Central Commission for the Navigation on the Rhine

Annex to Protocol 2003-I-23

Standard for Electronic Ship Reporting in Inland Navigation

28 Mai 2003

Contents

Abbreviations

ADN	*Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (ADN)*; European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (EU Council Directive 94/95/EC)
ADNR	Réglement pour le transport de matières dangereuses sur le Rhin
AIS	Automatic Identification System
ATIS	Automatic Transmitter Identification System
BICS	Binnenvaart Informatie en Communicatie Systeem (Electronic Reporting System)
CN	Combined Nomenclature (on Goods)
CUSCAR	Customs Cargo Report (Message)
CUSDEC	Customs Declaration (Message)
ECDIS	Electronic Chart Display and Information System
EDI	Electronic Data Interchange
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport
ERI	Electronic Reporting International
ERINOT	ERI Notification (Message)
ERIRSP	ERI Response (Message)
ERN	Electronic Reporting Number
HS	Harmonized System Code
IFTDGN	International Forwarding and Transport Dangerous Goods Notification (Message)
IFTMIN	Instruction (Message)
IMDG	IMO Dangerous Goods (Number)
IMO	International Maritime Organization
IMO-FAL	Convention on the Facilitation of International Maritime Traffic, 1965, with amendments
INDRIS	Inland Navigation Demonstrator for River Information Services
ISO	International Standardisation Organisation
NST/R	Standard Goods Classification for Transport Statistics / Revised
OFS	Official Ship Number
PAXLST	Passenger List (Message)
PIANC	International Navigation Association
PROTECT	International Organisation of North Europeans Ports Dealing with Dangerous Goods
PSTN	Public Switched Telephony Network; thus the normal telephone network, either mobile or fixed.
RIS	River Information Services
UN/CEFACT	UN Centre for Trade Facilitation and Electronic Business
UN/ECE	United Nations Economic Commission for Europe
UN/LOCODE	United Nations Location Code
UNDG	United Nations Dangerous Goods (Number)
UNTDID	United Nations Trade Data Interchange Directory
VHF	Very High Frequency
VTS	Vessel Traffic Services
XML	Extended Markup Language

Standard for Electronic Ship Reporting in Inland Navigation

1   Purpose and scope

(1)   It is the purpose of this standard to facilitate electronic data interchange (EDI) between partners in inland navigation as well as partners in multi-modal transport with involvement of inland navigation.

(2)   This standard intends to avoid reporting the data related to a voyage more than once to different authorities and/or commercial parties.

(3)   This standard provides rules for the interchange of electronic messages between partners in the field of inland navigation. Public authorities and other parties concerned (ship owners, skippers, shippers, ports) shall exchange data in conformity with this standard.

(4)   This standard describes the messages, data items and codes to be used in electronic ship reporting for the different services and functions of River Information Services.

(5)   This standard is based on internationally accepted trade and transport standards and classifications and complements these for inland navigation. The standard reflects the experiences that have been gained in the European Research and Development Project INDRIS and in the applications of reporting systems in different countries - especially the Dutch application BICS. New developments that have been undertaken in the Working Group "Electronic Reporting International (ERI)" are included.

(6)   This standard contains the basic and most important regulations for electronic ship reporting. Some regulations for special conditions have to be complemented after further experiences have been gained. The concerned fields are mentioned in footnotes to the respective paragraphs of this standard.

(7)   In order to achieve compatibility with maritime navigation, two documents of the European Commission have been considered:

?   Directive 2002/6/EC of the European Parliament and of the Council of 18 February 2002 on reporting formalities for ships arriving in and/or departing from ports of the Member States of the Community,

?   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.

(8)   In this standard the relation between private parties (shippers, skippers, terminal operators, fleet managers) and public parties (waterway authorities, public ports) is addressed. The relations between private parties without interference to public partners (e.g. between skippers and terminal operators) are not addressed.

2   Definitions

See:

?   UN/EDIFACT Glossary, edited by UN/ECE (www.unece.org/trade/untdid/texts/d300_d.htm),

?   „Transport & Logistics Glossary" by P&O Nedlloyd, November 2000.

The following generally customary terms are used in this standard:

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

Bulk Cargo means unpacked homogenous cargo poured loose in a certain space of a vessel or container e.g. oil or grain.

Code means a character string used as an abbreviated means of recording or identifying information.

Competent authority means the authorities and organisations authorised by the governments to receive and pass on information reported pursuant to this standard.

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 carrier in relation to the contract of carriage (Synonyms: Shipper, Sender).

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

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 E-mail address, an agreed identifier or a number of the European Article Numbering Association (EANA 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.

Electronic reporting international (ERI) means the endeavour to harmonise inland ship reporting in Europe, recommended by the ERI Group.

Forwarder means the party arranging the carriage of goods including connecting services and/or associated formalities on behalf of shipper and consignee.

Procedure means the steps to be followed in order to comply with a formality, including the timing, format and transmission method for the submission of required information.

Shipmaster means the person on board of the ship being responsible for the operation of the ship and having the authority to take all decisions pertaining to navigation and ship management. (synonyms: captain, skipper).

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 UN/ECE in the UN Trade Data Interchange Directory (UNTDID) and are maintained under agreed procedures.

Vessel (synonym: ship): In inland navigation, this term includes also small crafts, ferry boats and floating equipment.

Asynchronous Message means a message that can be delivered by the sender without explicitly having to wait for the processing of the message by the receiver. The receiver decides when to process the message.

3   Normative References

? PIANC Guidelines and Recommendations for River Information Services, 2002 (RIS Guidelines 2002)

? United Nations Trade Data Interchange Directory (UNTDID) for EDIFACT:

   ? Part 1: Introduction

   ? Part 2 : Uniform rules of conduct for interchange of trade data by teletransmission (UNCID)

   ? Part 3: Terms and definitions

      ? UN/EDIFACT Glossary

   ? Part 4: UN Rules for EDIFACT

     ? Chapter 1:Introduction

     ? Chapter 2: General information

       ? 2.1. Establishment of UN Standard Message Types (UNSM)

       ? 2.2 UN/EDIFACT application level syntax rules (ISO 9735-1)

       ? 2.3 UN/EDIFACT syntax implementation guidelines

       ? 2.4 UN/EDIFACT message design guidelines

       ? 2.5 UN/EDIFACT directory version/release procedures

       ? 2.6 General description to UNSM descriptions

   ? Part 5: UNSM Specifications

     ? Chapter 1: Introduction

     ? Chapter 2: Message type directory EDMD (Edition 98.B, which is stable and recommended by the IMO)

     ? Chapter 3: Segment directory EDSD

- ? Chapter 4: Composite data element directory EDCD

- ? Chapter 5: Data element directory EDED

- ? Chapter 6: Consolidated code list UNCL

? UN/ ECE: Trade Data Elements Directory UNTDED

- ? Volume I: Standard data elements (ISO 7372)

- ? Volume II: User code list

- ? Volume III: Compendium of trade facilitation recommendations with i.a.:

  - ? Rec. 3: ISO country code for representation o names of countries

  - ? Rec. 10: Codes for ship names

  - ? Rec. 16: UN/LOCODE – Code for ports and other locations

  - ? Rec. 19: Codes for modes of transport

  - ? Rec. 20: Codes for units of measurements used in international trade

  - ? Rec. 25: Use of UN/EDIFACT

  - ? Rec. 26, Annex: Model interchange agreement for the international commercial use of electronic data interchange

  - ? Rec. 28: Codes for types of means of transport

? PROTECT Dangerous Goods Message Scenario, Version 1.0, January 1999

? IMO Compendium on Facilitation and Electronic Business "Electronic Data Interchange (EDI) for the Clearance of Ships", 2001 edition, FAL.5/Circ. 15

? IMO Convention on the Facilitation of International Maritime Traffic (FAL), 1965 with amendments

Normative references on classifications (codes) are given in Annex 4

4 Messaging Procedures

4.1 Ship-to-authority messaging

(1) Ship-to-authority messaging consists mainly of:

1 Transport notification messages on the voyages of loaded or empty ships within the jurisdictional area of the authority where such is applicable.

2 Arrival notification and position reports at locks, bridges, reporting points of traffic centres.

(2) Ship-to-authority messaging is not confined to messages sent from a ship directly to the authority. All messages concerning the ship, sent by or on behalf of the ship, count as ship-to-authority messaging even if sent by shippers ashore.

(3) If a permit for entering a jurisdictional area is needed, the notification shall be sent already at the start of the voyage to the authority and when entering the area.

4.1.1 Transport notification

(1)   The transport notification message is used to inform the authorities of the intention to make a specified voyage with a specified ship either carrying a specified cargo or being empty.

(2)   The transport notification can either originate from the skipper of the ship or from the shipper of the cargo on behalf of the skipper.

(3)   Transport notifications shall be sent before the start of a voyage, before entering the jurisdictional area of an authority and after every significant change of the voyage data, e.g. number of crew on board or number of barges in the convoy. If a ship requires a permit for (a part of) the voyage, the competent waterway authority shall return an acknowledgement after processing the notification. This can indicate a permission or a refusal.

(4)   Transport notification message exchanges shall be sent asynchronous but within short time.

(5)   Every authority shall accept messages delivered as E-mail (electronic mail) in accordance to the message specification, either directly in the text or preferably as attachment to the E-mail. The mailbox itself shall be reachable directly by public telephone (PSTN) and indirectly through the Internet.

(6)   Any authority can decide to accept additional other means of delivery. In case where notifications are given in the traditional way (e. g. on paper, by fax, by VHF), but further processed in an electronic way, the information has to be given in a way that it can be entered into an electronic system by the operators of the traffic centre, the lock or the bridge.

4.1.2 Arrival notification and position report

(1)   The arrival notification shall be used to inform local waterway operators -- such as lock masters, bridge operators, traffic centre operators, ports and docking crew -- of the impending arrival of a ship. Arrival notifications shall be sent before arrival at a lock, bridge or port.

(2)   Position reports shall be sent at certain reporting points at the waterway.

(3)   Arrival notifications and position reports can be obtained by several means, either active or passive [1]:

1   Visual / manual

      The traditional way of notifying the arrival of a ship is visual. The exact time of arrival at the specific point is noted and in some cases manually entered into a computer system.

2   By VHF radio

      The ship may inform the lock or bridge of its presence by VHF. In this case the ATIS code can be used to identify the calling ship and to insert the passage of the ship into the waiting queue of the lock´s computer system. In this case, visual or radar control by the lock master is still necessary to avoid vessels entering themselves into the waiting queue prematurely.

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[1] These and other arrival and position reports are not specified in this standard.

3   By transponders (Automatic Identification System, AIS)

As transponders become more frequently used, they will probably be the ideal way announcing the arrival of a ship. In addition they can send extra information, such the presence of hazardous cargo on board [2].

4.2   Authority-to-authority messaging

(1)   Authority-to-authority messaging consists mainly of transport notifications for ships, either carrying cargo or being empty, travelling from one jurisdictional area to the other.

(2)   A message shall be sent to the neighbouring authority if the ship passes a mutually agreed point on the fairway.

(3)   All messages shall be sent asynchronous but within short time. The sending authority is allowed to ask for acknowledgement from the receiving authority.

(4)   Every authority shall accept messages delivered as electronic mail in accordance to the message specification, either directly in the text or preferably as attachment to the E-mail. The mailbox itself shall be reachable either directly by public telephone (PSTN) and / or indirectly through the Internet. Authorities can decide to accept additional other means of delivery, for example a direct connection between the systems. These requirements are applicable also for port authorities which take part in such a service.

(5)   If it is intended to forward a ship-to-authority-message from a waterway authority to a public port or a terminal, the skipper or shipper has to give the allowance explicitly in the original transport notification message.

4.3   Authority-to-ship messaging

(1)   Authority-to-ship messaging consists mainly of acknowledgements and responses to previously submitted notification messages on travelling within the jurisdictional area of the authority.

(2)   Authority-to-ship messaging could also encompass the sending of fairway information, such as notices-to-skippers and hydro-meteo information. This type of information is not dealt with in this standard.[3]

(3)   All messages shall be asynchronous but within short time.

(4)   Every sender of a notification message (skipper or shipper) participating in electronic reporting shall have access to a personalised mailbox to allow the reception of messages sent by an authority as electronic mail in accordance to the message specification, either as plain text or preferably as attachment to the electronic mail. To ensure the ease of use, such a mailbox shall be accessible by all parties in a permanent and consistent fashion taking into account costs, maintainability and convenience.

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[2] To be defined in the Standard for Tracking and Tracing in Inland Navigation
[3] The inclusion of notices-to-skippers into electronic ship reporting is dealt with in the standardisation of notices-to-skippers with direct relation to Inland ECDIS

(5)   Authorities shall not send messages which do not comply with published standards. Authorities may only implement and send non-standard messages for specific purposes unique to the particular combinations of applications.

5   RIS services and functions to be supported

(1)   The following services are identified to be supported by electronic ship reporting [4]:

     1   Traffic management (strategic traffic information, lock and bridge management)

     2   Calamity abatement

     3   Transport management (port and terminal management, fleet and cargo management)

     4   Statistics

     5   Waterway infrastructure charges

     6   Border control

     7   Customs services.

The data items to be used in the different services are depicted in **Annex 1** with some additional definitions.

6   EDIFACT messages

(1)   In electronic ship reporting, information is exchanged using messages.

(2)   The message standard currently in use is UN/EDIFACT that has the syntax rules for the message structure (ISO 3795-1). A recently developed competitive syntax is XML which is flexible and independent of the data format. Both, EDIFACT and XML use the same data structures and code tables. XML messages are much larger than EDIFACT messages. Since UN are still in the middle of XML message design, only EDIFACT is considered in this standard.

