>ERC</b> | <b>1</b> | <b>C</b> |        | <b>APPLICATION ERROR INFORMATION</b> |                                                                            |
|              | C901       |          | M        |        | APPLICATION ERROR DETAIL             |                                                                            |
|              | 9321       |          | M        | an..8  | Application error                    | Application error code                                                     |
|              | 1131       |          |          | an..3  | Code list qualifier                  | n.a.                                                                       |
|              | 3055       |          |          | an..3  | Code list responsible agency         | n.a.                                                                       |
|              |            |          |          |        |                                      |                                                                            |
| <b>ERC</b>   | <b>FTX</b> | <b>2</b> | <b>M</b> |        | <b>FREE TEXT</b>                     | To communicate the reason for rejection                                    |
|              | 4451       |          | M        | an..3  | Text subject code qualifier          | 'AAO' for free text error description                                      |
|              | 4453       |          |          | an..3  | Free text function code              | n.a.                                                                       |
|              | C107       |          |          |        | TEXT REFERENCE                       |                                                                            |
|              | 4441       |          |          | an..17 | Free text identification             | n.a.                                                                       |
|              | 1131       |          |          | an..3  | Code list qualifier                  | n.a.                                                                       |
|              | 3055       |          |          | an..3  | Code list responsible agency         | n.a.                                                                       |

| 1 | 2          | 3 | 4        | 5      | 6                               | 7                                                       |
|---|------------|---|----------|--------|---------------------------------|---------------------------------------------------------|
|   | C108       |   | C        |        | TEXT LITERAL                    | Text                                                    |
|   | 4440       |   | M        | an..70 | Free text                       | Further description                                     |
|   | 4440       |   | C        | an..70 | Free text                       | Further description                                     |
|   | 4440       |   | C        | an..70 | Free text                       | Further description                                     |
|   | 4440       |   | C        | an..70 | Free text                       | Further description                                     |
|   | 4440       |   | C        | an..70 | Free text                       | Further description                                     |
|   | 3453       |   |          | an..3  | Language, coded                 | n.a.                                                    |
|   | 4447       |   |          | an..3  | Text formatting, coded          | n.a.                                                    |
|   |            |   |          |        |                                 |                                                         |
|   | <b>UNT</b> |   | <b>M</b> |        | <b>MESSAGE TRAILER</b>          | End and control of completeness of the message          |
|   | 0074       |   | M        | n..6   | Number of segments in a message |                                                         |
|   | 0062       |   | M        | an..14 | Message reference number        | First 14 positions of the message reference number      |
|   |            |   |          |        |                                 |                                                         |
|   | <b>UNZ</b> |   | <b>M</b> |        | <b>INTERCHANGE TRAILER</b>      | End and control of the interchange                      |
|   | 0036       |   | M        | n..6   | Interchange control count       | '1' for number of messages contained in the interchange |
|   | 0020       |   | M        | an..14 | Interchange control reference   | First 14 positions of the message reference number      |

### 3. ERROR CODES

For data attribute: *MESSAGE REFERENCE ANSWERED TO ERROR DESCR CODE*, the error codes available electronically in the European Reference Data Management System (ERDMS) operated by the European Commission shall be used in in segment ERC, data element 9321.

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*Appendix 4***Berth management port notification (BERMAN)****1. NECESSARY DATA IN ACCORDANCE WITH THE FAL CONVENTION**

In the FAL General Declaration <sup>(1)</sup>, public authorities shall not require more than the following information:

1. name and description of the ship
2. nationality of ship
3. particulars regarding registry
4. particulars regarding tonnage
5. name of master
6. name and address of ship's agent
7. brief description of cargo
8. number of crew
9. number of passengers
10. brief particulars of voyage
11. date and time of arrival, date of departure
12. port of arrival or departure
13. position of the ship in the port
14. the ships requirements in terms of waste and residue reception facilities
15. purpose of call

In addition the following particulars are to be included for ISPS <sup>(2)</sup> purposes:

16. name of the ships security officer
17. security certificate (ISSC) number and authority
18. security level at which ship is operating level 1, 2 or 3
19. information on number of persons and vehicles

**2. MESSAGE FUNCTION****2.1. Functional definition**

The BERMAN message is a message from a carrier, its agent or a vessel to the responsible port authority, requesting a berth, giving details of the call, ship, berth requirements and expected operations <sup>(3)</sup>. It is based on the EDIFACT BERMAN message as published in the UN/EDIFACT D 04B directory.

<sup>(1)</sup> IMO Compendium on facilitation and electronic business, FAL.5/Cic.35, 9 September 2011; referred to in the Annex to Directive 2010/65/EU of the European Parliament and of the Council of 20 October 2010 on reporting formalities for ships arriving in and/or departing from ports of the Member States and repealing Directive 2002/6/EC (OJ L 283, 29.10.2010, p. 1).

<sup>(2)</sup> The International Ship and Port Facility Security Code (ISPS code) was adopted by the IMO in 2002; it is mandatory under the SOLAS Convention entering in force on 1 July 2004.

<sup>(3)</sup> In accordance with the IMO Compendium, the BERMAN message can be used as a substitute for the IMO General Declaration (CUS-REP) for the purpose of the announcement of the expected arrival of a ship in a certain port.

## 2.2. Field of application

The message is based on and supports the implementation by means of EDI of the following international and European legislation:

- (a) the *IMO FAL Form 1* (as also contained in the IMO Compendium on Facilitation and electronic business, document FAL.5/Circ.15, dated 19 February 2001 and also contained in Directive 2010/65/EU of the European Parliament and of the Council <sup>(\*)</sup>);
- (b) *International ship and port facility security (ISPS) code*, adopted by the Conference of Contracting Governments of the International Maritime Organisation (IMO) on 12 December 2002, in the amendments to the annex to the International Convention of Safety of Life at Sea (SOLAS), 1974 and *Regulation (EC) No 725/2004*.

## 2.3. Message principles

The following principles shall apply to the BERMAN message as defined in these technical specifications for the purpose of electronic ship reporting in inland navigation:

1. A message shall contain information on only one means of transport/conveyance.
2. One message shall relate to one visit of a ship to one port of call.
3. The visit of the vessel shall be identified by a unique call reference number that is issued by or on behalf of the authority in the port (e.g. the port authority or the customs authority).
4. The message shall incorporate the information related to applicable requirements regarding the notification of a ship to a port. It shall support one request for the ship — be it for entering the port, berthing on arrival of the ship, leaving the berth on departure of the ship or shifting of berths for the ship within the port or for only transiting through the port area.
5. The arrival notification shall contain all details regarding the movement of the ship from outside the port area to the first berth in the port area. The additional services to be arranged for arrival at the first berth (e.g. arrangement of pilots, VTS, tugboats, and linesmen) may be specified. The ETA (estimated time of arrival) at the entry point and previous port of call of the ship shall be given.
6. A shift berthing request shall contain all details as to the movement from one berth to the next berth in the same port area. The additional services to be arranged (e.g. arrangement of tugboats, pilots or linesman) may be specified for each berth separately. The ETD (estimated time of departure) for the first berth is mandatory. The shift berthing request shall further contain the other berths that are planned to be visited during the ship's call, including the ETA at those berths.
7. A departure request shall contain all details related to the departure of the ship from the (last) berth in the port area. Additional services to be arranged for departure from the berth (e.g. arrangement of tugboats, pilots or linesman) may be specified. The ETD from the berth and the next port of call of the ship shall be given upon departure.
8. The message shall cater for the provision of sending a replacement or a cancellation of a previously sent original message.
9. The message content shall be 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 the unique ship ID of the ship or the voyage number, are secondary references. The sending of replacements and updates also makes use of this principle.

