ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on Inland Water Transport

Appendices to the International Standard for Electronic Ship Reporting in Inland Navigation

Resolution No. 79

Revision 1

UNITED NATIONS

GENEVA, 2021

Note

The present document contains appendices 1–4 to the International Standard for Electronic Ship Reporting in Inland Navigation (annex to resolution No. 79, revised), adopted by the Working Party on Inland Water Transport at its sixty-fourth session (7–9 October 2020) as resolution No. 101. They are based on the International Standard for Electronic Ship Reporting in Inland Navigation published in Commission Implementing Regulation (EU) 2019/1744 of 17 September 2019 on technical specifications for electronic ship reporting in inland navigation and repealing Regulation (EU) No 164/2010.

The appendices are available in English and French only.

Appendices to the International Standard for Electronic Ship Reporting in Inland Navigation

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Appendix 1

(Dangerous) Goods Reporting (IFTDGN) — ERINOT

1. ERI Notification Message

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

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

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

1.1 Field of application

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

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

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

1.2 Principles

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

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

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

However all vessels are invited to report electronically to the competent authorities whenever possible. Where available, this may be done through a Single Window[1] to come to the envisioned reduction of procedures.

[1] UN/CEFACT Recommendation No. 33, Recommendation and Guidelines on establishing a Single Window.

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

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

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

1.3 Segment index (alphabetical sequence by tag)

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

1.4 Segment table

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

Pos	*Tag*	*Name*	*S*	*R*
0010	UNH	Message header	M	1
0020	BGM	Beginning of message	M	1
0040	FTX	Free text	C	3
0050	HAN	Handling instructions	D [1]	1
0060		Segment Group 1	C	3
0070	REF	Reference	M	1