(3)   The ERI format for the dangerous goods notification is the UN/EDIFACT "International Forwarding and Transport Dangerous Goods Notification (IFTDGN) message". The port authorities of Antwerp, Bremen, Felixstowe, Hamburg, Le Havre and Rotterdam have derived the PROTECT message from the IFTDGN message. Out of PROTECT, the ERI notification message has been derived for inland navigation. This procedure ensures that conformity between maritime and inland navigation is granted for dangerous and polluting goods.

(4)   Using some liberties of the IFTDGN message, the ERI notification message has been extended to allow non-dangerous goods to be notified. This feature allows to put all data of the transport or voyage notification (ship and cargo data of a voyage) in one single message.

(5)   In this standard the following notation for acronyms has been used:

     UPPER CASE: Original EDIFACT message

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[4] see RIS Guidelines 2002, ch. 4.5

UPPER BOLD CASE: ERI message derived from EDIFACT message

(6)   The structure of the ERI message is given in the branching diagram of **Annex 2**.

(7)   The following messages shall be used in electronic ship reporting on inland waterways:

?   **ERINOT**, means "ERI Notification Message", derived from the IFTDGN 98B message and the PROTECT 1.0 message

with the following **types**:

- Transport notification from vessel to authority (identifier "VES"), from ship to shore

- Transport notification from carrier to authority ("CAR"), from shore to shore

- Passage notification ("PAS"), from authority to authority

and the following **functions** to show what can be expected:

- New message (identifier "9")

- Modification of message ("5")

- Cancellation of message ("1").

?   **ERIRSP**, means "ERI Response Message", derived from the APERAK message.

?   PAXLST, means the "Passenger List Message" , using the IMO-FAL Form 6, including passengers, crew and service personnel.

?   CUSCAR, means the "Customs Cargo Report Message", using the IMO-FAL Form 2 , as accepted by the G7 Group and the World Customs Organisation.

?   CUSDEC, means the "Customs Declaration Message".

?   IFTMIN, means the "Instruction message" from barge operator to skipper with the functions.

- container transport

- tank transport [5]

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[5] To be developed within the work of the BICS container ship and the BICS tank ship expert groups

(8)   The following table defines the usage of the messages:

RIS Service and Function	Messages (and their types) in the procedures		
	Ship-to-authority	Authority-to-ship	Authority-to-authority
Traffic management	**ERINOT (VES)** **ERINOT (CAR)**	**ERIRSP** Notices to skippers	**ERINOT (PAS)**
Calamity abatement	**ERINOT (VES)** **ERINOT (CAR)** PAXLST	**ERIRSP** Notices to skippers	**ERINOT (PAS)** PAXLST
Transport management	**ERINOT (VES)** **ERINOT (CAR)** CUSCAR, CUSDEC	**ERIRSP** Notices to skippers	**ERINOT (PAS)** CUSCAR, CUSDEC
Statistics	**ERINOT (VES** **ERINOT (CAR)** PAXLST CUSCAR, CUSDEC		
Waterway charges	**ERINOT (VES)** **ERINOT (CAR)**	**ERIRSP**	
Border control	PAXLST	**ERIRSP**	PAXLST
Customs services	CUSCAR, CUSDEC	**ERIRSP**	CUSCAR, CUSDEC

(9)   The reporting procedure shall always start with the **ERINOT** message and send additional data by the PAXLST, CUSCAR and CUSDEC [6] messages, using a reference to the **ERINOT** message

(10)   The EDIFACT messages shall be applied without any change. Their definitions can be found in the UN/ECE UNTDID.

(11)   The specifications for the **ERINOT** and **ERIRSP** messages are given in **Annex 3**.

7   Classifications and code lists

(1)   In order to minimise translating work to be done by the receivers of messages, classifications and code lists shall be used to the highest possible extent.

(2)   Existing codes shall be used in order to avoid special work to be done for the assembling and maintenance of new code lists.

(3)   The following classifications shall be used in inland ship reporting:

    1   Vessel and convoy type

    2   Official ship number (OFS)

    3   IMO ship identification number (IMO)

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[6] The implementation manual for the specific use of these 3 messages in inland navigation has still to be developed

4   ERI ship identification number

5   Harmonized commodity description and coding system 2002-(HS, goods)

6   Combined nomenclature (CN, goods)

7   Standard goods classification for transport statistics /Revised (NST/R) (goods) [7]

8   UN dangerous goods number (UNDG)

9   International maritime dangerous goods code (IMDG)

10   ADNR

11   UN code for country and nationality

12   UN code for trade and transport locations

13   Fairway section code

14   Terminal code

15   Freight container size and type code

16   Container Identification code

17   Package type code

(4)   Details and remarks on application of these codes in inland navigation are given in **Annex 4**.

(5)   The codes for types of means of transport in inland navigation are given by Recommendation No. 28 of the UN/ECE (**Annex 4.1**). The usage of the convoy and vessel type codes in the ERINOT message is given in **Annex 4.2** together with the names in 4 languages. Examples for the combination of the elements of the above named codes 11 to 14 are given in **Annex 4.3**

8   Confidentiality and security of information

(1)   The competent authorities shall take the necessary measures to ensure the confidentiality, integrity and security of information sent to them pursuant this standard. They must use such information only for the purposes of the intended services, for example calamity abatement, border control, customs.

(2)   An interchange agreement on the protection of privacy between all involved public and private parties shall be concluded for new applications, based on UN/ECE Recommendation 26 that contains an example "Model Interchange Agreement" in general terms.

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[7] Since the 4-digit NSTR/codes of the different countries are not compatible, it is strongly recommended to use the common HS code of the World Customs Organization for cargo description.

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Annex 1
Data items to be reported
in the different services and functions of RIS

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Definitions of the services: see RIS-Guidelines, Ch. 4.5

Column legend (Service / Function — Country: A B D F N):
3 = Traffic Management; 4 = Calamity abatement support; 5 = Transport Management; 6 = (without contents); 7 = Waterway infrastructure charges; 8 = Border control; 9 = Customs services; 10 = Remarks

Item	3A	3B	3D	3F	3N	4A	4B	4D	4F	4N	5A	5B	5D	5F	5N	6A	6B	6D	6F	6N	7A	7B	7D	7F	7N	8A	8B	8D	8F	8N	9A	9B	9D	9F	9N	Remarks
(1/2)																																				**10**
Message data																																				
Message identification		x	x	x				x	x								x					x		x												Number of the document
Modification message identification		x	x	x				x	x								x					x		x												
Kind of document (B)																	x					x														New voyage, change of voyage or discharge
Office number (B)																	x					x														
Date / time of document (B)																	x					x														Date and hour of the creation of the document
Voyage number (B)																	x					x														
Voyage data																																				
Number of persons on board								x	x		x															x										Crew and passengers (NL)
Number of blue cones		x	x	x			x	x	x																											
Privacy protected (Y, N)		x	x	x				x	x									x	x																	
Reference to previous message			x	x				x	x									x	x			x		x												
Reference to transport document			x								x												x	x							x					
Terminal of departure	x	x	x	x		x	x	x	x		x					x	x	(x)	(x)		x										(x)					
Passage points		x	x					x	x														x	x												
Next traffic centre								x																												
Route information (terminals)			x	x			x	x	x		x							x	x		x															
Terminal of destination	x	x	x	x	x	x	x	x	x	x	x					x	x	(x)	(x)		x										(x)					
Date / time of departure		x	x	x			x	x	x									x	x			x					x									equal to date/time document
Passage time			x	x				x	x									x	x			x	x			x					(x)					
Date / time of arrival (ETA)	x	x	x	x		x	x	x	x	x	x							x	x				x													see 1) at the end
Number of crew (D)								x	x		x												(x)													see 2) at the end
Number of passengers admitted (D)																	x					x														
Number of passenger cabins (D)																						x														
Actual number of passengers (D)								x								x					x															
Sailing direction (upstream, downstream) (D)	x	(x)	x			x	(x)	x								x	x	x	x		x															
cargo documents checked indication (NL)																																				

The data items in *italics* are not contained in the ERINOT message. They are to be considered in the future when information exchange increases.

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Annex 1
Data items to be reported
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Type — Service / Function to be supported:	Traffic Management					Calamity abatement support					Transport Management					(without contents)					Waterway infrastructure charges					Border control					Customs services					Remarks
Country:	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1 — 2	3					4					5					6					7					8					9					10
Rotation number (NL)			x																																	
Convoy data																																				
Convoy type	x	x	x	x		x	x	x	x				x			x							x								x					
Official vessel no. of main vessel		x	x	x		x	x	x	x				x					(x)	x				x			x					x					
Name of main vessel	x	x	x	x		x	x	x	x				x			x		x					x			x					x					
Capacity of convoy in tonnes		x	x	x		x	x	x	x				x			x		x					x								(x)					
Nationality of main vessel		x	x	x		x	x	x	x				x			x		x					x								x					
Length of the convoy	x	x	x	x		x	(x)	x	x				x					x					x													
Width of the convoy	x	x	x	x		x	(x)	x	x				x					x																		
Actual draught of the convoy		x	x	x		(x)	x	x					x					x																		
Loading status (full, empty)(D)	x	x	x					x	x				x					x																		(D)
Number of containers (D)		x	x					x	x				x					x					x													
Actual air draught of the convoy (NL)		x	x				(x)																													
Sender (of message) data			x	x				x	x					x														x					x			
Name			x					x					x									x	x					x					x			
Identification code			(x)	x				(x)														x	x					x					x			
Address																						x	x													
Contact details																																				
Communication details			x	x				x	x					x									x													
Invoicee´s data																																				
Name			x					x														x	x										(x)			
Identification code			(x)					(x)														x	x													
Address			x					x														x	x										(x)			
Contact details																																	(x)			
Communication details			x					x														x	x													
Vessel owner´s data																																				

The data items in *italics* are not contained in the ERINOT message. They are to be considered in the future when information exchange increases.

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Annex 1
Data items to be reported
in the different services and functions of RIS

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Type — Service / Function to be supported:	Traffic Management					Calamity abatement support					Transport Management					(without contents)					Waterway infrastructure charges					Border control					Customs services					Remarks
Country:	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1 / 2	3					4					5					6					7					8					9					10
Name			x	x					x									x			x	x	x													
Identification code			(x)						(x)																											
Address																		x			x	x	x													
Contact details																																				
Communication details									x																											
Nationality																		x			x		x													
Convoy details (for each vessel in convoy)																																				Belgium does not work on convoy level
Vessel identification	x		x	x	x			x	x							x		x	x		x	x	x								x					For customs services just a complete convoy (A)
Name	x		x	x	x			x	x							x		x	x		x	x	x								x					
Tonnage (allowed by permit) (NL)	x		x	x	x			x	x							x		x	x		x	x	x								x					
Type	x		x	x	x			(x)	x							x		x	(x)	x	x	x	x								x					
Vessel length	x		x	x	x	x		(x)	x							x		x	x				x	x												
Vessel width	x		x	x	x	x		(x)	x							x		x	x				x	x												
Vessel actual draught			x					x										(x)					x	x												
Nationality (D)			(x)			x			(x)							x		x	x	x			x								(x)					see owner´s data
Loading status (full, empty) (D)			x					x										x	x				x													
Engine Power (amount) (B, NL)			x	x												x		x			x															
Number of along sailing ships (B)																x		x			x															
double hull indication			x	x				x	x															x												
Vessel official draught (NL)			x																																	
Travel exemption indication (NL)			x	x				x	x																											
General container data																																				
Type and number of loaded containers								x										x	x				x								(x)					
Type and number of empty containers								x										x	x				x								(x)					
Consignment data)																																				
(Similar terminal of departure, similar terminal of destination)																																				
Type and no. of inner package															x			x																		

The data items in *italics* are not contained in the ERINOT message. They are to be considered in the future when information exchange increases.