## 3. MESSAGE STRUCTURE

### 3.1 Segment index (alphabetical sequence by tag)

BGM Beginning of message

COM Communication contact

CTA Contact information

DTM Date/time/period

FTX Free text

GDS Nature of cargo

<sup>(\*)</sup> Directive 2010/65/EU of the European Parliament and of the Council of 20 October 2010 on reporting formalities for ships arriving in and/or departing from ports of the Member States and repealing Directive 2002/6/EC (OJ L 283, 29.10.2010, p. 1).

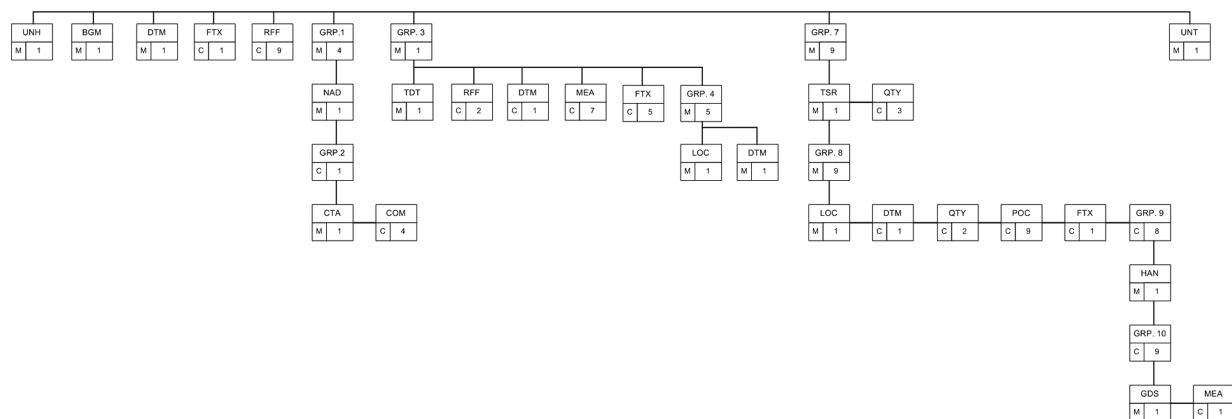
HAN Handling instructions  
 LOC Place/location identification  
 MEA Measurements  
 NAD Name and address  
 POC Purpose of call  
 QTY Quantity  
 RFF Reference  
 TDT Transport information  
 TSR Transport service requirements  
 UNH Message header  
 UNT Message Trailer

### 3.2 Segment table

| Pos  | Tag | Name                  | S | R |
|------|-----|-----------------------|---|---|
|      | UNA |                       | C | 1 |
|      | UNB |                       | M | 1 |
| 0010 | UNH | Message header        | M | 1 |
| 0020 | BGM | Beginning of message  | M | 1 |
| 0030 | DTM | Date/time/period      | M | 1 |
| 0040 | FTX | Free text             | C | 1 |
| 0050 | RFF | Reference             | C | 9 |
| 0070 |     | Segment Group 1       | M | 4 |
| 0080 | NAD | Name and address      | M | 1 |
| 0090 |     | Segment Group 2       | C | 1 |
| 0100 | CTA | Contact information   | M | 1 |
| 0110 | COM | Communication contact | C | 4 |
| 0120 |     | Segment Group 3       | M | 1 |
| 0130 | TDT | Transport information | M | 1 |
| 0140 | RFF | Reference             | C | 2 |
| 0150 | DTM | Date/time/period      | C | 1 |
| 0160 | MEA | Measurements          | C | 7 |

| Pos  | Tag | Name                           | S | R |
|------|-----|--------------------------------|---|---|
| 0170 | FTX | Free text                      | C | 9 |
| 0190 |     | Segment Group 4                | M | 5 |
| 0200 | LOC | Place/location identification  | M | 1 |
| 0210 | DTM | Date/time/period               | M | 1 |
| 0300 |     | Segment Group 7                | M | 9 |
| 0310 | TSR | Transport service requirements | M | 1 |
| 0320 | QTY | Quantity                       | C | 3 |
| 0340 |     | Segment Group 8                | M | 9 |
| 0350 | LOC | Place/location identification  | M | 1 |
| 0370 | DTM | Date/time/period               | C | 1 |
| 0380 | QTY | Quantity                       | C | 2 |
| 0390 | POC | Purpose of call                | C | 9 |
| 0400 | FTX | Free text                      | C | 1 |
| 0410 |     | Segment Group 9: HAN           | C | 8 |
| 0420 | HAN | Handling instructions          | M | 1 |
| 0440 |     | Segment Group 10: GDS          | C | 9 |
| 0450 | GDS | Nature of cargo                | M | 1 |
| 0470 | MEA | Measurements                   | C | 1 |
| 0500 | UNT | Message Trailer                | M | 1 |

### 3.3 Branching Diagram



The pre-arrival notification message format for the berth management message is as follows:

| Segment Group | Segment Composite data element (C)<br>Data element TAG | Level | Status   | Format | Description segments/fields            | Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes |
|---------------|--------------------------------------------------------|-------|----------|--------|----------------------------------------|--------------------------------------------------------------------------------------------------|
| 1             | 2                                                      | 3     | 4        | 5      | 6                                      | 7                                                                                                |
|               | <b>UNA</b>                                             |       | <b>C</b> |        | <b>SERVICE STRING ADVICE</b>           |                                                                                                  |
|               |                                                        |       | M        | an1    | Component data element separator       | :                                                                                                |
|               |                                                        |       | M        | an1    | Segment tag and data element separator | +                                                                                                |
|               |                                                        |       | M        | an1    | Decimal notation                       | .                                                                                                |
|               |                                                        |       | M        | an1    | Release indicator                      | ?                                                                                                |
|               |                                                        |       | M        | an1    | Reserved future use                    | Space                                                                                            |
|               |                                                        |       | M        | an1    | Segment terminator                     | '                                                                                                |
|               |                                                        |       |          |        | Advised string: UNA:+.? '              | 6 characters                                                                                     |
|               |                                                        |       |          |        |                                        |                                                                                                  |
|               | <b>UNB</b>                                             |       | <b>M</b> |        | <b>INTERCHANGE HEADER</b>              |                                                                                                  |
|               | S001                                                   |       | M        |        | SYNTAX IDENTIFIER                      |                                                                                                  |
|               | 0001                                                   |       | M        | a4     | Syntax identifier                      | 'UNOC' Controlling agency                                                                        |
|               | 0002                                                   |       | M        | n1     | Syntax version number                  | '2'                                                                                              |
|               | S002                                                   |       | M        |        | INTERCHANGE SENDER                     |                                                                                                  |

| 1 | 2    | 3 | 4 | 5                | 6                                            | 7                                                                                        |
|---|------|---|---|------------------|----------------------------------------------|------------------------------------------------------------------------------------------|
|   | 0004 |   | M | an..35<br>(an25) | Sender identification                        | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post   |
|   | 0007 |   |   | an..4            | Partner identification code qualifier        | n.a.                                                                                     |
|   | 0008 |   |   | an..14           | Address for reverse routing                  | n.a.                                                                                     |
|   | S003 |   | M |                  | INTERCHANGE RECIPIENT                        |                                                                                          |
|   | 0010 |   | M | an..35<br>(an25) | Recipient identification                     | Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post   |
|   | 0007 |   | C | an..4            | Partner identification code qualifier        | n.a.                                                                                     |
|   | 0014 |   | C | an..14           | Routing address                              | n.a.                                                                                     |
|   | S004 |   | M |                  | DATE/TIME OF PREPARATION                     |                                                                                          |
|   | 0017 |   | M | n6               | Date                                         | Generation date, YYMMDD                                                                  |
|   | 0019 |   | M | n4               | Time                                         | Generation time, HHMM                                                                    |
|   | 0020 |   | M | an..14           | Interchange reference identification         | First 14 positions of the message reference number                                       |
|   | S005 |   | C |                  | RECIPIENTS REFERENCE,<br>PASSWORD            | n.a.                                                                                     |
|   | 0022 |   |   | an..14           | Recipient's reference/password               | n.a.                                                                                     |
|   | 0025 |   |   | an2              | Recipient's reference, password<br>qualifier | n.a.                                                                                     |
|   | 0026 |   |   | an..14           | Application reference                        | n.a.                                                                                     |
|   | 0029 |   |   | a1               | Processing priority code                     | n.a.                                                                                     |
|   | 0031 |   | C | n1               | Acknowledgement request                      | '1' = Sender requests acknowledgement, i.e. UNB and UNZ segments received and identified |