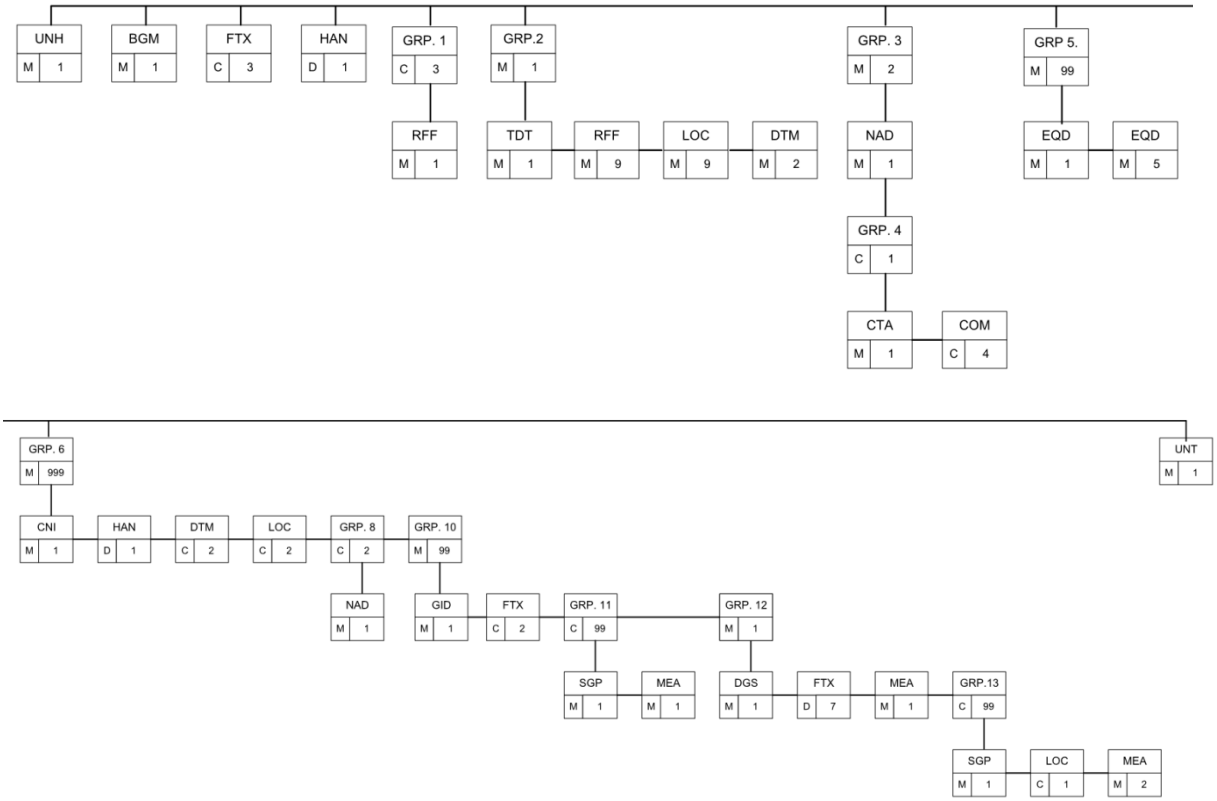
Pos	*Tag*	*Name*	*S*	*R*
0090		Segment Group 2	M	1
0100	TDT	Details of transport	M	1
0110	RFF	Reference	M	9
0120	LOC	Place/location identification	M	9
0130	DTM	Date/time/period	M	2
0140		Segment Group 3	M	2
0150	NAD	Name and address	M	1
0160		Segment Group 4	C	1
0170	CTA	Contact information	M	1
0180	COM	Communication contact	C	4
0190		Segment Group 5	M	99
0200	EQD	Equipment details	M	1
0210	MEA	Measurements	M	5
0220		Segment Group 6	M	999
0230	CNI	Consignment information	M	1
0240	HAN	Handling instructions	D [1]	1
0250	DTM	Date/time/period	C	2
0260	LOC	Place/location identification	C	2
0300		Segment Group 8	C	2
0310	NAD	Name and address	M	1
0360		Segment Group 10	M	99
0370	GID	Goods item details	M	1
0380	FTX	Free text	C	2
0400		Segment Group 11	C	99
0410	SGP	Split goods placement	M	1
0420	MEA	Measurements	M	1
0430		Segment Group 12	M	1
0440	DGS	Dangerous goods	M	1
0450	FTX	Free text	D[5]	7
4600	MEA	Measurements	M	1
4700	LOC	Place/location identification	C	0
0480	RFF	Reference	C	0

Pos	*Tag*	*Name*	*S*	*R*
0490		Segment Group 13	C	99
0500	SGP	Split goods placement	M	1
0510	LOC	Place/location identification	C	1
0520	MEA	Measurements	D[6]	2
0530	UNT	Message trailer	M	1

Business rules

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

1.5 Branching diagram (ERI notification message)



2. ERINOT message structure

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

Table 1
ERI notification message ERINOT

Segment Group	*Segment* *Composite data element (C)* *Data element* *TAG*	*Level*	*Status*	*Format*	*Name*	*Description* *Qualifiers in quotation 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 level A
		0002	M	n1	Syntax version number	‘2’
	S002		M		INTERCHANGE SENDER	

1	2	3	4	5	6	7
		0004	M	an..35 (an25)	Sender identification	Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post
		0007	C	an..4	Partner identification code qualifier	n.a.
		0008	C	an..14	Address for reverse routing	n.a.
	S003		M		INTERCHANGE RECIPIENT	
		0010	M	an..35 (an25)	Recipient identification	Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post
		0007	C	an..4	Partner identification code qualifier	n.a.
		0014	C	an..14	Routing address	n.a.
	S004		M		DATE/TIME OF PREPARATION	
		0017	M	n6	Date	Generation date, YYMMDD
		0019	M	n4	Time	Generation time, HHMM
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number
	S005				RECIPIENTS REFERENCE, PASSWORD	n.a
		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 requests acknowledgement, i.e. UNB and UNZ segments received and identified
	0032			an..35	Communications agreement id	n.a.
	0035		C	n1	Test indicator	‘1’ = The interchange relates to a test message