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Annex 1
Data items to be reported
in the different services and functions of RIS

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Type	Service / Function to be supported:	Traffic Management					Calamity abatement support					Transport Management					(without contents)					Waterway infrastructure charges					Border control					Customs services					Remarks
	Country:	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1	2	3					4					5					6					7					8					9					10
	Date / time of loading				x		x		x									x						x													
	Date / time of unloading				x		x		x									x						x													
	Loading terminal			x	x	x	x		x									x						x													
	Unloading terminal			x	x	x	x		x									x						x													
	Cargo sender data																																					
	Name												x					x																				
	Address												x					x																				
	Cargo receiver data																																					
	Name																	x																				
	Address																	x																				
	Extra goods information																																					
	Type of good (non-dangerous, dangerous)			(x)	x			x	x	x								x					x	x														
	HS code			(x)					(x)									x						x						x								
	Customs status																								(x)													see 3) at the end
	NST-R code			(x)	x		x		x								x	x	x			x	x															NST-code (B)
	Non-dangerous cargo data (per vessel and per good)																																					
	Cargo name			x	x			x	x	x								x				x	x															
	NST-R code							x	x									x						x														
	HS code								x									x						x														
	Dangerous cargo data																																					
	ADNR class or IMDG class (sea vessels)			(x)	x	x		x	x	x			x																									
	Classification code (only for cargo on dry cargo vessels and for class 1 only)			x	x		x				x																											
	UN number			x	x		x		x	x																												
	Name of substance			x	x		x		x	x																												

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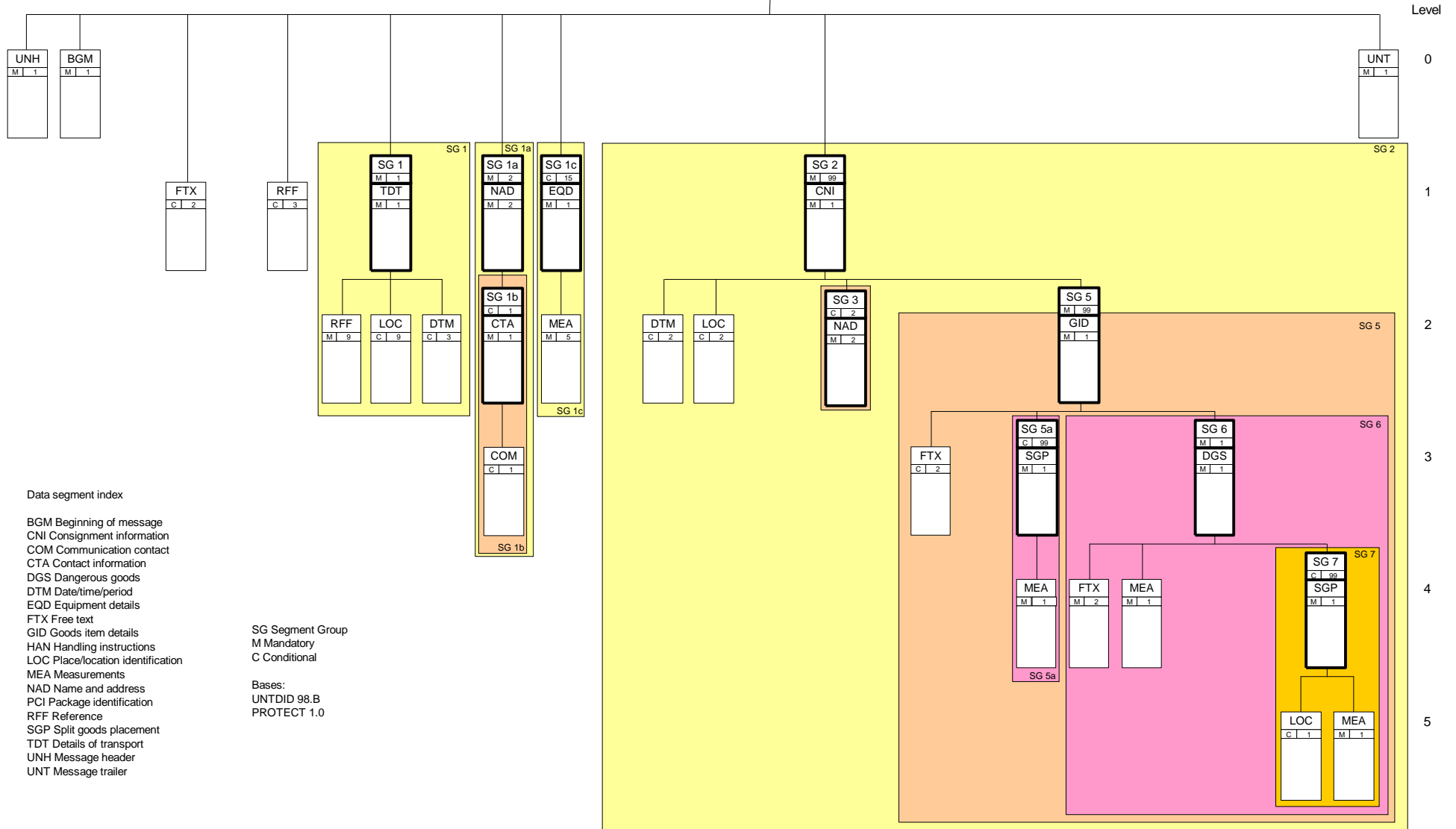
Type — Service / Function to be supported	Traffic Management					Calamity abatement support					Transport Management					(without contents)					Waterway infrastructure charges					Border control					Customs services					Remarks
Country:	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	A	B	D	F	N	
1 / 2	3					4					5					6					7					8					9					10
Synonym					x	x		x	x	x																										
Packing group						x		x		x																										
Placards (for cargo on dry cargo vessels only)					x	x		x		x																										
Gevarenkaart gegevens (NL)										x																										
Goods placement data (barge)																																				
Vessel identification where the cargo is stored					x	x		x	x	x					x																					
Weight					x	x									x																					
Goods placement data (containers)																																				
Container number and type						x									x																(x)					
Stowage location						x									x																(x)					
Weight of cargo in the container					x	x									x						x										(x)					Total amount, not by container (B)

1) Not just the ETA ist needed, but also the assigned (allowed) time of arrival, which is sent back by the port of destination (A)

2) Austria: For **border control** (crew and passenger lists) the following data is needed for each person on board:
First name, gender, Date of birth, Place of birth, kind of identification document, number of identification document, nationality
Authority, Identificationb document valid fro, identification document valid until, immigration granted, passenger or crew number

3) T= Third country good,
C = Communal good
X = Good declared for export in a member state
F = good from non-fiscal area

(x) Customs services are not included in the Austrian application DORIS at the moment, but might be added at a later stage

The data items in *italics* are not contained in the ERINOT message. They are to be considered in the future when information exchange increases.

Central Commission for the Navigation on the Rhine

Annex 2

Standard for Electronic Ship Reporting in Inland Navigation
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ERINOT

ERINOT Message Branching Diagram

Data segment index

BGM Beginning of message
CNI Consignment information
COM Communication contact
CTA Contact information
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
PCI Package identification
RFF Reference
SGP Split goods placement
TDT Details of transport
UNH Message header
UNT Message trailer

SG Segment Group
M Mandatory
C Conditional

Bases:
UNTDID 98.B
PROTECT 1.0

Annex 3

ERI Message Specifications

Edition 1.0, 28.05.03

Contents

1   Introduction

This document defines the structure of the ERI messages in electronic reporting for inland navigation. The messages are to be sent by on-board or on-shore applications to the competent authority. Also messages generated by a competent authority and sent to on-board or on-shore applications are defined.

For notifying the passage of a vessel by a competent authority to another competent authority, the same message structure is used.

1.1   UN/EDIFACT message structure

UN/EDIFACT messages are composed of several segments. The structure of a message is described in a branching diagram indicating the position and the relations of the segments.

For each segment the data elements are defined which are to be used in a message. Some data elements are combined to form composite data elements.

The messages follow a fixed syntax (ISO 9735-1).

A segment and a data element within a segment either is mandatory or conditional. Mandatory segments and / or data elements contain important data for a receiving application and shall be filled with sensible data. Conditional elements need not be present in a message.

Each message starts with two segments, the 'interchange header' (UNB) and the 'message header' (UNH). 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.

1.2   Description of the segments and data elements

The segments and data elements are described in tables 1 and 2.

Column 1 contains the name in form of the acronym (TAG) of the segment group, represented by the hierarchy of segment names on higher levels. This indication is derived from the branching diagram.

Column 2 contains the name in form of the acronym (TAG) of the segment, the number of the composite data element and the number of the data element.

Column 3 indicates the level on which the segment is situated in the branching diagram.

Column 4 indicates whether the segment or data element is mandatory (M) or conditional (C).

Column 5 defines the format of the data element.

Column 6 gives the UN/EDIFACT name of the data element. The names of segments are written in bold upper cases, the names of composite data elements are written in normal upper cases and the names of data elements are written in normal lower cases.

Column 7 gives a description of the data elements (fields). If a fixed value is to be used, the value is indicated in quotes

1.3   Conventions for data formats

The following conventions are adopted for the definition of the format of the data elements:

? a3   3 ASCII characters A t/m Z ;

? an..3   At most 3 alpha-numeric characters (remainder is filled with blanks);

? n..9   Numeric value of at most 9 digits (8 numbers and 1 minus sign) right aligned, preceded by zeros or blanks;

? n3.2   Numeric value of 3 positions, right aligned, preceded by blanks.

If a smaller size is used in the ERI specification tables, this is indicated within brackets. The remaining space in a data element is to be filled with space characters.

2 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 and adopted by the IMO. The **ERINOT** message is based on EDIFACT directory 98.B and Protect version 1.0.

For each transport, an ERI notification message is to be composed and sent to the competent authority.

The branching diagram of the **ERINOT** message is depicted in Annex 3.

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

2.1 ERINOT message structure

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

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	UNB	0	M		**INTERCHANGE HEADER**	
	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 (an25)	Sender identification	Mailbox number or unique name
	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 (an25)	Recipient identification	Mailbox number or unique name
	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 control reference	First 14 positions of the message reference number.
	S005				RECIPIENTS REFERENCE, PASSWORD	
	0022			an..14	Recipient's reference / password	n.a.
	0025			an2	Recipient's reference, password qualifier	n.a.
	0026			an..14	Application reference	n.a.
	0029			a1	Processing priority code	n.a.
	0031		C	n1	Acknowledgement request	"1" = Sender wishes receipt notification
	0032			an..35	Communications agreement id	n.a.
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message
	UNH	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	"IFTDGN", 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	"PROT10", Protect version 1.0
	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.
	BGM	0	M		**BEGINNING OF MESSAGE**	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: "VES", from vessel to RIS authority message; "CAR", from carrier to RIS authority message "PAS", passage report from RIS authority to RIS authority
	1131			an..3	Code list qualifier	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Segment / Composite data element (C) / Data element / TAG	Level	Mandatory Conditional	Format	Name	Description / Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	TAG	Level	M/C	Format	Name	Description Qualifiers in notation marks
	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 (an15)	Document identifier	Message reference number. This number should 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 should be used. The transitional system should in this case not generate another message reference number
	1056		C	an..9	Version	n.a.
	1060		C	an..6	Revision number	n.a.
	1225		M	an..3	Message function code	**Function** of message: "1" = cancellation message "9" = new message, "5" = modification message
	4343		C	an..3	Response type code	n.a.
	FTX (1)	1	C		**FREE TEXT**	To notify the number of **persons on board** and the number of **blue cones**
	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		C	an.. 70 (n3)	Free text	Number of persons on board
	4440		M	an.. 70 (an1)	Free text	'0', '1', '2', '3' for number of cones (inland vessel) , "B" for red signal flag (maritime vessel), "V" for specal permit
	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.
	4447			an..3	Text formatting, coded	n.a.
	FTX (2)	1	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"
	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 (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.
	4447			an..3	Text formatting, coded	n.a.
	RFF (1)	1	C		**REFERENCE**	Reference to the message for which the current message is a **replacement**. Mandatory if the message is a modification message

Segment Group	Segment / Composite data element (C) / Data element / TAG	Level	Mandatory Conditional	Format	Name	Description / Qualifiers in notation marks
1	2	3	4	5	6	7
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"ACW" for reference number to previous message
	1154		M	an..35 (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.
	RFF (2)	1	C		**REFERENCE**	Reference to **transport document**
	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		C	an..6	Line number	n.a.
	4000		C	an..35	Reference version number	n.a.
	1060		C	an..6	Revision number	n.a.
	RFF (3)	1	C		**REFERENCE**	Reference to a **test scenario**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"ADD" for test number
	1154		M	an..35	Reference number	Test scenario identification, which should be known at the receiving party
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060		C	an..6	Revision number	n.a.
TDT	**TDT**	1	M		**DETAILS OF TRANSPORT**	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	Transport stage code qualifier	"20" for main carriage transport
	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 UN/ECE Rec. 19)
	8066			an..17	Mode of transport	n.a.
	C228		M		TRANSPORT MEANS	
	8179		M	an..8 (an4)	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 4, No. 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.
	7130			an..17	Customer authorization number	n.a.
	C222		M		TRANSPORT IDENTIFICATION	
	8213		M	an..9 (an7..8)	ID. of means of transport identification	**Ship number**: 7 digits for OFS or IMO indication, 8 digits for ERI indication
	1131		M	an..3	Code list qualifier	"OFS" for a Official Ship Number of

Table 1: ERI notification message ERINOT

Segment Group	Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						CCNR system, see Annex 4, No. 2 "IMO" for an IMO-number, see Annex 4, No. 3 "ERN" for all other ships (Electronic Reporting International Number), see Annex 4, No. 4
	3055			an..3	Code list responsible agency	n.a.
	8212		M	an..35	Id. Of the means of transport	**Name of the ship;** If the name results in more than 35 positions, the name of the vessel is shortened.
	8453		M	an..3 (an2)	Nationality of means of transport	ISO two-alpha country code 3166-1, see Annex 4, No. 11
	8281			an..3	Transport ownership	n.a.
TDT	**RFF (1)**	2	M		**REFERENCE**	Dimensions of the transport, **length**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"LEN" = Length
	1154		M	an..35 (n..5)	Reference number	Total length of the convoy t 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	**RFF (2)**	2	M		**REFERENCE**	Dimensions of the transport, **width**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"WID"
	1154		M	an..35 (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	**RFF (3)**	2	M		**REFERENCE**	Dimensions of the transport, **draught**
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	"DRA"
	1154		M	an..35 (n..4)	Reference number	Draught 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	**RFF (4)**	2	M		**REFERENCE**	Dimensions of the transport, **tonnage**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"TON"
	1154		M	an..35 (n..5)	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	**RFF (5)**	2	M		**REFERENCE**	**National voyage reference, Belgium**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNB"
	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.
TDT	**RFF (6)**	2	M		**REFERENCE**	**National voyage reference, France**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNF"
	1154		M	an..35	Reference number	Government reference of France
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.