| 1 | 2          | 3 | 4        | 5      | 6                                                             | 7                                                              |
|---|------------|---|----------|--------|---------------------------------------------------------------|----------------------------------------------------------------|
|   | 0032       |   |          | an..35 | Communications agreement id                                   | n.a.                                                           |
|   | 0035       |   |          | C      | Test indicator                                                | Test indicator '1' = the interchange relates to a test message |
|   |            |   |          |        |                                                               |                                                                |
|   | <b>UNH</b> |   | <b>M</b> |        | <b>IDENTIFICATION, SPECIFICATION AND HEADING OF A MESSAGE</b> |                                                                |
|   | 0062       |   | M        | an..14 | Message reference number                                      | First 14 positions of the message number                       |
|   | S009       |   | M        |        | MESSAGE IDENTIFIER                                            | Message identification                                         |
|   | 0065       |   | M        | an..6  | Message type                                                  | 'BERMAN', message type                                         |
|   | 0052       |   | M        | an..3  | Message version number                                        | 'D', message version number                                    |
|   | 0054       |   | M        | an..3  | Message release number                                        | '05B', message release number                                  |
|   | 0051       |   | M        | an..2  | Controlling agency                                            | 'UN', controlling agency                                       |
|   | 0057       |   | M        | an..6  | Association assigned code                                     | 'ERI13', ERI version 1.3                                       |
|   | 0068       |   | C        | an..35 | Common access reference                                       | Reference to all messages related to one common file           |
|   | S010       |   |          |        | STATUS OF THE TRANSFER                                        |                                                                |
|   | 0070       |   |          | n..2   | Sequence of transfers                                         | n.a.                                                           |
|   | 0073       |   |          | a1     | First and last transfer                                       | n.a.                                                           |
|   |            |   |          |        |                                                               |                                                                |
|   | <b>BGM</b> |   | <b>M</b> |        | <b>BEGINNING OF MESSAGE</b>                                   | <b>Identification of the type and function of the message</b>  |
|   | C002       |   |          |        | DOCUMENT/MESSAGE NAME                                         |                                                                |

| 1 | 2    | 3 | 4 | 5      | 6                               | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---|------|---|---|--------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 1001 |   | M | an..3  | Document/message name code      | <p>Message Type:</p> <p>'22' = Final transmission (End of voyage)</p> <p>23 Status information Information regarding the status of a related message.</p> <p>185 Conveyance declaration (arrival) Declaration to the public authority upon arrival of the conveyance.</p> <p>186 Conveyance declaration (departure) Declaration to the public authority upon departure of the conveyance.</p> <p>187 Conveyance declaration (combined) Combined declaration of arrival and departure to the public authority.</p> <p>318 Application for shifting from the designated place in port Document to apply for shifting from the designated place in port.</p> <p>282 Modification of existing message Requesting a change to an existing message.</p> <p><i>Note: 187 to be used as continued voyage indicator</i></p> |
|   | 1131 |   |   | an..17 | Code list qualifier             | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   | 3055 |   |   | an..3  | Code list responsible agency    | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   | 1000 |   |   | an..35 | Document/message name           | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   | C106 |   | M |        | DOCUMENT/MESSAGE IDENTIFICATION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   | 1004 |   | M | an..35 | Document identifier             | Use max. (an15) for message reference number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|   | 1056 |   |   | an..9  | Version                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   | 1060 |   |   | an..6  | Revision number                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| 1 | 2          | 3 | 4        | 5      | 6                                              | 7                                                                                                                                                                                                                                         |
|---|------------|---|----------|--------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 1225       |   | M        | an..3  | Message function code                          | <i>Function of message:</i><br>'9' = new message, original<br>'5' = modification message by replacement<br>'1' = cancellation<br>'22' = Final transmission (End of voyage)<br>'150' = Interruption of voyage<br>'151' = Restart of voyage |
|   | 4343       |   |          | an..3  | Response type code                             | 'QA'                                                                                                                                                                                                                                      |
|   |            |   |          |        |                                                |                                                                                                                                                                                                                                           |
|   | <b>DTM</b> |   | <b>M</b> |        | <b>DATE/TIME/PERIOD</b>                        |                                                                                                                                                                                                                                           |
|   | C507       |   | M        |        | DATE/TIME/PERIOD                               |                                                                                                                                                                                                                                           |
|   | 2005       |   | M        | an..3  | Date or time or period function code qualifier | '137' Date of preparation                                                                                                                                                                                                                 |
|   | 2380       |   | M        | an..35 | Date or time period value                      | Date: CCYYMMDD                                                                                                                                                                                                                            |
|   | 2379       |   | M        | an..3  | Date or time or period format code             | '102'<br>For CCYYMMDDHHMM use '203'                                                                                                                                                                                                       |
|   |            |   |          |        |                                                |                                                                                                                                                                                                                                           |
|   | <b>FTX</b> |   | <b>C</b> |        | FREE TEXT                                      |                                                                                                                                                                                                                                           |
|   | 4451       |   | M        | an..3  | Text subject code qualifier                    | 'CHG' = Change information                                                                                                                                                                                                                |
|   | 4453       |   |          | an..3  | Free text function code                        | n.a.                                                                                                                                                                                                                                      |
|   | C107       |   |          |        | TEXT REFERENCE                                 |                                                                                                                                                                                                                                           |

| 1 | 2    | 3 | 4 | 5       | 6                            | 7                                                                                                                                                           |
|---|------|---|---|---------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 4441 |   | C | an..17  | Free text identification     | General information on the call of the vessel<br>CAM = mistakes in previous message<br>CAN = cancelled because of cargo change<br>GIV = General info vessel |
|   | 1131 |   |   | an..17  | Code list qualifier          | n.a.                                                                                                                                                        |
|   | 3055 |   |   | an..3   | Code list responsible agency | n.a.                                                                                                                                                        |
|   | C108 |   | C |         |                              |                                                                                                                                                             |
|   | 4440 |   | C | an..512 | Free text                    | Free text:<br>Vessel defects info (vessel, nautical equipment, cargo handling, protruding parts, fire, overheating, smoke)                                  |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                        |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                        |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                        |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                        |
|   | 3453 |   |   | an..3   | Language, coded              | n.a.                                                                                                                                                        |
|   | 4447 |   |   | an..3   | Text formatting, coded       | n.a.                                                                                                                                                        |
|   |      |   |   |         |                              |                                                                                                                                                             |
|   | RFF  |   | C |         | REFERENCE                    | Reference to the message which is changed, mandatory if the message is a modification message                                                               |
|   | C506 |   | M |         | REFERENCE                    |                                                                                                                                                             |

| 1 | 2          | 3 | 4        | 5      | 6                        | 7                                                                                                        |
|---|------------|---|----------|--------|--------------------------|----------------------------------------------------------------------------------------------------------|
|   | 1153       |   | M        | an..3  | Reference qualifier      | 'ACW'<br>Reference to previous message                                                                   |
|   | 1154       |   | M        | an..70 | Reference number         | Use (an15) message reference number of the BGM, tag 1004 of the message this current message refers to   |
|   | 1156       |   |          | an..6  | Line number              | n.a.                                                                                                     |
|   | 4000       |   |          | an..35 | Reference version number | n.a.                                                                                                     |
|   | 1060       |   |          | an..6  | Revision number          | n.a.                                                                                                     |
|   |            |   |          |        |                          |                                                                                                          |
|   | <b>RFF</b> |   | <b>C</b> |        | <b>REFERENCE</b>         | <b>Reference information</b>                                                                             |
|   | C506       |   | M        |        | REFERENCE                | Only if known                                                                                            |
|   | 1153       |   | M        | an..3  | Reference qualifier      | 'ATZ' Ship's stay reference number<br>'GDN' General Declaration number<br>'AAE' Goods declaration number |
|   | 1154       |   | M        | an..70 | Reference identifier     | Reference number or declaration number                                                                   |
|   | 1156       |   |          | an..6  | Line number              | n.a.                                                                                                     |
|   | 4000       |   |          | an..35 | Reference version number | n.a.                                                                                                     |
|   | 1060       |   |          | an..6  | Revision number          | n.a.                                                                                                     |
|   |            |   |          |        |                          |                                                                                                          |
|   | <b>RFF</b> |   | <b>C</b> |        | <b>REFERENCE</b>         | <b>REFERENCE INFORMATION</b>                                                                             |
|   | C506       |   | M        |        | REFERENCE                |                                                                                                          |

| 1               | 2          | 3 | 4        | 5      | 6                             | 7                                                                                                                                                                                                                   |
|-----------------|------------|---|----------|--------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | 1153       |   | M        | an..3  | Reference qualifier           | EPC = Electronic port clearance (single window)<br>'ACE' Related document number<br>'EPC' Referenced document is sent via EDI and an EPC application<br>'ROB' Referenced document is available but remains on board |
|                 | 1154       |   | M        | an..70 | Reference identifier          | '799' Ship's stores declaration<br>'797' Maritime declaration of health<br>'745' Passenger list<br>'744' Crew's effects declaration<br>'250' Crew list declaration<br>'85' Cargo declaration                        |
|                 | 1156       |   |          | an..6  | Line number                   | n.a.                                                                                                                                                                                                                |
|                 | 4000       |   |          | an..35 | Reference version number      | n.a.                                                                                                                                                                                                                |
|                 | 1060       |   |          | an..6  | Revision number               | n.a.                                                                                                                                                                                                                |
|                 |            |   |          |        |                               |                                                                                                                                                                                                                     |
| <b>NAD Gr 1</b> | <b>NAD</b> |   | <b>M</b> |        | <b>Name and address</b>       |                                                                                                                                                                                                                     |
|                 | 3035       |   | M        | an..3  | Party function code qualifier | Sender, carrier's agent and/or vessel master are mandatory<br>Name type:<br>'MS' Message sender<br>'CG' Carrier's agent<br>'CPE' Vessel captain (master)<br>'AM' Authorised official (security officer)             |

| 1 | 2    | 3 | 4 | 5      | 6                            | 7                                                 |
|---|------|---|---|--------|------------------------------|---------------------------------------------------|
|   | C082 |   | C |        | PARTY IDENTIFICATION DETAILS | Code if known at receiver, otherwise other fields |
|   | 3039 |   | M | an..35 | Party identification         | EAN number                                        |
|   | 1131 |   |   | an..17 | Code list qualifier          | n.a                                               |
|   | 3055 |   |   | an..3  | Code list responsible agency | n.a                                               |
|   | C058 |   |   |        | NAME AND ADDRESS             | n.a.                                              |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                              |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                              |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                              |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                              |
|   | 3124 |   |   | an..35 | Name and address line        | n.a.                                              |
|   | C080 |   |   |        | PARTY NAME                   | n.a.                                              |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                              |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                              |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                              |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                              |
|   | 3036 |   |   | an..35 | Party name                   | n.a.                                              |
|   | 3045 |   |   | an..3  | Party name format, coded     | n.a.                                              |
|   | C059 |   |   |        | STREET                       | n.a.                                              |
|   | 3042 |   |   | an..35 | Street and number/PO box     | n.a.                                              |
|   | 3042 |   |   | an..35 | Street and number/PO box     | n.a.                                              |

| 1        | 2    | 3 | 4 | 5       | 6                                     | 7                                                                         |
|----------|------|---|---|---------|---------------------------------------|---------------------------------------------------------------------------|
|          | 3042 |   |   | an..35  | Street and number/PO box              | n.a.                                                                      |
|          | 3042 |   |   | an..35  | Street and number/PO box              | n.a.                                                                      |
|          | 3164 |   |   | an..35  | City Name                             | n.a.                                                                      |
|          | C819 |   |   |         | Country sub-entity details            | n.a.                                                                      |
|          | 3229 |   |   | an..9   | n.a.                                  | n.a.                                                                      |
|          | 1132 |   |   | an..17  | n.a.                                  | n.a.                                                                      |
|          | 3055 |   |   | an..3   | n.a.                                  | n.a.                                                                      |
|          | 3228 |   |   | an..70  | n.a.                                  | n.a.                                                                      |
|          | 3251 |   | C | an..17  | Postcode identification               | Postal identification code                                                |
|          | 3207 |   | C | an..3   | Country                               | ISO 3166-1 two digit alpha country code, see Annex Part II, Chapter 2.3.8 |
|          |      |   |   |         |                                       |                                                                           |
| NAD Gr 2 | CTA  |   | M | NAD     | CONTACT INFORMATION                   | Sender contact details                                                    |
|          | 3139 |   | M | an..3   | Contact function                      | 'IC' = Information contact                                                |
|          | C056 |   |   |         | DEPARTMENT OR EMPLOYEE DETAILS        |                                                                           |
|          | 3413 |   |   | an..17  | Department or employee identification | n.a.                                                                      |
|          | 3412 |   | C | an..35  | Department or employee                | Contact person, name or function                                          |
|          |      |   |   |         |                                       |                                                                           |
| CTA      | COM  |   | C | NAD/CTA | COMMUNICATION CONTACT                 | Sender communication contact details                                      |
|          | C076 |   |   |         | COMMUNICATION CONTACT                 |                                                                           |

| 1               | 2          | 3 | 4        | 5       | 6                                                      | 7                                                                                                                                                                                                                                                                                                                   |
|-----------------|------------|---|----------|---------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | 3148       |   | M        | an..512 | Communication number                                   | Communication number                                                                                                                                                                                                                                                                                                |
|                 | 3155       |   | M        | an..3   | Communication channel qualifier                        | 'TE' for telephone number<br>'FX' for fax number<br>'EM' for email address<br>'EI' for EDI mailbox number<br>(EDI number or email address for NAD 1 is mandatory if a response in the form of an APERAK message is requested for. If no response is requested, the EDI number and email address is not to be used). |
|                 |            |   |          |         |                                                        |                                                                                                                                                                                                                                                                                                                     |
| <i>TDT Gr 3</i> | <b>TDT</b> |   | <b>M</b> |         | <b>TRANSPORT INFORMATION</b>                           | Specification of the means of transport, the <i>naming vessel within a convoy</i> (a single vessel without barge is also a convoy in this context)                                                                                                                                                                  |
|                 | 8051       |   | M        | an..3   | Transport stage code qualifier                         | '20' for main carriage transport                                                                                                                                                                                                                                                                                    |
|                 | 8028       |   | M        | an..17  | Conveyance reference number                            | Voyage number, defined by sender of the message                                                                                                                                                                                                                                                                     |
|                 | C220       |   | M        |         | MODE OF TRANSPORT                                      |                                                                                                                                                                                                                                                                                                                     |
|                 | 8067       |   | M        | an..3   | Mode of transport, coded                               | '8' for inland water transport<br>'1' for maritime transport<br>see UNECE Rec. 19                                                                                                                                                                                                                                   |
|                 | 8066       |   |          | an..17  | Mode of transport                                      | n.a.                                                                                                                                                                                                                                                                                                                |
|                 | C228       |   | M        |         | TRANSPORT MEANS                                        |                                                                                                                                                                                                                                                                                                                     |
|                 | 8179       |   | M        | an..8   | Type of means of transport identification, convoy type | Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex Part II, Chapter 2.3.1                                                                                                                                                                                                       |
|                 | 8178       |   |          | an..17  | Type of means of transport                             | n.a.                                                                                                                                                                                                                                                                                                                |