Table 1: ERI notification message ERINOT

Segment Group	Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	1060			an..6	Revision number	n.a.
TDT	**RFF (7)**	2	M		**REFERENCE**	**National voyage reference, Germany**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNG"
	1154		M	an..35	Reference number	Government reference of Germany
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (8)**	2	M		**REFERENCE**	**National voyage reference, reserved 1**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNG"
	1154		M	an..35	Reference number	Government reference,reserved 1
1	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**RFF (9)**	2	M		**REFERENCE**	**National voyage reference, reserved 2**
	C506		M		REFERENCE	Reference
	1153		M	an..3	Reference qualifier	"GNG"
	1154		M	an..35	Reference number	Government reference, reserved 1
	1156			an..6	Line number	n.a.
	4000			an..35	Reference version number	n.a.
	1060			an..6	Revision number	n.a.
TDT	**LOC (1)**	2	M		**PLACE/LOCATION 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 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Annex 4, No. 12
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	Full name of the terminal.
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (2)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Passage point that has already being passed** by the ship. This segment and the TDT/DTM(2) segment with qualifier 186 are mandatory for passage reports
	3227		M	an..3	Place / location qualifier	"172" for passage point
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25	Place / location identification	UN/ECE Location code (Rec. 16) of

Segment Group	Segment **C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	Segment / Composite / TAG	Level	M/C	Format	Name	Description / Qualifiers
				(an5)		the passage point (lock, bridge, traffic centre), see Annex 4, No. 12
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the passage point
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (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 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (3)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Next passage point**
	3227		M	an..3	Place / location qualifier	"61 " for next port of call
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the passage point (lock, bridge, VTS centre) , see Annex 4, No. 12
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (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
	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 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (4..8)**	2	C		**PLACE/LOCATION IDENTIFICATION**	**Further future passage points** (information on intended route). At most five intermediate points on the route can be given. The order of passage should be the order within the message.
	3227		M	an..3	Place / location qualifier	"92 " for routing
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location Code (Rec. 16) of the passage point (lock, bridge, traffic centre) , see Annex 4, No. 12
	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	Related place / location one	Passage point code

Segment Group	Segment / Composite data element (C) / Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
				(an..5)	identification	
	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 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (9)**	2	M		**PLACE/LOCATION IDENTIFICATION**	**Port of destination**. 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 (an5)	Place / location identification	UN/ECE Location code (Rec. 16) of the port, see Annex 4, No. 12
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	Full name of the terminal.
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13
	1131			an..3	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**DTM (1)** to LOC(1)	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	**DTM (2)** to LOC (2)	2	C		**DATE / TIME / PERIOD**	**Passage time**, as **recorded** by the traffic centre
	C507		M		DATE / TIME / PERIOD	
	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	**DTM (3)** to LOC (9)	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:

Table 1: ERI notification message ERINOT

Segment Group	Segment / Composite data element (C) / Data element / TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						YYMMDDHHMM
	2379		M	an..3	Date or time or period format code	"201" for YYMMDDHHMM
NAD	**NAD (1)**	1	M		**NAME and ADDRESS**	name and address of **message sender**
	3035		M	an..3	Party function code qualifier	"MS" for Message sender
	C082		C		PARTY IDENTIFICATION DATAILS	
	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.
	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 / p.o. box	Street and number or post office box
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. 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 4, No.11
NAD	**CTA**	2	C		**CONTACT INFORMATION**	Sender contact details
	3139			an..3	Contact function	n.a.
	C056		M		DEPARTMENT OR EMPLOYEE DETAILS	
	3413			an..17	Department or employee identification	n.a.
	3412		M	an..35	Department or employee	"ERI", dummy value
NAD/CTA	**COM**	3	C		**COMMUNICATION CONTACT**	Sender communication contact details (max. 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 "FX" for fax number "EM" for E-mail address "EI" for EDI mailbox number (EDI number for NAD 1 is mandatory if a response in the form of an ERIRES message is requested for. If no response is requested, the EDI number is not to be used).
NAD	**NAD (2)**	1	M		**NAME and ADDRESS**	Name and address of **agent/invoicee**
	3035		M	an..3	Party function code qualifier	"CG" for agent / invoice address (for VNF this segment is mandatory).
	C082		C		PARTY IDENTIFICATION	

Table 1: ERI notification message ERINOT

Segment Group	Segment **C**omposite data element (C) Data element **TAG**	Level	**Mandatory Conditional**	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
					DATAILS	
	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.
	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	Street
	3042		M	an..35	Street and number / p.o. box	Address (street name + number or post office box number)
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. 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
EQD	**EQD (V) (1)**	1	M		**EQUIPMENT DETAILS**	Specification of the **VESSELS** within the convoy (for each vessel 1 segment, also the main vessel), **propulsed vessel**
	8053		M	an..3	Equipment type code qualifier	"BRY" for vessel participating in the propulsion.
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17 (an7..8)	Equipment identification number	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of CCNR system, see Annex 4, No. 2 "IMO" for an IMO number, see Annex 4, No. 3 "ERN" for all other vessels (Electronic Reporting Number), see Annex 4 No. 4
	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 (an..4)	Equipment size and type identification, **vessel type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annnex 4, No. 1
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	8154			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	**EQD (V) (2 - 15)**	1	C		**EQUIPMENT DETAILS**	Specification of the **VESSELS** within the convoy (for each vessel 1

Table 1: ERI notification message ERINOT

Segment Group	Segment **C**omposite data element (C) Data element TAG	Level 	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						segment, also the main vessel) **not propulsed vessels**
	8053		M	an..3	Equipment type code qualifier	"BRN" for vessel not participating in the propulsion
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17 (an7..8)	Equipment identification number	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of the CCNR system, see Annex 4, No. 2 "IMO" for an IMO number, see Annex 4, No. 3 "ERN" for all other ships (Electronic Reporting Number), see Annex 4, No. 4
	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 (an..4)	Equipment size and type identification, **vessel type**	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Annex 4, No. 1
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	8154			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	**MEA (1)**	2	M		**MEASUREMENTS**	**Vessel Length**
	6311		M	an..3	Measurement purpose qualifier	"DIM" for dimension
	C502				MEASUREMENT DETAILS	
	6313			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	
	6411		M	an..3	Measurement unit qualifier	"CMT" for centimetre (UN/ECE Rec 20, Annex 3. Common code)
	6314		M	an..18 (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)**	2	M		**MEASUREMENTS**	**Vessel Width**
	6311		M	an..3	Measurement purpose code qualifier	"DIM" for dimension
	C502				MEASUREMENT DETAILS	
	6313			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	
	6411		M	an..3	Measurement unit qualifier	"CMT" for centimetre (UN/ECE Rec 20, Annex 3: Common code)
	6314		M	an..18 (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.

Table 1: ERI notification message ERINOT

Segment Group	Segment **C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	Segment / TAG	Level	M/C	Format	Name	Description / Qualifiers in notation marks
EQD	**MEA (3)**	2	M		**MEASUREMENTS**	**Vessel Draught**
	6311		M	an..3	Measurement purpose code qualifier	"DIM" for dimension
	C502				MEASUREMENT DETAILS	Size details
	6313			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	
	6411		M	an..3	Measurement unit qualifier	"CMT" for centimetre (UN/ECE Rec 20, Common code)
	6314		M	an..18 (n4)	Measurement value	Draught
	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	M		**MEASUREMENTS**	**Vessel Tonnage**
	6311		M	an..3	Measurement purpose code qualifier	**"VOL" for volume**
	C502				MEASUREMENT DETAILS	Size details
	6313			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	
	6411		M	an..3	Measurement unit qualifier	"TNE" for metric ton (UN/ECE Rec 20, Common code)
	6314		M	an..18 (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.
	EQD (C) (1..15)	1	C		**EQUIPMENT DETAILS**	Specification of the number of **CONTAINERS**
	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	
	8155		M	an..10 (an4)	Equipment size and type identification	Container **range**: "RNG20" for containers having 20 to 29 in the first two digits of the ISO code, "RNG30" for containers having 30 to 39 in the first two digits of the ISO code, "RNG40" for containers having 40 or more in the first two digits of the ISO code
	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 **status**: "5" for loaded, "4" for empty, "6" for

Segment Group	Segment / Composite data element (C) / Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
						no volume available
EQD	**MEA (5)**	2	M	EQD(2)	**MEASUREMENTS**	Specification of the **number of containers**
	6311		M	an..3 (an2)	Measurement purpose qualifier	"NR" for number
	C502				MEASUREMENT DETAILS	n.a.
	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 UN/ECE Rec. 20, common code)
	6314		M	an..18 (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.
CNI	**CNI**	1	M		**CONSIGNMENT INFORMATION**	**Consignment** (similar source / destination) specification of the transported **cargo**
	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.
	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	**DTM (1)**	2	C		**DATE / TIME / PERIOD**	Estimated **arrival time** 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	**DTM (2)**	2	C		**DATE / TIME / PERIOD**	Estimated **departure time** 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
	2379		M	an..3	Date or time or period format code	"201"
CNI	**LOC (1)**	2	C		**PLACE / LOCATION IDENTIFICATION**	Specification of the **loading place** of the cargo
	3227		M	an..3	Place / location qualifier	"9" for place / port of loading
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), of the loading place, see Annex 4, No. 12
	1131			an..3	Code list qualifier	n.a.

Segment Group	Segment **C**omposite data element (C) Data element **TAG**	Level Mandatory Conditional		Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	TAG	Level	M/C	Format	Name	Description / Qualifiers in notation marks
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70 (an..17)	Related place / location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an..5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
CNI	**LOC (2)**	2	C		**PLACE / LOCATION IDENTIFICATION**	Specification of the **discharge place** of the cargo
	3227		M	an..3	Place / location qualifier	"11" for place / port of discharge
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16), see Annex 4, No. 12
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		C	an..70 (an..17)	Place / location	Full name of the port
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25 (an..5)	Related place / location one identification	Terminal code, see Annex 4, No. 14
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222		C	an..70 (an..17)	Related place / location one	Full name of terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
	3233		M	an..25 (an5)	Related place / location two identification	Fairway section code, see Annex 4, No. 13
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3232		C	an..70 (an.. 5)	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
CNI/ NAD	**NAD (1)**	2	C		**NAME AND ADDRESS**	**Cargo sender** name
	3035		M	an..3	Party function code qualifier	"SF" for ship from
	C082		C		PARTY IDENTIFICATION DETAILS	
	3039		M	an..35 (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				NAME AND ADDRESS	
	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	Ship from name.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.

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Segment Group	Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	Composite data element (C) / Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
	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	Street
	3042			an..35	**Street and number or post office box**	
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3164		M	an..35	City name	
	3229			an..9	Country sub-entity identification	n.a.
	3251			an..9	Postcode identification	n.a.
	3207			an..3	Country	n.a.
CNI/ NAD	**NAD (2)**	2	C		**NAME AND ADDRESS**	**Cargo receiver** name
	3035		M	an..3	Party function code qualifier	"ST" for ship to
	C082		M		PARTY IDENTIFICATION DETAILS	
	3039		M	an..35 (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				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	Ship to 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				STREET	Street
	3042			an..35	Street and number / p.o. box	
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3164		M	an..35	City name	
	3229			an..9	Country sub-entity identification	n.a.
	3251			an..9	Postcode identification	n.a.
	3207			an..3	Country	n.a.
CNI	**GID (1..99)**	2	M		**GOODS ITEM DETAILS**	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
	C213				NUMBER AND TYPE OF PACKAGES	
	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, 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.

Segment Group	Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	Segment / Composite data element (C) / Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
	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 **packages**
	7065		M	an..17 (a2)	Type of packages identification	UN/ECE recommendation No. 21, see Annex 4, No. 17
	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.
CNI/ GID	**FTX (1)**	3	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 (an1)	Free text	**type of good**: "D" for Dangerous "N" for Non-dangerous
	4440		C	an..70 (n6..10)	Free text	**HS code**, can be left blank if unknown and good is dangerous, see Annex 4, No. 5
	4440		C	an..70 (a1)	Free text	**Customs status**: "T" = Third country good "C" = Communal good "F" = Good from non-fiscal area "X" = Good declared for export in a member state
	4440		C	an..70 (an..35)	Free text	Customs document reference **number** for goods of type "T", "F", or "X"
	4440		C	an..70 (an1)	Free text	Overseas destination "Y" = with overseas destination "N" = without an overseas destination
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.
CNI/ GID	**FTX (2)**	3	C		**FREE TEXT**	**Goods description of non-dangerous cargo**
	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.
	3055			an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	
	4440		M	**an..70**	Free text	Goods **name** of the non-dangerous cargo
	4440		C	an..70 (n6)	Free text value	**NST/R code** of the non-dangerous cargo. Extended by "00" if only 4 digits known, see Annex 4, No. 7.
	4440		C	an..70 (n6..10)	Free text	**HS code** of the non-dangerous cargo, see Annex 4, No. 5
	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	n.a.
CNI/ GID	**SGP (1..99)**	3	C		**SPLIT GOODS PLACEMENT**	**Specification of the location of the non-dangerous cargo within the means of transport**
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17	Equipment identification	**Ship number**: 7 digits for OFS or

Segment Group	Composite data element (C) / Data element / TAG	Level	Mandatory Conditional	Format	Name	Description / Qualifiers in notation marks
1	2	3	4	5	6	7
				(an7..8)	number	IMO indication, 8 digits for ERN indication
	1131		M	an..3	Code list qualifier	"IMO" for an IMO number , see Annex 4, No. 3 "OFS" for a Official Ship Number of CCNR system, see Annex 4, No. 2 "ERN" for all other ships (Electronic Reporting Number), see Annex 4, No. 4
	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	**MEA**	4	M		**MEASUREMENTS**	**Specification of the weight of a non dangerous good on board the vessel**
	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 (UN/ECE Rec. 20)
	6314		M	an..18 (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	**DGS**	3	M		**DANGEROUS GOODS**	**Dangerous goods identification**
	8273		M	an..3	dangerous goods regulations	"ANR" for inland vessels (CCNR ADNR code) "IMD" for sea going vessels (IMO IMDG code)
	C205		M		HAZARD CODE	
	8351		M	an..7	Hazard code identification	**ADNR or IMDG code,** see Annex 4, No. 9
	8078		C	an..7	Additional hazard classification identifier	ADNR danger classification code, see Annex 4, No. 10
	8092			an..10	Hazard code version number	n.a.
	C234		M		UNDG INFORMATION	
	7124		M	n4	UNDG number	**UN number** (UNDG code), see Annex 4, No. 8
	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 "FAH" for Fahrenheit .
	8339		M	an..3	Packing group	"1" for great danger "2" for medium danger "3" for minor danger ..
	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 PLACARD DETAILS	**Placards** mandatory for dangerous goods on dry cargo vessels
	8158		M	an..4	Hazard identification number, upper part	see ADNR
	8186		M	an..4	Substance identification number, lower part	see ADNR
	C236				DANGEROUS GOODS LABEL	n.a.

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
	8246			an..4	Dangerous goods label marking	n.a.
	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	**FTX (1)**	4	M		**FREE TEXT**	**Dangerous good description**
	4451		M	an..3	Text subject code qualifier	"AAD" for dangerous goods, **technical** name
	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.
	3055			an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	
	4440		M	an..70 (an..50)	Free text	Name of dangerous good (**proper shipping** name)
	4440			an..70	Free text value	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	n.a.
	4447			an..3	Text formatting	n.a.
CNI/ GID/ DGS	**FTX (2)**	4	C		**FREE TEXT**	**Additional information**
	4451		M	an..3	Text subject code qualifier	"AAC" for dangerous goods additional information
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441		M	an..17	Free text identification	"SYN" for indication that a synonym follows
	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 (an..50)	Free text	**Synonym** of the dangerous good
	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	n.a.
	4447			an..3	Text formatting	n.a.
CNI/ GID/ DGS	**MEA**	4	M		**MEASUREMENTS**	**Total weight of the dangerous good within a transport**
	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 (UN/ECE Rec. 20)
	6314		M	an..18	Measurement value	Weight of the dangerous good in the consigment
	6162			n..18	Range minimum	n.a.

Segment Group	Segment / Composite data element (C) / Data element / TAG	Level	Mandatory Conditional	Format	Name	Description / Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	TAG	Level	M/C	Format	Name	Description / Qualifiers in notation marks
	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 (1..99)**	4	M		**SPLIT GOODS PLACEMENT**	**Specification of the location of the goods.** If the goods are transported in containers, this segment should contain the identification of the vessel the container is stowed on.
	C237		M		EQUIPMENT IDENTIFICATION	
	8260		M	an..17 (an7..8)	Equipment identification number	**Ship number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication
	1131		M	an..3	Code list qualifier	"OFS" for an Official Ship Number of CCNR system, see Annex 4, No. 2 "IMO" for an IMO-number, see Annex 4, No. 3 "ERN" for all other ships (Electronic Reporting Number), see Annex 4, No. 4
	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	**MEA**	5	M		**MEASUREMENTS**	**Total weight of the goods within the vessel.**
	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 (UN/ECE Rec. 20)
	6314		M	an..18	Measurement value	Weight of the goods in the vessel
	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**	4	C		**SPLIT GOODS PLACEMENT**	**The location of the goods if in containers.**
	C237		M		EQUIPMENT IDENTIFICATION	Identification
	8260		M	an..17	Equipment identification number	**Container identification** code (owner code, identifier, serial number. check digit), see Annex 4, No. 16
	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	**LOC**		C		**PLACE / LOCATION IDENTIFICATION**	**Stowage location**
	3227		M	an..3	Place / location qualifier	"147" for Stowage cell
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25	Place / location identification	"BBBRRTT" for Bay / Row / Tier
	1131			an..3	Code list qualifier	n.a.

Segment Group	Segment / Composite data element (C) / Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 1: ERI notification message ERINOT

Segment Group	Segment / Composite data element (C) / Data element TAG	Level	Mandatory Conditional	Format	Name	Description Qualifiers in notation marks
	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.
	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	**MEA**	5	M		**MEASUREMENTS**	**Specification of the weight of the good in the container**
	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 (UN/ECE Rec. 20)
	6314		M	an..18	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.
	UNT		M		**MESSAGE TRAILER**	**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
	UNZ		M		**INTERCHANGE TRAILER**	**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

2.3   Dummy segments

In some cases, amongst others in the passage message **ERINOT(PAS)**, 'dummy' segments have to 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
    - ?

2.4   Empty vessels

If an empty vessel is reported, the following rules apply for the mandatory segment groups:
1.   Empty of non-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: 0000000003
    - ?   FTX AAA: good name: 'UNKNOWN', HS-code: 0000000003, NSTR-code: 999007
    - ?   SGP: vessel details of the empty vessel
    - ?   MEA: weight: 0
- ?   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:
- ?   CNI group:
    - ?   CNI: valid sequence number
    - ?   LOC: source and destination
- ?   CNI/GID group:
    - ?   GID: valid sequence number
    - ?   FTX ACB: type of good: 'D', HS-code of dangerous good
- ?   CNI/GID/DGS group:
    - ?   DGS: dangerous goods details
    - ?   FTX AAD: dangerous good name
    - ?   MEA: weight: 0
    - ?   SGP: details of the empty vessel
    - ?   MEA: weight: 0

2.5   Container transport with non-dangerous goods

If containers are transported, the following extra rules apply for the mandatory groups if a container does <u>not</u>

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/R 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:
    ?   SGP: vessel details
    ?   MEA: weight of the good in the vessel
  ?   SGP group:
    ?   SGP: Container number
    ?   LOC: Stowage cel
  ?   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 is to be entered. Due to compatibility reasons with previous versions, the vessel details are entered twice.

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/R 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 have to be used:

	HS-code	NST/R code
Containers 20 ft empty	8609000002	991001
Containers 30 ft empty	8609000004	991002
Containers 40 ft empty	8609000003	991003
Containers 20 ft loaded	8609000007	991004
Containers 30 ft loaded	8609000008	991005
Containers 40 ft loaded	8609000009	991006

4   ERI response message ERIRSP

This chapter defines the response message generated by the RIS centre. The ERIRSP message is derived from the UN/EDIFACT APERAK message.

The response messages on the functions (new, modification or cancellation) of the ERI notification message ERINOT all have the same structure. The response on 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 e-mail address, where the response is to be returned to.

4.2   ERIRSP message structure

Table 2 defines the segments of the ERI response messages.

Segment Group	Segment **C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	UNB	0	M		**INTERCHANGE HEADER**	
	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 (an25)	Sender identification	Mailbox number or unique name
	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 (an25)	Recipient identification	Mailbox number or unique name
	0007			an..4	Partner identification code qualifier	n.a.

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 2: ERI response message ERIRSP

Segment Group	TAG	Level	M/C	Format	Name	Description Qualifiers in notation marks
	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 control reference	First 14 positions of the message reference number.
	S005				RECIPIENTS REFERENCE, PASSWORD	
	0022			an..14	Recipient's reference / password	n.a.
	0025			an2	Recipient's reference, password qualifier	n.a.
	0026			an..14	Application reference	n.a.
	0029			a1	Processing priority code	n.a.
	0031		C	n1	Acknowledgement request	"1" = Sender wishes receipt notification
	0032			an..35	Communications agreement id	n.a.
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message
	UNH	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	"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",
	0057		M	an..6	Association assigned code	"PROT10", Protect version 1.0
	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.
	BGM	0	M		**BEGINNING OF MESSAGE**	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: "VES", from vessel to RIS authority message; "CAR", from carrier to RIS authority message "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 (an15)	Document identifier	Message reference number. This number should 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 should be used. The transitional system should in this case not generate another message reference number
	1056		C	an..9	Version	n.a.
	1060		C	an..6	Revision number	n.a.
	1225		M	an..3	Message function code	Function of ,message: "9" = new message

Segment Group	Segment **C**omposite data element (C) Data element **TAG**	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7

Table 2: ERI response message ERIRSP

Segment Group	TAG	Level	M/C	Format	Name	Description Qualifiers in notation marks
	4343		M	an..3	Response type code	"AP" accepted "RE" rejected. The notification is rejected if the transport already is active.
	DTM	1	C		**DATE / TIME / PERIOD**	**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
	RFF (1)	1	C		**REFERENCE**	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		C	an..6	Line number	n.a.
	4000		C	an..35	Reference version number	n.a.
	1060		C	an..6	Revision number	n.a.
	RFF (2)	1	C		**REFERENCE**	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 should start with the UN country code followed by three positions for the assigning system. The final part is the actual reference number.
	1156		C	an..6	Line number	n.a.
	4000		C	an..35	Reference version number	n.a.
	1060		C	an..6	Revision number	n.a.
NAD	**NAD (1)**	1	M		**NAME and ADDRESS**	Name and address of the sender of the notification
	3035		M	an..3	Party function code qualifier	"MS" for Message sender
	C082				PARTY IDENTIFICATION DATAILS	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.
	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 / p.o. box	Street and number or post office box
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.

Segment Group	Segment / Composite data element (C) / Data element TAG	Level	Mandatory Conditioanal	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	3042			an..35	Street and number / p.o. 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
NAD	**COM**	2	C		**COMMUNICATION CONTACT**	Sender communication contact details (max. 2 times)
	C076		M		COMMUNICATION CONTACT	
	3148		M	an..70	Communication number	Communication number
	3155		M	an..3	Communication channel qualifier	"TE" for telephone number "FX" for fax number
	ERC	1	C		**APPLICATION ERROR INFORMATION**	
	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.
ERC	**FTX**	2	C		**FREE TEXT**	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.
	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.
	UNT		M		**MESSAGE TRAILER**	**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
	UNZ		M		**INTERCHANGE TRAILER**	**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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Annex 4
Classifications (CODES)
to be used in
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28.05.03
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1 Ves Type

1 Vessel and Convoy Type

FULL TITLE	Codes for types of means of transport Annex 2, chapter 2.5: Inland water transport
ABBREVIATION	UN Recommendation 28
ORIGINATING AUTHORITY	UNECE/CEFACT
LEGAL BASIS	UN Recommendation 28, ECE/Trade/276; 2001/23
CURRENT STATUS	Operational
IMPLEMENTATION DATE	March 2001
AMENDMENT DATE	26. Aug 02
STRUCTURE	4-digit alphanumeric code: 1 digit: "1" for maritime navigation, "8" for "inland navigation" 2 digits for vessel or convoy 1 digit for subdivision
SUCCINCT DESCRIPTION	This 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, shippers, consignees and other parties concerned with transport.
LINKED CLASSIFICATIONS	UN Recommendation No. 19
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	cefact@unece.org
REMARKS	These code values are governed by an international body (UNECE). To ensure harmonization, one single set of code values used by all RIS applications is required.

Example
8010   Motor freighter (Inland)
1500   General cargo vessel (sea)

Usage in this standard   TDT/C228/8179 (convoy)
                                            EQD(B)/C224/8155 (vessel)

Annexes
  4.1   UNECE Recommendation No. 28: Codes for types of means of transport, Inland Navigation
  4.2   Code list in 4 languages

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2 OFS

2 Official Ship Number (OFS)

FULL TITLE	Official Ship Number
ABBREVIATION	OFS
ORIGINATING AUTHORITY	Central Commisssion for the Navigation of the Rhine (CCNR)
LEGAL BASIS	§ 2.18 Rheinschiffsuntersuchungsordnung
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT DATE	
STRUCTURE	2-digit country code (an) 5 digit register no. (an) Country codes: 01 - 19 France 20 - 39 The Netherlands 40 - 49 Germany 60 - 69 Belgium 70 - 79 Switzerland 80 - 99 Other countries
SUCCINCT DESCIRPITION	
LINKED CLASSIFICATIONS	
USAGE	Inland navigation
MEDIA THROUGH WHICH AVAILABLE	www.ccr-zkr.org
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	Central Commission for the Navigation of the Rhine, 2, Place de la Republique, F-67082 Strasbourg Cedex,
REMARKS	

Example
4112345   Germany, Gerda

Usage in this Standard   TDT/C222/8213
EQD(1)/C237/8260
SGP/C237/8260

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3 IMO

3 IMO Ship Identification Number

FULL TITLE	IMO Ship Identification Number
ABBREVIATION	IMO No.
ORIGINATING AUTHORITY	International Maritime Organization
LEGAL BASIS	IMO Resolution A.600(15), SOLAS chapter XI, regulation 3
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT DATE	
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	www.imo.org
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	International Maritime Organization 4 Albert Embankment London SE1 7SR United Kingdom

Example
1234567   Helga

Usage in this standard   TDT/C222/8213
                                     EQD(1)/C237/8260
                                     SGP/C237/8260

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4 ERN

4 Electronic Reporting Number (for ship identification) ERN

FULL TITLE	Electronic Reporting Number (for ship identification)
ABBREVIATION	ERN
ORIGINATING AUTHORITY	Rijkswaterstaat, The Netherlands
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
LIMIT OF OPERATIONAL LIFE	
AMENDMENT DATE	
STRUCTURE	8-digit number
SUCCINCT DESCRIPITION	
LINKED CLASSIFICATIONS	
USAGE	In Electronic Ship Reporting (ERI) for ships which do not have an OFS nor an IMO number
MEDIA THROUGH WHICH AVAILABLE	www.bics.nl
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	helpdesk@bics.nl
REMARK	

Example
12345678   Renate

Usage in this standard   TDT/C222/8213
                                    EQD(1)/C237/8260
                                    SGP/C237/8260