| 1 | 2    | 3 | 4 | 5                 | 6                                        | 7                                                                                                                                                       |
|---|------|---|---|-------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | C040 |   |   |                   | CARRIER                                  | n.a.                                                                                                                                                    |
|   | 3127 |   |   | an..17            | Carrier identification                   | n.a.                                                                                                                                                    |
|   | 1131 |   |   | an..17            | Code list qualifier                      | n.a.                                                                                                                                                    |
|   | 3055 |   |   | an..3             | Code list responsible agency             | n.a.                                                                                                                                                    |
|   | 3128 |   |   | an..35            | Carrier name                             | n.a.                                                                                                                                                    |
|   | 8101 |   |   | an..3             | Transit direction, coded                 | n.a.                                                                                                                                                    |
|   | C401 |   |   |                   | EXCESS TRANSPORTATION INFORMATION        |                                                                                                                                                         |
|   | 8457 |   |   | an..3             | Excess transportation reason             | n.a.                                                                                                                                                    |
|   | 8459 |   |   | an..3             | Excess transportation responsibility     | n.a.                                                                                                                                                    |
|   | 7130 |   |   | an..17            | Customer authorization number            | n.a.                                                                                                                                                    |
|   | C222 |   | M |                   | TRANSPORT IDENTIFICATION                 |                                                                                                                                                         |
|   | 8213 |   | M | an..9<br>(an7..8) | ID. of means of transport identification | Vessel number: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)                                             |
|   | 1131 |   |   | an..17            | Code list qualifier                      | 'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2<br>'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3 |
|   | 3055 |   |   | an..3             | Code list responsible agency             | n.a.                                                                                                                                                    |
|   | 8212 |   | M | an..35            | ID of the means of transport             | <i>Name of the ship.</i> If the name results in more than 35 positions, the name of the vessel is shortened.                                            |

| 1          | 2          | 3 | 4        | 5          | 6                                                 | 7                                                                                                                                                                                                                                                 |
|------------|------------|---|----------|------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | 8453       |   | M        | an..3      | Nationality of means of transport                 | ISO two-alpha country code 3166-1, see Annex Part II, Chapter 2.3.8. If the nationality of the means of transport is not known, the 3 digit code of the competent authority which issued the European vessel identification number shall be used. |
|            | 8281       |   |          | an..3      | Transport ownership                               | n.a.                                                                                                                                                                                                                                              |
|            |            |   |          |            |                                                   |                                                                                                                                                                                                                                                   |
| <b>TDT</b> | <b>RFF</b> |   | <b>C</b> | <b>TDT</b> | <b>REFERENCE</b>                                  |                                                                                                                                                                                                                                                   |
|            | C506       |   | M        |            | REFERENCE                                         |                                                                                                                                                                                                                                                   |
|            | 1153       |   | M        | an..3      | Reference qualifier                               | 'VM' Vessel identification<br>'PEX' Pilotage exemption number                                                                                                                                                                                     |
|            | 1154       |   | M        | an..70     | Reference number                                  | Radio call sign if applicable or the identity of each barge/<br>vessel in a combination (ERI ID)<br>Number of exemption                                                                                                                           |
|            | 1156       |   |          | an..6      | Line number                                       | n.a.                                                                                                                                                                                                                                              |
|            | 4000       |   |          | an..35     | Reference version number                          | n.a.                                                                                                                                                                                                                                              |
|            | 1060       |   |          | an..6      | Revision number                                   | n.a.                                                                                                                                                                                                                                              |
|            |            |   |          |            |                                                   |                                                                                                                                                                                                                                                   |
| <b>TDT</b> | <b>DTM</b> |   | <b>C</b> | <b>TDT</b> | <b>DATE/TIME/PERIOD</b>                           |                                                                                                                                                                                                                                                   |
|            | C507       |   | M        |            | DATE/TIME/PERIOD                                  |                                                                                                                                                                                                                                                   |
|            | 2005       |   | M        | an..3      | Date or time or period function<br>code qualifier | Local time at the place of arrival<br>Code '132' = ETA                                                                                                                                                                                            |
|            | 2380       |   | M        | an..35     | Date or time period value                         | Date/time: CCYYMMDDHHMM                                                                                                                                                                                                                           |

| 1          | 2          | 3 | 4        | 5          | 6                                    | 7                                                                                                                                                                                                                                                          |
|------------|------------|---|----------|------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | 2379       |   | M        | an..3      | Date or time or period format code   | ‘203’                                                                                                                                                                                                                                                      |
|            |            |   |          |            |                                      |                                                                                                                                                                                                                                                            |
| <i>TDT</i> | <b>MEA</b> |   | <b>C</b> | <b>TDT</b> | <b>MEASUREMENTS</b>                  |                                                                                                                                                                                                                                                            |
|            | 6311       |   | M        | an..3      | Measurement purpose qualifier        | Measurement application qualifier:<br>‘AAE’ Measurement                                                                                                                                                                                                    |
|            | C502       |   | M        |            | MEASUREMENT DETAILS                  |                                                                                                                                                                                                                                                            |
|            | 6313       |   | M        | an..3      | Property measured                    | Measurement dimension:<br>‘AAM’ Gross tonnage of vessel, BT<br>‘AAN’ Net tonnage of vessel<br>‘ACS’ Length overall,<br>‘ADS’ Length bow to bridge<br>‘WM’ Width, maximum<br>‘DP’ Draft, maximum (depth)<br>‘HM’ Height maximum above the water (air draft) |
|            | 6321       |   |          | an..3      | Measurement significance             | n.a.                                                                                                                                                                                                                                                       |
|            | 6155       |   |          | an..17     | Measurement attribute identification | n.a.                                                                                                                                                                                                                                                       |
|            | 6154       |   |          | an..70     | Measurement attribute                | n.a.                                                                                                                                                                                                                                                       |
|            | C174       |   | M        |            | VALUE/RANGE                          |                                                                                                                                                                                                                                                            |