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5 HS

5 Harmonized System Code (HS)

FULL TITLE	Harmonized Commodity Description and Coding System 2002
ABBREVIATION	HS 2002; Harmonized System 2002
ORIGINATING AUTHORITY	World Customs Organization
LEGAL BASIS	International Convention on the Harmonized Commodity Description and Coding System
CURRENT STATUS	Operational
IMPLEMENTATION DATE	01.01.2001
AMENDMENT DATE	In principle revised every few year; next revision is planned to come in force on 01.01.07
STRUCTURE	7,466 headings, organized in four hierarchial levels Level 1: sections coded by Roman numerals (I to XXI) Level 2 chapters identified by two-digit numerical codes Level 3: headings identified by four-digit numerical codes level 4: sub-headings identified by six-digit numerical code
SUCCINCT DESCRIPTION	HS is a classification of goods by criteria based on raw material and the stage of production of commodities. The industrial origin criterion is considered whenever it is compatible with the main criteria set out above. HS is the heart of the whole process of harmonization of international economic classifications beeing 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 harmonize a) external trade classifications to guarantee direct correspondence; and b) countrie´s external trade statistics and to guarantee that these are comparable internationally
LINKED CLASSIFICATIONS	Combined Nomenclature (CN): full agreement on six-digit-level; NST/R on 3-digit level
USAGE	Products
MEDIA THROUGH WHICH AVAILABLE	Hardcopy: Customs Co-operation Council, Brussels
LANGUAGES	Dutch, English, French, German etc.
ADDRESS OF RESPONSIBLE AGENCY	World Customs Organization Rue de l´industrie, 26-39 B-1040 Brussels www.wcoomd.org
REMARKS	The HS classification is further disaggregated at European Union level into a classification called Combined Nomenclature (CN)

Example
730110   Sheet piling of iron or steel
310210   Mineral or chemical fertilisers, ammonium sulphate

Usage in this standard   CNI/GID/FTX(1)/C108/4440
                                              CNI/GID/FTX(2)/C108/4440

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6 CN

6 Combined Nomenclature (CN)

FULL TITLE	Combined Nomenclature, 2002
ABBREVIATION	CN 2002
ORIGINATING AUTHORITY	EU Commission, Statistical Office EUROSTAT
LEGAL BASIS	EU Council, Regulation No. 2658/87 of 23 July 1987
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT DATE	Annual revisions at 01 January
STRUCTURE	8-digit numerical code:
	19,581 headings organised in five hierarchical levels: Level 1: sections coded by Roman numerals (I to XXI) Level 2 chapters identified by two-digit numerical codes Level 3: headings identified ba four-digit numerical codes level 4: sub-headings identified by six-digit numerical code level 5: categories identified by eight-digit numerical codes
SUCCINCT DESCRIPTION	The Combined Nomenclature is the goods classification used within the EU for the purposes of foreign trade statistics. It is also used by the EU for customs duty purposes. The classification is based on the Harmonized System (HS) which it sub-divides where necessary for purposes of external trade, agricultural regulation and customs duties. The CN was introduced in 1988 together with the HS .
LINKED CLASSIFICATIONS	HS code: full agreement on six-digit-level
	NST/R on 3-digit level
USAGE	Products
MEDIA THROUGH WHICH AVAILABLE	RAMON: Eurostat´s classification server, www.eurostat.org
LANGUAGES	all languages of the EU
ADDRESS OF RESPONSIBLE AGENCY	EUROSTAT
REMARKS	

Usage in this standard   indirectly through HS code

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7 NSTR

7 Standard Goods Classification for Transport Statistics / Revised (NST/R)

FULL TITLE	Nomenclature uniforme de marchandises pour les Statistiques de Transport Standard Goods Classification for Transport Statistics / Revised
ABBREVIATION	NST / R
ORIGINATING AUTHORITY	European Commission (Statistical Office / Eurostat)
LEGAL BASIS	
CURRENT STATUS	Operational, but presently under revision
IMPLEMENTATION DATE	01.01.1967
AMENDMENT DATE	
STRUCTURE	3-digit numerical code.
	Level 1: 10 chapters,identified by one-digit numerical codes (0 to 9)
	Level 2: 52 groups identified by two-digit numerical codes
	Level 3: 176 headings identified by three-digit numerical codes
SUCCINCT DESCIRPITION	The NST/R was devised by Eurostat for the harmonization of statistics on national and international transport in the Member States of the European Communities
LINKED CLASSIFICATIONS	Commodity Classification for Transport Statistics in Europe (CSTE), HS Code in one way (HS > NST/R)
USAGE	Products
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	Dutch, English, French, German etc.
ADDRESS OF RESPONSIBLE AGENCY	Statistical Office of the European Communities (Eurostat) Unit C2 Batiment BECH A3/112 L-2920 Luxembourg
REMARKS	

Example
729   Composite and other manufactured fertilisers
321   Motor sprit

Usage in this standard   CNI/GID/FTX(2)/C108/4440

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Classifications (CODES)
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7.1 NSTR-NL

7.1 Standard Goods Classification for Transport Statistics / Revised The Netherlands (NST/R NL)

FULL TITLE	Standard Goods Classification for Transport Statistics / Revised; The Netherlands
ABBREVIATION	NST/R-NL, HS Code in one way (HS > NST/R)
ORIGINATING AUTHORITY	
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT DATE	
STRUCTURE	4-digit numerical code
SUCCINCT DESCIRPITION	The NST/R-NL is based on the 3-digit NST/R classification of Eurostat
LINKED CLASSIFICATIONS	NST/R, HS Code in one way (HS > NST/R)
USAGE	Statistics
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	Dutch
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	On level 4 not compatible with NST/R-FR and NST/R-DE

Example
7290   Mengmeststoffen en andere gefabriceerde meststoffen
3210   Benzine

Usage in this standard   CNI/GID/FTX(2)/C108/4440

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7.2 NSTR-FR

7.2 Standard Goods Classification for Transport Statistics / Revised France (NST/R FR)

FULL TITLE	Nomenclature uniforme de marchandises pour les Statistiques de Transport
ABBREVIATION	NST/R-FR
ORIGINATING AUTHORITY	
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT DATE	
STRUCTURE	4-digit numerical code
SUCCINCT DESCIRPITION	The NST/R-FR is based on the 3-digit NST/R classification of Eurostat
LINKED CLASSIFICATIONS	NST/R, HS Code in one way (HS > NST/R)
USAGE	Waterway charges invoicing, Statistics
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	French
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	On level 4 not compatible with NST/R-NL and NST/R-DE

Example
7291   Engrais composes et autres engrais manufactures
3210   Essence de petrole

Usage in this standard   CNI/GID/FTX(2)/C108/4440

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7.3 NSTR-DE

7.3 Standard Goods Classification for Transport Statistics / Revised Germany (NST/R DE)

FULL TITLE	Güterverzeichnis für den Verkehr auf deutschen Binnenwasserstraßen
ABBREVIATION	GV-Binnenwasserstraßen; NST/R-DE
ORIGINATING AUTHORITY	Wasser- und Schifffahrtsdirektion West, Münster
LEGAL BASIS	By order of the Ministry of Transport, Germany
CURRENT STATUS	operational
IMPLEMENTATION DATE	01.01.1986
AMENDMENT DATE	01.01.2001
STRUCTURE	4-digit numerical code
	Level 1: 10 chapters, identified by one-digit numerical code (0 to 9)
	Level 2: 52 groups identified by two-digit numerical codes
	Level 3: 176 headings identified by three-digit numerical codes
	Level 4: 1-digit amendment specific for invoicing and statistics
SUCCINCT DESCRIPTION	The "GV-Binnenwasserstraßen" is based on the 3-digit NST/R classification of Eurostat and the "Güterverzeichnis 1969" of the Statistisches Bundesamt
LINKED CLASSIFICATIONS	NST/R, HS Code in one way (HS > NST/R)
	Güterverzeichnis für die Verkehrsstatistik (GV)
USAGE	Waterway charges invoicing, Statistics
MEDIA THROUGH WHICH AVAILABLE	WSD West, Münster
LANGUAGES	German
ADDRESS OF RESPONSIBLE AGENCY	see above
REMARKS	On level 4 not compatible with NST/R-FR and NST/R-NL

Example

7290   Mineralische Mehrstoffnährdünger
3210   Benzin

Usage in this standard   CNI/GID/FTX(2)/C108/4440

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8 UNDG

8 UN Dangerous Goods Number (UNDG)

FULL TITLE	UN Recommendations on the Transport of Dangerous Goods Annex "Model Regulations" Part 3 "Dangerous Goods List" Appendix A "List of generic and N.O.S. proper shipping names"
ABBREVIATION	UN Model Regulations; UNDG
ORIGINATING AUTHORITY	UNECE
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
LIMIT OF OPERATIONAL LIFE	
AMENDMENT DATE	
STRUCTURE	2-digit numerical code 1-digit numerical for class 1-digit numerical for division
SUCCINCT DESCRIPTION	The UN recommendations on the Transport of Dangerous Goods adress the following main areas: - List of dangerous goods most commonly carried and their identification and classisfication; - Consignment procedures; - Standards for packagings, test procedures and certification - Standards for multi-modal tank-containers, test procedures and certification.
LINKED CLASSIFICATIONS	IMDG code
USAGE	Transport of dangerous goods
MEDIA THROUGH WHICH AVAILABLE	Transport Division United Nations Economic Commission for Europe Palais des nations CH-1211 Geneve 10 www.unece.org
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	see above
REMARKS	In this standard only the 4-digit UN number is used (not class and division)

Example
1967   Gas sample, non-pressurised, toxic

Usage in this standard   CNI/GID/DGS/C234/7124

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9 IMDG

9 International Maritime Dangerous Goods Code (IMDG)

FULL TITLE	International Maritime Dangerous Goods Code
ABBREVIATION	IMDG Code
ORIGINATING AUTHORITY	International Maritime Organization IMO
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	18. Mai 1965
AMENDMENT DATE	01.01.2001 (30th amendment)
STRUCTURE	2-digit numerical code: 1-digit numerical for class 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
LANGUAGES	Dutch, English, French, German
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	

Example

32   Flammable liquid, not otherwise specified (Ethanol)

Usage in this standard   CNI/GID/DGS/C205/8351

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10 ADNR

10 ADNR

FULL TITLE	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure du Rhin
ABBREVIATION	ADNR
ORIGINATING AUTHORITY	Central Commisssion for the Navigation on the Rhine
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	operational
AMENDMENT DATE	01.01.2003
STRUCTURE	For goods on dry cargo vessel:
	-- UN number
	-- Name of the substance (acc. to table A of part 3 of ADNR)
	-- Class
	-- Danger classification code
	-- Packing group
	-- Hazard Identification placard (label)
	For goods on tank vessels
	-- UN number
	-- Name of substance (acc. to table C of part 3 of ADNR)
	-- Class
	-- Packing group
SUCCINCT DESCRIPITION	
LINKED CLASSIFICATIONS	ADN, ADR
USAGE	Transport of dangerous goods in inland navigation
MEDIA THROUGH WHICH AVAILABLE	www.ccr-zkr.org
LANGUAGES	Dutch, French, German
ADDRESS OF RESPONSIBLE AGENCY	Central Commission for the Navigation on the Rhine, 2, Place de la Republique, F-67082 Strasbourg Cedex
REMARKS	As of 1 January 2003 the ADNR has been modified in such a way that it is at that time compatible with the IMDG code.

Example

for dry cargo vessel: for tank vessel:

1203;   petrol;   3; F1;   III; 3   1203;   petrol;   3; ;III ;

Usage in this standard   CNI/GID/DGS/C205/8078

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11 Country

11 UN Country Code

FULL TITLE	International Standard Codes for the Representation of the Names of Counties
ABBREVIATION	ISO 3166-1
ORIGINATING AUTHORITY	International Organisation for Standardization (ISO)
LEGAL BASIS	UN Recommendation 3 (Codes for the representation of the names of countries)
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT DATE	
STRUCTURE	Two-letter-alpha code (to be used in principle)
	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 independant of the alphabet.
LINKED CLASSIFICATIONS	UN /LOCODE
USAGE	This code is used as one element in the combined location code of this standard
MEDIA THROUGH WHICH AVAILABLE	UNECE www.unece.org/locode
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	see annex 4.3 for combination of elements in the location code

Example
BE   Belgium

Usage in this standard   ERINOT Message:
                                        TDT/C222/8453
                                        NAD(1)/3207
                                        NAD(2)/3207

                                        ERIRSP Message
                                        NAD(1)/3207

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12 Location

12 UN Location Code

FULL TITLE	UN Code for Trade and Transport Locations
ABBREVIATION	UN/LOCODE
ORIGINATING AUTHORITY	UNECE/CEFACT
LEGAL BASIS	UN/ECE Recommendation 16
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT DATE	2001-2
STRUCTURE	ISO 3166-1 country code (alpha 2-digit) followed by a space and a 3-digit-alpha code for the place names (5 digits)
	Place name (a ...29)
	Subdivision ISO 3166-2, optional (a ..3)
	Function, mandatory (an5)
	Remarks, optional (an ..45)
	Geographical coordinates (000N 0000 W , 000 S 00000 E)
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 were 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 of this standard.
MEDIA THROUGH WHICH AVAILABLE	www.unece.org/locode
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	see annex 4.3 for combination of elements in the location code

Example
BE BRU   Belgium Brussel

Usage in this standard   TDT/LOC (1..9)/C517/3225
                                    CNI/LOC(1..2) /C517/3225

See: Proposal:
                                   "Definition of the revised location and terminal code"
                                   by Ministry of Transport and public Works
                                   Traffic and Transport Advisory Service
                                   May 2002

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13 FWY

13 Fairway section code

FULL TITLE	Fairway section code
ABBREVIATION	
ORIGINATING AUTHORITY	National administrations of waterways
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT DATE	
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 a ~~kilometre and~~ hectometre or by the name (code) of a terminal or passage point.
LINKED CLASSIFICATIONS	
USAGE	Numbering of the waterways in a national network. This code is used as one element in the combined location code of this standard.
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	
ADDRESS OF RESPONSIBLE	
REMARKS	see annex 4.3 for combination of elements in the location code

Example
03937   Rhein, Rüdesheimer Fahrwasser
02552   Oude Maas at Dordrecht

Usage in this standard   TDT/LOC/C517/3225
                                     CNI/LOC/C517/3225

See: Proposal:
                                     Definition of the revised location and terminal code
                                     Ministry of Transport and public Works
                                     Traffic and Transport Advisory Service
                                     May 2002

Remark: If there is no fairway code available, the field should be filled in with
                                     zeros

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14 TERM

14 Terminal Code

FULL TITLE	Terminal Code
ABBREVIATION FROM	
ORIGINATING FROM	National waterway authorities
LEGAL BASIS	
CURRENT STATUS	Version 2, April 2000
IMPLEMENTATION DATE	
AMENDMENT DATE	
STRUCTURE	type of terminal (1-digit numeric) number of terminal (5-digit alphanumeric)
SUCCINCT DESCRIPTION	
LINKED CLASSIFICATIONS	
USAGE	This code is used as one element in the combined location code of this standard. See annex 4.2 for combination of elements in the location code
MEDIA THROUGH WHICH AVAILABLE	www.binnenvaart.org/btb/software/software.html
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	See annex 4.3 for combination of elements in the location code

Example
LEUVE   Leuvehaven at Rotterdam, NL

Usage in this standard   TDT/LOC/C517/3225
                                    CNI/LOC/C517/3225

See: Proposal:
                                    Definition of the revised location and terminal code
                                    Ministry of Transport and public Works
                                    Traffic and Transport Advisory Service
                                    May 2002

                                    If there is no terminal code available, the field should be filled in with
Remark 1:   zeros

                                    Each country will be responsible for ist own data. Centrtal distribution
Remark 2:   will be made by Rijkswaterstaat of The Netherlands

                                    At present, a terminal code is maintained by Bureau Telematica for
Remark 3:   Rikswaterstaat

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15 Cont size and type

15 Freight Container size and type code

FULL TITLE	Freight containers - Coding, identification and marking
ABBREVIATION	
ORIGINATING AUTHORITY	International Organisation for Standardisatiom (ISO)
LEGAL BASIS	ISO 6364, chapter 4 and annexes D and E
CURRENT STATUS	operational
IMPLEMENTATION DATE	
AMENDMENT DATE	3rd edition 1995-12-01
STRUCTURE	Container size; two alphanumeric characters(first for lenghth, second for combination of heighth and width) Container type: two characters
SUCCINCT DESCRIPTION	Size and type codes estabished for each sort of containers
LINKED CLASSIFICATIONS	
USAGE	www.iso.ch/iso/en
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	english
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	

Example for size
42   Length: 40 ft.; height: 8 ft. 6 in. ; width: 8 ft.

Example for type
GP   general purpose container
BU   Dry bulk container

Usage in this standard   not used

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16 Cont. ID

16 Container Identification Code

FULL TITLE	Freight containers - Coding, identification and marking
ABBREVIATION	ISO 6346, chapter 3, Annex A
ORIGINATING AUTHORITY	International Organisation for Standardisation
LEGAL BASIS	
CURRENT STATUS	
IMPLEMENTATION DATE	
AMENDMENT DATE	
STRUCTURE	Owner code: Three letters Equipment category identifier: one letter Serial number: six numerals 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	www.iso.ch/iso/en
LANGUAGES	english
ADDRESS OF RESPONSIBLE AGENCY	Bureau International des Conteneurs (BIC), 167 rue de Courcelles, F-75017 Paris, france
REMARKS	

Example
KNL U 471330 8   NEDLLOYD freight container with serial number 471330

Usage in this standard   CNI/GID/DGS/SGP/C237/8260

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17 Pack

17 Package Type

FULL TITLE	Codes for types of cargo, 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 DATE	Trade/CEFACT/2002/24
STRUCTURE	2-character alphanumeric code value Code-value name 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	www.unece.org/cefact
LANGUAGES	English, French, German
ADDRESS OF RESPONSIBLE AGENCY	
REMARKS	The numeric code value is not used in this standard

Example
BG   Bag
BX   Box

Usage in this standard   CNI/GID/C213/7065

Annex 4.1 (to Annex 4, No. 1)
Codes for Types of Means of Transport in Inland Navigation
Recommendation No. 28 of UN/ECE
Extract for Inland Navigation with amendements of the CCNR for usage in the Standard for Electronic Ship Reporting in Inland Navigation
(in italic and underlined letters)

UNITED NATIONS
ECONOMIC COMMISSION FOR EUROPE

CODES FOR TYPES OF MEANS OF TRANSPORT

Inland Navigation

2002-08-26

> This document is work in progress for Inland River Transport.
> The information contained herein may change substantially between drafts.

From RECOMMENDATION No. 28, *second edition*
United Nations Centre for the Trade Facilitation and Electronic Business

General remarks for usage

1   A barge has no propulsion of its own.

2   Until such a time that rebuilding of the vessel or barge takes place, making it necessary to provide a new measurement document, nothing changes in the type or code of the type of means of transport.

3   The present set of codes is considered to contain a subset of the codes provided in UN Recommendation 28. The codes preceded by "No" should not be used in data communication to avoid misunderstandings.

4   Some codes do have a subdivision behind the main code to provide clarity on the type of vessel.

5   There will be special codes for pleasure craft.

6   Abbreviations:

?   *M = Mode of Transport (1 = sea navigation, 8 = inland navigation)*

?   *U = Usage: V = Vessel, C = Combination*

U	M	Code	Subdivision	Name / Description
No	8	00		**Vessel, type unknown** Vessel of unknown type.
V	8	01	0	**Motor freighter** Motorised vessel designed for carrying general cargo.
V	8	02	0	**Motor tanker** Motorised vessel designed for carrying cargo in tanks
V	*8*	*02*	*1*	*Motor tanker, liquid cargo, type N* *Motorised vessel designed for carrying liquid cargo.*
V	*8*	*02*	*2*	*Motor tanker, liquid cargo, type C* *Motorised vessel designed for carrying special chemicals*
V	*8*	*02*	*3*	*Motor tanker, dry cargo* *Motorised vessel designed for carrying dry cargo as if liquid (e.g. cement)*
V	8	03	0	**Container vessel** Vessel designed for carrying containers.
V	8	04	0	**Gas tanker** Vessel with tanks designed for carrying gas.
C	8	05	0	**Motor freighter, tug** Motorised vessel designed for carrying cargo and capable of towing.
C	8	06	0	**Motor tanker, tug** Motorised vessel designed for carrying liquid cargo and capable to tow.
C	8	07	0	**Motor freighter with one or more ships alongside** Motorised vessel designed for carrying general cargo that has one or more vessels alongside.
C	8	08	0	**Motor freighter with tanker** Motorised vessel designed for carrying general cargo alongside a vessel designed for carrying liquid cargo.
C	8	09	0	**Motor freighter pushing one or more freighters** Motorised vessel designed for carrying general cargo, pushing one or more vessels also designed for carrying general cargo.
C	8	10	0	**Motor freighter pushing at least one tank-ship** Motorised vessel designed for carrying general cargo, pushing at least one vessel designed to carry a liquid cargo.
No	8	11		**Tug, freighter** Vessel designed to push or pull another vessel that is also capable of carrying general cargo.
No	8	12		**Tug, tanker** Vessel designed to push or pull another vessel also capable of carrying liquid cargo.
C	8	13	0	**Tug, freighter, coupled** Vessel designed to push or pull another vessel that is also capable of carrying general cargo tied to one or more other vessels.
C	8	14	0	**Tug, freighter/tanker, coupled** Vessel designed to push or pull another vessel that is also capable of carrying either general or liquid cargo tied to one or more other vessels.
V	8	15	0	**Freightbarge** Lighter designed for carrying general cargo.

U	M	Code	Subdivision	Name Description
V	8	16	0	Tankbarge Lighter designed for carrying cargo in tanks
V	*8*	*16*	*1*	*Tankbarge, liquid cargo, type N* *Lighter designed for carrying liquid cargo.*
V	*8*	*16*	*2*	*Tankbarge, liquid cargo, typec* *Lighter designed to carrying special chemicals*
V	*8*	*16*	*3*	*Tankbarge, dry cargo* *Lighter designed for carrying dry cargo as if liquid (e.g. cement)*
V	8	17	0	Freightbarge with containers Lighter designed for carrying containers.
V	8	18	0	Tankbarge, gas Lighter designed for carrying gas.
C	8	21	0	Pushtow, one cargo barge Vessel designed for pushing/towing, facilitating the movement of one cargo barge.
C	8	22	0	Pushtow, two cargo barges Combination designed for pushing/towing, facilitating the movement of two cargo barges
C	8	23	0	Pushtow, three cargo barges Combination designed for pushing/towing, facilitating the movement of three cargo barges
C	8	24	0	Pushtow, four cargo barges Combination designed for pushing/towing, facilitating the movement four cargo barges
C	8	25	0	Pushtow, five cargo barges Combination designed for pushing/towing, facilitating the movement of five cargo barges.
C	8	26	0	Pushtow, six cargo barges Combination designed for pushing/towing, facilitating the movement of six cargo barges.
C	8	27	0	Pushtow, seven cargo barges Combination designed for pushing/towing, facilitating the movement of seven cargo barges.
C	8	28	0	Pushtow, eight cargo barges Combination designed for pushing/towing, facilitating the movement of eight cargo barges.
C	8	29	0	Pushtow, nine cargo barges Combination designed for pushing/towing, facilitating the movement of nine or more cargo barges.
C	8	31	0	Pushtow, one gas/tank barge Combination designed for pushing/towing, moving one tanker or gas barge.
C	8	32	0	Pushtow, two barges at least one tanker or gas barge Combination designed for pushing/towing, moving two barges of which at least one tanker or gas barge.
C	8	33	0	Pushtow, three barges at least one tanker or gasbarge Combination designed for pushing/towing, moving three barges of which at least one is a tanker or gas barge.
C	8	34	0	Pushtow, four barges at least one tanker or gasbarge

U	M	Code	Subdivision	Name Description
				Combination designed for pushing/towing, moving four barges of which at least one tanker or gasbarge.
C	8	35	0	Pushtow, five barges at least one tanker or gasbarge
				Combination designed for pushing/towing, moving five barges of which at least one tanker of gasbarge.
C	8	36	0	Pushtow, six barges at least one tanker or gasbarge
				Combination designed for pushing/towing, moving six barges of which at least one tanker or gasbarge.
C	8	37	0	Pushtow, seven barges at least one tanker or gasbarge
				Combination designed for pushing/towing, moving seven barges of which at least one tanker or gasbarge.
C	8	38	0	Pushtow, eight barges at least one tanker or gasbarge
				Combination designed for pushing/towing, moving eight barges of which at least one tanker or gasbarge.
C	8	39	0	Pushtow, nine or more barges at least one tanker or gasbarge
				Combination designed for pushing/towing, moving nine or more barges of which at least one tanker or gasbarge.
V	8	40	0	Tug, single Vessel designed for pushing another vessel that is the only boat used for a tow.
No	8	41		Tug, one or more tows Vessel designed for pushing another vessel that is involved in one or more concurrent tows.
C	8	42	0	Tug, assisting a vessel or linked combination Vessel designed for pushing another vessel that is assisting one vessel or a combination of vessels or tugs and vessels.
V	8	43	0	Pushboat, single Vessel designed for pushing.
V	8	44	0	Passenger ship, ferry, red cross ship, cruise ship Vessels designed for carrying passengers in general.
V	*8*	*44*	*1*	*Ferry* *Vessel designed for carrying passengers and/or vehicles on regular short voyages.*
V	*8*	*44*	*2*	*Red Cross ship* *Vessel designed for carrying sick and or disabled people*
V	*8*	*44*	*3*	*Cruise ship* *Vessel designed for carrying passengers accommodated on board*
V	*8*	*44*	*4*	*Passenger ship without accommodation* Vessel designed for carrying passengers but without accommodation such as cabins etc.
V	8	45	0	Service vessel, police patrol, port services Vessel designed to perform a specific dedicated service.
V	8	46	0	Vessel, work maintenance craft, floating derrick, cable-ship, buoy-ship, dredge. Vessel designed to perform a specific type of work.
C	8	47	0	Object, towed, not otherwise specified. An object in tow that is not otherwise specified.
V	8	48	0	Fishing boat Vessel designed for fishing.
V	8	49	0	Bunkership

U	M	Code	Subdivision	Name Description
				Vessel designed for carrying and delivering bunkers.
V	8	50	0	Barge, tanker, chemical Vessel designed to carry liquid or bulk chemicals.
C	8	51	0	Object, not otherwise specified. A floating object that is not otherwise specified.