| 1          | 2          | 3 | 4        | 5          | 6                           | 7                                                                                                                                                                                                                     |
|------------|------------|---|----------|------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | 6411       |   | M        | an..3      | Measurement unit qualifier  | Measure unit qualifier:<br>'TNE' Metric tons<br>'CMT' Centimetre<br>'MTR' Metre                                                                                                                                       |
|            | 6314       |   | M        | n..18      | Measurement value           |                                                                                                                                                                                                                       |
|            | 6162       |   |          | n..18      | Range minimum               | n.a.                                                                                                                                                                                                                  |
|            | 6152       |   |          | n..18      | Range maximum               | n.a.                                                                                                                                                                                                                  |
|            | 6432       |   |          | n..2       | Significant digits          | n.a.                                                                                                                                                                                                                  |
|            | 7383       |   |          | an..3      | Surface/layer indicator     | n.a.                                                                                                                                                                                                                  |
|            |            |   |          |            |                             |                                                                                                                                                                                                                       |
| <b>TDT</b> | <b>FTX</b> |   | <b>C</b> | <b>TDT</b> | <b>FREE TEXT</b>            |                                                                                                                                                                                                                       |
|            | 4451       |   | M        | an..3      | Text subject code qualifier | General subject indicator<br>Text subject type<br>'ACB' Additional information<br>'AFJ' Defect description<br>'HAZ' Hazardous<br>'AAA' General goods description<br>'WAS' Waste reporting<br>'VES' vessel particulars |

| 1 | 2    | 3 | 4 | 5       | 6                            | 7                                                                                                                                                                                                               |
|---|------|---|---|---------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 4453 |   | C | an..3   | Free text function code      | If text subject is ACB, WAS, AAA or AFJ, here the dangerous goods can be indicated through:<br>'DGN' = No dangerous goods<br>'DGY' = Dangerous goods on board                                                   |
|   | C107 |   | C |         | TEXT REFERENCE               |                                                                                                                                                                                                                 |
|   | 4441 |   | C | an..17  | Free text identification     | 'WEX' = Waste report exempt for 'WAS'<br>'CGS' = Cargo is gassed for 'ACB'<br>For 'HAZ':<br>Co0 = 0 Cone<br>Co1 = 1 Cones<br>Co2 = 2 Cones<br>Co3 = 3 Cones<br>'B' = Red Flag (B) for IMO<br>'V' special permit |
|   | 1131 |   |   | an..17  | Code list qualifier          | n.a.                                                                                                                                                                                                            |
|   | 3055 |   |   | an..3   | Code list responsible agency | n.a.                                                                                                                                                                                                            |
|   | C108 |   | M |         |                              |                                                                                                                                                                                                                 |
|   | 4440 |   | C | an..512 | Free text                    | Text description of defects such as AIS, Navigation equipment radar, engine, rudder, etc.                                                                                                                       |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                                                                            |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                                                                            |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                                                                            |
|   | 4440 |   |   | an..512 | Free text                    | n.a.                                                                                                                                                                                                            |

| 1               | 2          | 3 | 4        | 5                 | 6                                         | 7                                                                                                                                                                  |
|-----------------|------------|---|----------|-------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | 3453       |   |          | an..3             | Language, coded                           | n.a.                                                                                                                                                               |
|                 | 4447       |   |          | an..3             | Text formatting, coded                    | n.a.                                                                                                                                                               |
|                 |            |   |          |                   |                                           |                                                                                                                                                                    |
| <b>TDT GR 4</b> | <b>LOC</b> |   | <b>M</b> | <b>TDT</b>        | <b>PLACE/LOCATION IDENTIFICATION</b>      | <b>Port.</b>                                                                                                                                                       |
|                 | 3227       |   | M        | an..3             | Place/location qualifier                  | Place/location qualifier:<br>'5' Place of departure<br>'94' Previous of port of call<br>'61' Next port of call<br>'89' Place of registration<br>'153' Port of call |
|                 | C517       |   | M        |                   | LOCATION IDENTIFICATION                   |                                                                                                                                                                    |
|                 | 3225       |   | M        | an..25<br>(an5)   | Place/location identification             | UNECE location code (Rec. 16) of the port, see Annex Part II, Chapter 2.3.9                                                                                        |
|                 | 1131       |   |          | an..17            | Code list qualifier                       | n.a.                                                                                                                                                               |
|                 | 3055       |   |          | an..3             | Code list responsible agency              | n.a.                                                                                                                                                               |
|                 | 3224       |   | C        | an..256           | Place/location                            | Full name of the port                                                                                                                                              |
|                 | C519       |   | C        |                   | RELATED LOCATION ONE IDENTIFICATION       |                                                                                                                                                                    |
|                 | 3223       |   | M        | an..25<br>(an..5) | Related place/location one identification | Terminal code, see Annex Part II, Chapter 2.3.11                                                                                                                   |
|                 | 1131       |   |          | an..17            | Code list qualifier                       | n.a.                                                                                                                                                               |

| 1        | 2          | 3 | 4        | 5                  | 6                                                 | 7                                                       |
|----------|------------|---|----------|--------------------|---------------------------------------------------|---------------------------------------------------------|
|          | 3055       |   |          | an..3              | Code list responsible agency                      | n.a.                                                    |
|          | 3222       |   | D[Use 1] | an..70<br>(an..17) | Related place/location one                        | Full name of the terminal                               |
|          | C553       |   | C        |                    | RELATED LOCATION TWO<br>IDENTIFICATION            |                                                         |
|          | 3233       |   | C        | an..25<br>(an..5)  | Related place/location two<br>identification      | Fairway section code, see Annex Part II, Chapter 2.3.10 |
|          | 1131       |   |          | an..17             | Code list qualifier                               |                                                         |
|          | 3055       |   |          | an..3              | Code list responsible agency                      | n.a.                                                    |
|          | 3232       |   | C        | an..70<br>(an..5)  | Related place/location two                        | Fairway section hectometre                              |
|          | 5479       |   |          | an..3              | Relation                                          | n.a.                                                    |
|          |            |   |          |                    |                                                   |                                                         |
|          | <b>DTM</b> |   | <b>C</b> | <b>TDI/LOC</b>     | <b>DATE/TIME/PERIOD</b>                           | Required if place of registration is given              |
|          | C507       |   | M        |                    | DATE/TIME/PERIOD                                  |                                                         |
|          | 2005       |   | M        | an..3              | Date or time or period function<br>code qualifier | '259' Registration date                                 |
|          | 2380       |   | M        | an..35             | Date or time period value                         | Date: CCYYMMDD                                          |
|          | 2379       |   | M        | an..3              | Date or time or period format<br>code             | '102' date format                                       |
|          |            |   |          |                    |                                                   |                                                         |
| TSR Gr 7 | <b>TSR</b> |   | <b>M</b> |                    | <b>Transport service requirements</b>             |                                                         |
|          | C536       |   |          |                    | Contract and carriage condition                   | n.a.                                                    |

| 1 | 2    | 3 | 4 | 5      | 6                                    | 7                                                                                                                                                                                                                                                                   |
|---|------|---|---|--------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 4065 |   |   | an..3  | Contract and carriage condition code | n.a.                                                                                                                                                                                                                                                                |
|   | 1131 |   |   | an..17 | Code list identification code        | n.a.                                                                                                                                                                                                                                                                |
|   | 3055 |   |   | an..3  | Code list responsible agency code    | n.a.                                                                                                                                                                                                                                                                |
|   | C233 |   | M |        | Service                              |                                                                                                                                                                                                                                                                     |
|   | 7273 |   | M | an..3  | Service requirement code             | Service requirement:<br>'BER' Request for mooring service at a berth<br>'PIL' Request for pilot service<br>'VTS' Request for Vessel Traffic Services<br>'TUG' Request for tugboat service<br>'MAR' Planned handling of MARPOL substances<br>'SEC' Security services |
|   | 1131 |   |   | an..17 | Code list identification code        | n.a.                                                                                                                                                                                                                                                                |
|   | 3055 |   |   | an..3  | Code list responsible agency code    | n.a.                                                                                                                                                                                                                                                                |
|   | 7273 |   |   | an..3  | Service requirement code             | n.a.                                                                                                                                                                                                                                                                |
|   | 1131 |   |   | an..17 | Code list identification code        | n.a.                                                                                                                                                                                                                                                                |
|   | 3055 |   |   | an..3  | Code list responsible agency code    | n.a.                                                                                                                                                                                                                                                                |
|   | C537 |   |   |        | Transport priority                   |                                                                                                                                                                                                                                                                     |
|   | 4219 |   |   | an..3  | Transport service priority code      | n.a.                                                                                                                                                                                                                                                                |
|   | 1131 |   |   | an..17 | Code list identification code        | n.a.                                                                                                                                                                                                                                                                |
|   | 3055 |   |   | an..3  | Code list responsible agency code    | n.a.                                                                                                                                                                                                                                                                |
|   | C703 |   |   |        | Nature of cargo                      |                                                                                                                                                                                                                                                                     |