Extra codes for maritime means of transport

U	M	Code	Subdivision	Name Description
V	1	50	0	General Cargo Vessel Maritime Vessel designed to carry general cargo
V	1	51	0	Unit Carrier Maritime Vessel designed to carry containers
V	1	52	0	Bulk Carrier Maritime Vessel designed to carry bulk cargo
V	1	53	0	Tanker Vessel solely equipped with tanks for carrying cargo
V	1	54	0	Liquefied gas tanker Tanker designed to carry liquefied gas
V	1	85	0	Craft, pleasure longer than 20 meters Vessel designed for recreation longer than 20 meters
V	1	90	0	Fast ship Fast all purpose vessel
V	1	91	0	Hydrofoil Vessel with wing-like structure for skimming at high speed
V	1	92	0	Catamaran Fast Fast vessel designed with two parallel hulls

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Vessel and convoy type codes in four languages
following UN /ECE-Recommendation No. 28
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Annex 4.2 (to Annex 4, No. 1)

General remarks for usage

1. A barge has no propulsion of its own
2. Until such a time that rebuilding of the vessel or barge takes place, making it necessary to provide a new measurement document, nothing changes in the type or code of the vessel type
3. The present set of codes is considered to contain a subset of the codes provided in UN Recommendation 28.
4. Some codes do have a subdivision in the fourth digit to provide clarity on the type of vessel
5. There will be special codes for pleasure craft

The first digit in column 1 indicates if vessel or convoy belongs to **inland (8)** or **sea (1) fleet**

*) Naming vessel within a convoy
(A single vessel without barge is also a convoy in this context)
Usage in Annex 3, TDT\C228\8179

**) Vessel within the convoy
(The naming vessel is also included)
Usage in Annex 3, EQD (B)\C224\8155

Code	Usage for Convoy *)	Usage for Vessel **)	English	Dutch	French	German
1	2		3	4	5	6
8010	x	x	Motor freighter	Motorvrachtschip	Automoteur-Porteur	Gütermotorschiff
8020	x	x	Motor tanker	Motortankschip	Automoteur-Citerne	Tankmotorschiff
8021	x	x	Motor tanker, liquid cargo, type N	Motortankschip, vloeibare lading, typ N	Automoteur-Citerne, Typ N	Tankmotorschiff, Flüssigfracht, Typ N
8022	xx		Motor tanker, liquid carg, type C	Motortankschip, vloeibare lading, typ C	Automoteur-Citerne, Typ N	Tankmotorschiff, Flüssigfracht, Typ C
8023	x	x	Motor tanker, dry cargo	Motortankschip, droge lading	Automoteur-Citerne, ...	Tankmotorschiff, Trockenfracht
8030	x	x	Container vessel	Containerschip	Automoteur Porte-Contenieurs	Containerschiff
8040	x	x		Gas-Tankschip	Automoteur-Citerne a gas	Gas-Tankschiff
8050	x	x	Motor freighter, tug	Slepend MVS	Automoteur Remorquant	GMS als Schlepper
8060	x	x	Motor tanker, tug	Slepend MTS	Automoteur-Citerne Remorquant	TMS als Schlepper
8070	x	x	Motor freighter with one or more ships alongside	Breed samenstel, MVS	Formation a couple, Automoteur	Breiter Verband, GMS
8080	x	x	Motor freighter with tanker	Breed samenstel, min. 1 MTS	Formation a couple, min. 1. Citerne	Gekoppelte Fahrzeuge, mind. 1 TMS
8090	x	x	Motor freighter pushing one or more freighters	Lang samenstel, MVS	Convoi, Automoteur-pousseur	Schubverband, GMS
8100	x	x	Motor freighter pushing at least one tank-ship	Lang samenstel, min. 1 MTS	Convoi, 1 Automoteur-pousseur	Schubverband, mind. 1 TMS
8130	x		Tug, freighter, coupled	Gekoppelde Sleep-Vrachtschepen	Bateau de Remorque (E.A.) accouplés	Gekoppelte Schlepp-Güterschiffe

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Code	Usage for Convoy *)	Usage for Vessel **)	English	Dutch	French	German
1	2		3	4	5	6
8140	x		Tug, freighter/tanker, coupled	Gekoppelde Sleep-Sch. min. 1 SL-TS	Bateau de Remorque accouplés, 1 Cit.	Gekoppeltes Schlepp-Schiff, min. 1 Schl.TS
8150		x	Freightbarge	Vrachtduwbak (VDB)	Barge	Güterkahn / Leichter
8160		x	Tankbarge	Tankduwbak (TDB)	Barge-Citerne	Tankkahn / Tankleichter
8161		x	Tankbarge, liquid cargo, type N	Tankduwbak (TDB), vloeibare lading, typ N	Barge-Citerne, liquide, typ N.	Tankkahn / Tankleichter (TSL), Flüssigfracht, Typ N
8162		x	Tankbarge, liquid cargo, type C	Tankduwbak (TDB), vloeibare lading, typ C	Barge-Citerne, liquide, typ .C.	Tankkahn / Tankleichter, Flüssigfracht, Typ C
8163		x	Tankbarge, dry cargo	Tankduwbak (TDB), droge lading	Barge-Citerne, seche	Tankkahn / Tankleichter, Trockenfracht
8170		x	Freightbarge with containers	Vrachtduwbak met Containers	Barge Porte-Conteneurs	Tankkahn / Tankleichter mit Containern
8180		x	Tankbarge, gas	Gas-Tankduwbak (GTDB)	Barge-Citerne a gaz	Tankkahn / Tankleichter für Gas(GTSL)
8210	x		Pushtow, one cargo barge	Duwboot met 1 Vrachtduwbak	Pousseur, 1 Barge	Schubschiff mit 1 Güterschubleichter
8220	x		Pushtow, two cargo barges	Duwboot met 2 Vrachtduwbakken	Pousseur, 2 Barges	Schubschiff mit 2 Güterschubleichtern
8230	x		Pushtow, three cargo barges	Duwboot met 3 Vrachtduwbakken	Pousseur, 3 Barges	Schubschiff mit 3 Güterschubleichtern
8240	x		Pushtow, four cargo barges	Duwboot met 4 Vrachtduwbakken	Pousseur, 4 Barges	Schubschiff mit 4 Güterschubleichtern
8250	x		Pushtow, five cargo barges	Duwboot met 5 Vrachtduwbakken	Pousseur, 5 Barges	Schubschiff mit 5 Güterschubleichtern
8260	x		Pushtow, six cargo barges	Duwboot met 6 Vrachtduwbakken	Pousseur, 6 Barges	Schubschiff mit 6 Güterschubleichtern
8270	x		Pushtow, seven cargo barges	Duwboot met 7 Vrachtduwbakken	Pousseur, 7 Barges	Schubschiff mit 7 Güterschubleichtern
8280	x		Pushtow, eight cargo barges	Duwboot met 8 Vrachtduwbakken	Pousseur, 8 Barges	Schubschiff mit 8 Güterschubleichtern
8290	x		Pushtow, nine cargo barges	Duwboot meer dan 8 VRDB	Pousseur, > 8 Barges	Schubschiff mit mehr als 8 Güterschubleichtern
8310	x		Pushtow, one gas/tank barge	Duwboot 1 (G) TDB	Pousseur, 1 Barge-Citerne (G)	Schubschiff mit 1 TSL
8320	x		Pushtow, two barges at least one tanker or gas barge	Duwboot 2 DB - 1 (G) TDB	Pousseur, 2 Barges - 1 Cit. (G)	Schubschiff mit 2 SL - 1 TSL
8330	x		Pushtow, three barges at least one tanker or gasbarge	Duwboot 3 DB - min. 1 (G) TDB	Pousseur, 3 Barges - min. 1 Cit. (G)	Schubschiff mit 3 SL - min. 1 TSL
8340	x		Pushtow, four barges at least one tanker or gasbarge	Duwboot 4 DB - min. 1 (G) TDB	Pousseur, 4 Barges - min. 1 Cit. (G)	Schubschiff mit 4 SL - min. 1 TSL
8350	x		Pushtow, five barges at least one tanker or gasbarge	Duwboot 5 DB - min. 1 (G) TDB	Pousseur, 5 Barges - min. 1 Cit. (G)	Schubschiff mit 5 SL - min. 1 TSL
8360	x		Pushtow, six barges at least one tanker or gasbarge	Duwboot 6 DB - min. 1 (G) TDB	Pousseur, 6 Barges - min. 1 Cit. (G)	Schubschiff mit 6 SL - min. 1 TSL
8370	x		Pushtow, seven barges at least one tanker or gasbarge	Duwboot 7 DB - min. 1 (G) TDB	Pousseur, 7 Barges - min. 1 Cit. (G)	Schubschiff mit 7 SL - min. 1 TSL
8380	x		Pushtow, eight barges at least one tanker or gasbarge	Duwboot 8 DB - min. 1 (G) TDB	Pousseur, 8 Barges - min. 1 Cit. (G)	Schubschiff mit 8 SL - min. 1 TSL
8390	x		Pushtow, nine or more barges at least one tanker or gasbarge	Duwboot > 8 DB - min. 1 (G) TDB	Pousseur > 8 Barges - min. 1 Cit. (G)	Schubschiff mit >8 SL - min. 1 TSL
8400	x	x	Tug, single	Sleepboot Losvarend	Remorqueur seul	Schlepper

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Code	Usage for Convoy *)	Usage for Vessel **)	English	Dutch	French	German
1	2		3	4	5	6
8420	x	x	Tug, assisting a vessel or linked combination	Sleepboot Assisterend	Remorqueur de manoeuvre	Schlepper assistierend
8430	x	x	Pushboat, single	Duwboot losvarend	Pousseur seul	Schubschiff
8440	x	x	Passenger ship, ferry, red cross ship, cruise ship	Passagierschip Binnenvaart	Bateau a passagers	Fahrgastschiff
8441	x	x	Ferry	Veerboot	Bateau a passagers	Fähre
8443	x	x	Cruise ship	Cruise schip	Beateau de croisiere	Kabinenschiff
8444	x	x	Passenger ship without accomodation on board	Passagierschip zonder accomodatie aan boord	Bateau au passager	Personen-Ausflugsschiff
8450	x	x	Service vessel, police patrol, port services	Dienstvaartuig	Bateau de service	Dienstfahrzeug
8460	x	x	Vessel, work maintenance craft, floating derrick, cable-ship, bouy-ship, dredge	Werkvaartuig	Bateau atelier	Arbeitsfahrzeug
8470		x	Object, towed, not otherwise specified	Gesleept object	Batiment remorqué	Geschlepptes Objekt
8490	x	x	Bunkership	Bunkerschip		Bunkerboot
8500		x	Barge, tanker, chemical	Duwbak, chemisch	Bateau de ravitaillement	Tankleichter, chemische Stoffe
8510		x	Object, not otherwise specified	Niet nader gespecificeerd object		Objekt, nicht näher bezeichnet
1500	x	x	General cargo vessel (Maritime)	Vrachtschip (Zee)	Porteur (Haute Mer)	Frachtschiff (See)
1510	x	x	Unit carrier (Maritime)	Containerschip (Zee)	Pore-Conteneurs (Haute Mer)	Containerschiff (See)
1520	x	x	Bulk carrier (Maritime)	Bulkcarrier (Zee)	Porteur en bloc (Haute Mer)	Massengutschiff (See)
1530	x	x	Tanker (Maritime)	Tanker (Geen Gas) (Zee)	Citerne (Pas de gaz) (Haute Mer)	Tankschiff (kein Gas) (See)
1540	x	x	Liquefied gas tanker	Gastanker (Zee)	Bateau citerne a gaz (Haute Mer)	Seegehendes Gas-Tankschiff (See)
1850	x	x	Craft, pleasure, longer than 20 metres	Grote Recreatievaart > 20 m	Bateau de plaisance > 20 m	Sportboot > 20 m (See)
1900	x	x	Fast ship	Snel vaartuig	Bateau rapide	Schnelles Schiff
1910	x	x	Hydrofoil	Draagvleugelboot	Bateau rapide	Tragflügelschiff
1920	x	x	Catamaran, Fast	Snelle catamaran	Bateau rapide	Katamaran, schnell

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Examples for the combination of elements in the location code

Annex 4.3
(to Annex 4, No. 11 - 14)

ISRS 1.0-04.3.eng.xls
28.05.03
Edition 1.0

Data Elements

The full Location Code has the following elements:

    1 UN Country code (2 digits)
    2 UN Location code (3 digits)
    3 Fairway section No. (5 digits)
    4 Terminal code or passage point code (5 digits)
    5 Fairway section hectometre (5 digits), in the database treated as an attribute to the fairway section number

The location must be given unique which can happen in different ways depending on the purpose of reporting and the local situation.

Examples

Purpose	Example		Used Elements					Code				
			1 UN Country code	2 UN Location code	3 Fairway section number	4 Terminal code	5 Fairway hectometre	1	2	3	4	5
	No.	Full Text										
Transport notice, invoice declaration												
	Place of departure/destination											
	1	Germany; Mainz; Rhine; Frankenbach; ;	x	x	x	x		DE	MAI	03901	00FRB	00000
	2	The Netherlands; Rotterdam; Section 2552 (Oude Maas); Leuvehaven; ;	x	x	x	x		NL	RTM	02552	LEUVE	00000
	3	The Netherlands; ;Section 2552 (Oude Maas); ; km 2,2	x		x		x	NL	XXX	05552	00000	00022
	4	Germany; ; Rhine; ; km 502.3	x		x		x	DE	XXX	03900	00000	05023
Traffic notice												
	Passage Point											
	5	Germany; ; Rhine; ;km 502.3	x		x		x	DE	XXX	03900	00000	05023
	6	Germany;Oberwesel; Rhine; Traffic centre; ;	x	x	x	x		DE	OWE	03901	TRACE	00000
	7	Germany; Trier; Mose; lock; ;	x	x	x	x		De	TRI	03201	LOCK	00000