| 1        | 2    | 3 | 4 | 5       | 6                                 | 7                                                                                                                                                                  |
|----------|------|---|---|---------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 7085 |   |   | an..3   | Cargo type classification code    | n.a.                                                                                                                                                               |
|          | 1131 |   |   | an..17  | Code list identification code     | n.a.                                                                                                                                                               |
|          | 3055 |   |   | an..3   | Code list responsible agency code | n.a.                                                                                                                                                               |
|          |      |   |   |         |                                   |                                                                                                                                                                    |
| TSR      | QTY  |   | C | TSR/QTY | QUANTITY                          | To indicate the number of crew, passengers and others such as pets or other animals                                                                                |
|          | C186 |   | M |         | Quantity details                  |                                                                                                                                                                    |
|          | 6063 |   | M | an..3   | Quantity type code qualifier      | '115' = Total number of crew on board including the master<br>'114' = Total number of people on board<br>'14' = Total number of animals on board                   |
|          | 6060 |   | M | an...35 | Quantity                          | Number e.g. 4                                                                                                                                                      |
|          | 6411 |   | C | an..8   | Measure unit code                 | n.a.                                                                                                                                                               |
|          |      |   |   |         |                                   |                                                                                                                                                                    |
| TSR Gr 8 | LOC  |   | M | TSR     | PLACE/LOCATION IDENTIFICATION     | Port                                                                                                                                                               |
|          | 3227 |   | M | an..3   | Place/location qualifier          | Place/location qualifier:<br>'5' Place of departure<br>'94' Previous of port of call<br>'61' Next port of call<br>'89' Place of registration<br>'153' Port of call |
|          | C517 |   | M |         | LOCATION IDENTIFICATION           |                                                                                                                                                                    |

| 1 | 2    | 3 | 4        | 5                   | 6                                         | 7                                                                           |
|---|------|---|----------|---------------------|-------------------------------------------|-----------------------------------------------------------------------------|
|   | 3225 |   | M        | an..25<br>(an5)     | Place/location identification             | UNECE location code (Rec. 16) of the port, see Annex Part II, Chapter 2.3.9 |
|   | 1131 |   |          | an..17              | Code list qualifier                       | n.a.                                                                        |
|   | 3055 |   |          | an..3               | Code list responsible agency              | n.a.                                                                        |
|   | 3224 |   | C        | an..256<br>(an..17) | Place/location                            | Full name of the port location                                              |
|   | C519 |   | C        |                     | RELATED LOCATION ONE IDENTIFICATION       |                                                                             |
|   | 3223 |   | M        | an..25<br>(an..5)   | Related place/location one identification | Terminal code, see Annex Part II, Chapter 2.3.11                            |
|   | 1131 |   |          | an..17              | Code list qualifier                       | n.a.                                                                        |
|   | 3055 |   |          | an..3               | Code list responsible agency              | n.a.                                                                        |
|   | 3222 |   | D[Use 1] | an..70<br>(an..35)  | Related place/location one                | Full name of the terminal                                                   |
|   | C553 |   | C        |                     | RELATED LOCATION TWO IDENTIFICATION       |                                                                             |
|   | 3233 |   | M        | an..25<br>(an..5)   | Related place/location two identification | Fairway section code, see Annex Part II, Chapter 2.3.10                     |
|   | 1131 |   |          | an..17              | Code list qualifier                       |                                                                             |
|   | 3055 |   |          | an..3               | Code list responsible agency              | n.a.                                                                        |
|   | 3232 |   | C        | an..70<br>(an..5)   | Related place/location two                | Fairway section hectometre                                                  |

| 1    | 2          | 3 | 4        | 5              | 6                                              | 7                                                               |
|------|------------|---|----------|----------------|------------------------------------------------|-----------------------------------------------------------------|
|      | 5479       |   |          | an..3          | Relation                                       | n.a.                                                            |
|      |            |   |          |                |                                                |                                                                 |
| Gr 8 | <b>DTM</b> |   | <b>C</b> | <b>TSR/LOC</b> | <b>DATE/TIME/PERIOD</b>                        | Date and time of the start of the transport service requirement |
|      | C507       |   | M        |                | DATE/TIME/PERIOD                               |                                                                 |
|      | 2005       |   | M        | an..3          | Date or time or period function code qualifier | '132' Arrival date/time, estimated                              |
|      | 2380       |   | M        | an..35         | Date or time period value                      | Time: CCYYMMDDHHMM                                              |
|      | 2379       |   | M        | an..3          | Date or time or period format code             | '203'                                                           |
|      |            |   |          |                |                                                |                                                                 |
| Gr 8 | <b>QTY</b> |   | <b>C</b> | <b>TSR/LOC</b> | <b>QUANTITY</b>                                |                                                                 |
|      | C186       |   | M        |                | Quantity details                               | Quantity details                                                |
|      | 6063       |   | M        | an..3          | Quantity type code qualifier:                  | Quantity type code qualifier:<br>'1' Discrete quantity          |
|      | 6060       |   | M        | an..35         | Quantity                                       | Number of tugboats required<br>Number of linesman               |
|      | 6411       |   |          | an..3          | Measurement unit code                          | n.a.                                                            |
|      |            |   |          |                |                                                |                                                                 |
| Gr 8 | <b>POC</b> |   | <b>M</b> | <b>TSR</b>     | <b>PURPOSE OF CALL</b>                         |                                                                 |
|      | C525       |   | M        |                | Purpose of conveyance call                     | Purpose of conveyance call                                      |

| 1 | 2    | 3 | 4 | 5      | 6                                        | 7                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---|------|---|---|--------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | 8025 |   | M | an..3  | Conveyance call purpose description code | '1' Cargo operation<br>'2' Passenger movement<br>'3' Taking bunkers<br>'4' Changing crew<br>'5' Goodwill visit<br>'6' Taking supplies<br>'7' Repair<br>'8' Laid-up<br>'9' Awaiting orders<br>'10' Miscellaneous<br>'11' Crew movement<br>'12' Cruise, leisure and recreation<br>'13' This is a visit to a port which has been ordered by government<br>'14' Quarantine inspection<br>'15' Refuge<br>'16' Tank cleaning<br>'17' Waste disposal |
|   | 1131 |   |   | an..17 | Code list identification code            | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|   | 3055 |   |   | an..3  | Code list responsible agency code        | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|   | 8024 |   |   | an..35 | Conveyance call purpose description      | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|   |      |   |   |        |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| 1    | 2          | 3 | 4        | 5              | 6                            | 7                                                                                                   |
|------|------------|---|----------|----------------|------------------------------|-----------------------------------------------------------------------------------------------------|
| Gr 8 | <b>FTX</b> |   | <b>C</b> | <b>TSR/LOC</b> | <b>FREE TEXT</b>             | <i>Only to be used for security information</i>                                                     |
|      | 4451       |   | M        | an..3          | Text subject code qualifier  | The security information may be given in 4441<br>'SEC' Current security information                 |
|      | 4453       |   |          | an..3          | Free text function code      | n.a.                                                                                                |
|      | C107       |   | M        |                | TEXT REFERENCE               |                                                                                                     |
|      | 4441       |   | M        | an..17         | Free text identification     | Level of security<br>S1 Security level 1<br>S2 Security level 2<br>S3 Security level 3              |
|      | 1131       |   |          | an..17         | Code list qualifier          | n.a.                                                                                                |
|      | 3055       |   |          | an..3          | Code list responsible agency | n.a.                                                                                                |
|      | C108       |   | M        |                |                              |                                                                                                     |
|      | 4440       |   | M        | an..512        | Free text                    | Further remarks<br>'PER' followed by the number of persons on board.                                |
|      | 4440       |   | C        | an..512        | Free text                    | ISSC information<br>'SCN' Security certificate not available<br>'SCY' Security certificate on board |
|      | 4440       |   | C        | an..512        | Free text                    | Here the brand of the car and licence plate number can be given<br>'CAR' licence number             |
|      | 4440       |   | C        | an..512        | Free text                    | Free text:<br>Name of the service provider requested for in the TSR segment                         |

| 1        | 2    | 3 | 4 | 5       | 6                                             | 7                                                                                                                                                                                                                                                                                                             |
|----------|------|---|---|---------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 4440 |   |   | an..512 | Free text                                     | n.a.                                                                                                                                                                                                                                                                                                          |
|          | 3453 |   |   | an..3   | Language, coded                               | n.a.                                                                                                                                                                                                                                                                                                          |
|          | 4447 |   |   | an..3   | Text formatting, coded                        | n.a.                                                                                                                                                                                                                                                                                                          |
|          |      |   |   |         |                                               |                                                                                                                                                                                                                                                                                                               |
| LOC Gr 9 | HAN  |   | C | TSR/LOC | HANDLING INSTRUCTIONS                         |                                                                                                                                                                                                                                                                                                               |
|          | C524 |   | M |         | HANDLING INSTRUCTIONS                         | Handling instructions                                                                                                                                                                                                                                                                                         |
|          | 4079 |   | M | an..3   | Handling instructions, coded                  | Handling instructions coded:<br>'LLO' 'LOA' = Loading<br>'LDI' 'DIS' = Discharge<br>'RES' 'RES' = Re-stow<br>'T' 'TRA' = Transit<br>'TSP' 'CTC' = Cargo tank cleaning<br>'BUN' 'BUN' = Bunkering only<br>'DRY' 'RED' = Repairs in dry-dock<br>'WET' 'REW' = Repairs in wet-dock<br>'NCO' = No cargo operation |
|          | 1131 |   |   | an..17  | Code list qualifier                           | n.a.                                                                                                                                                                                                                                                                                                          |
|          | 3055 |   |   | an..3   | Code list responsible agency, coded           | n.a.                                                                                                                                                                                                                                                                                                          |
|          | 4078 |   | C | an..70  | Handling instructions                         | Bolder numbers, preferred side for berthing, pilot embarkation point, MFO, MDF, fresh water, etc.                                                                                                                                                                                                             |
|          | C218 |   |   |         | HAZARDOUS MATERIAL                            |                                                                                                                                                                                                                                                                                                               |
|          | 7419 |   |   | an..7   | Hazardous material class code, identification | n.a.                                                                                                                                                                                                                                                                                                          |
|          | 1131 |   |   | an..17  | Code list qualifier                           | n.a.                                                                                                                                                                                                                                                                                                          |

| 1         | 2          | 3 | 4        | 5                       | 6                                   | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------|------------|---|----------|-------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | 3055       |   |          | an..3                   | Code list responsible agency, coded | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|           | 7418       |   |          | an..35                  | Hazardous material class            | n.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|           |            |   |          |                         |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| HAN Gr 10 | <b>GDS</b> |   | <b>M</b> | <b>TSR/LOC/<br/>HAN</b> | <b>NATURE OF CARGO</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|           | C703       |   | M        |                         | Nature of cargo                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|           | 7085       |   | M        | an..3                   | Cargo type classification code      | Nature of cargo coded<br>'5' Other non-containerised<br>'6' Vehicles<br>'7' Roll-on roll-off<br>'8' Palletised<br>'9' Containerised<br>'10' Break bulk<br>'11' Hazardous cargo<br>'12' General cargo<br>'13' Liquid cargo<br>'14' Temperature controlled cargo<br>'15' Environmental pollutant cargo<br>'16' Not-hazardous cargo<br>'17' Diplomatic<br>'18' Military<br>'19' Obnoxious<br>'21' Household goods<br>'22' Frozen cargo<br>'30' Cargo in bulk (sand, gravel, ore, etc.) |

| 1 | 2          | 3 | 4        | 5                           | 6                                       | 7                                                       |
|---|------------|---|----------|-----------------------------|-----------------------------------------|---------------------------------------------------------|
|   | 1131       |   |          | an..17                      | Code list identification code.          | n.a.                                                    |
|   | 3055       |   |          | an..3                       | n.a.                                    | n.a.                                                    |
|   |            |   |          |                             |                                         |                                                         |
|   | <b>MEA</b> |   | <b>C</b> | <b>TSR/LOC/<br/>HAN/GDS</b> | <b>MEASUREMENTS</b>                     |                                                         |
|   | 6311       |   | M        | an..3                       | Measurement purpose qualifier           | Measurement application qualifier:<br>'AAE' Measurement |
|   | C502       |   | M        |                             | MEASUREMENT DETAILS                     | Measurement details                                     |
|   | 6313       |   | M        | an..3                       | Property measured                       | Measurement dimension:<br>'G' Gross weight              |
|   | 6321       |   |          | an..3                       | Measurement significance                | n.a.                                                    |
|   | 6155       |   |          | an..17                      | Measurement attribute<br>identification | n.a.                                                    |
|   | 6154       |   |          | an..70                      | Measurement attribute                   | n.a.                                                    |
|   | C174       |   | M        |                             | VALUE/RANGE                             |                                                         |

| 1 | 2          | 3 | 4        | 5      | 6                               | 7                                                              |
|---|------------|---|----------|--------|---------------------------------|----------------------------------------------------------------|
|   | 6411       |   | M        | an..3  | Measurement unit qualifier      | Measure unit qualifier:<br>'KGM' Kilogram<br>'TNE' Metric tons |
|   | 6314       |   | M        | n..18  | Measurement value               | Weight                                                         |
|   | 6162       |   |          | n..18  | Range minimum                   | n.a.                                                           |
|   | 6152       |   |          | n..18  | Range maximum                   | n.a.                                                           |
|   | 6432       |   |          | n..2   | Significant digits              | n.a.                                                           |
|   | 7383       |   |          | an..3  | Surface/layer indicator         |                                                                |
|   |            |   |          |        |                                 |                                                                |
|   | <b>UNT</b> |   | <b>M</b> |        | <b>MESSAGE TRAILER</b>          | End and control of completeness of the message                 |
|   | 0074       |   | M        | n..10  | Number of segments in a message |                                                                |
|   | 0062       |   | M        | an..14 | Message reference number        | First 14 positions of the message reference number             |
|   |            |   |          |        |                                 |                                                                |
|   | <b>UNZ</b> |   | M        |        | <b>INTERCHANGE TRAILER</b>      | End and control of the interchange                             |
|   | 0036       |   | M        | n..6   | Interchange control count       | '1' for number of messages contained in the interchange        |
|   | 0020       |   | M        | an..14 | Interchange control reference   | First 14 positions of the message reference number             |

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**Business Rules**

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|          |                                                                  |
|----------|------------------------------------------------------------------|
| D[USE 1] | If the code is XXXXX, then this data-element shall be completed. |
|----------|------------------------------------------------------------------|