1	2	3	4	5	6	7
	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	'ERI13', ERI Version 1.3
	0068		O	an..35	Common access reference	This unique reference code is meant to have a common denominator for all messages for the same voyage
	S010				STATUS OF THE TRANSFER	n.a.
		0070		n..2	Sequence of transfers	n.a.
		0073		a1	First and last transfer	n.a.
	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 (also see section 0)
		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	

1	2	3	4	5	6	7
		1004	M	an..35 (an15)	Document identifier	Message reference number. This number shall be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number shall be used. The transitional system shall in this case not generate another message reference number
		1056		an..9	Version	n.a.
		1060		an..6	Revision number	n.a.
	1225		M	an..3	Message function code	*Function* of message: '1' = cancellation message '9' = new message, (original) '5' = modification message '22' = Final transmission (End of voyage) '150' = Interruption of voyage '151' = Restart of voyage
	4343		C	an..3	Response type code	AQ
	FTX (1)	0	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	M	an.. 70 (n4)	Free text	Total number of persons on board (If the total number of persons is not known or indicated, this field shall be filled with'9999')

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

1	2	3	4	5	6	7
	4453			an..3	Free text function code	n.a.
	C107		M		TEXT REFERENCE	Text identification
		4441	M	an..17	Free text identification	‘CAM’ mistake in notification ‘CAO’ transport does not take place ‘CAV’ the main transport destination has changed ‘CHD’ the time of arrival has changed
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C108		M			Text
		4440	M	an..70	Free text	Free description of the reason
		4440	C	an..70	Free text	Free text for further explanation
		4440	C	an..70	Free text	Free text for further explanation
		4440	C	an..70	Free text	Free text for further explanation
		4440	C	an..70	Free text	Free text for further explanation
	3453			an..3	Language, coded	n.a.
	4447			an..3	Text formatting, coded	n.a.
	HAN(1)	0	D[6]			
	C524		M		HANDLING INSTRUCTIONS	
		4079	M	an..3	Handling instructions, coded	Default ‘T’ T = Transit LLO = Loading LDI = Unloading TSP = Transit in the same port
		1131			Code list qualifier	n.a.
		3055			Code list responsible agency, coded	n.a.
		4078			Handling instructions	n.a.
	C218				HAZARDOUS MATERIAL	n.a.
		7419			Hazardous material class code, identification	n.a.
		1131			Code list qualifier	n.a.

1	2	3	4	5	6	7
		3055			Code list responsible agency, coded	n.a.
		7418			Hazardous material class	n.a.
GRP 1	**RFF (1)**	1	C		*REFERENCE*	Reference to the message for which the current message is a *replacement*. Mandatory if the message is a modification or a cancellation message
	C506		M		REFERENCE	
		1153	M	an..3	Reference qualifier	'ACW' for reference number to previous message
		1154	M	an..35 (an15)	Reference number	Message reference number from BGM, TAG 1004 of the message this message replaces
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
GRP 1	**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		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
GRP 1	**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 shall be known at the receiving party
		1156		an..6	Line number	n.a.

1	2	3	4	5	6	7
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
GRP 2	**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/CEFACT Recommendation 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 Recommendation 28, see Annex Part II, Chapter 2.3.1
		8178		an..17	Type of means of transport	n.a.
	C040				CARRIER	n.a.
		3127		an..17	Carrier identification	n.a.
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3128		an..35	Carrier name	n.a.
	8101			an..3	Transit direction, coded	n.a.
	C401				EXCESS TRANSPORTATION INFORMATION	
		8457		an..3	Excess transportation reason	n.a.
		8459		an..3	Excess transportation responsibility	n.a.
		7130		an..17	Customer authorisation number	n.a.
	C222		M		TRANSPORT IDENTIFICATION	

1	2	3	4	5	6	7
		8213	M	an..9 (an7..8)	ID. of means of transport identification	Vessel *number*: 7 digits for IMO indication or unique European vessel identification number (ENI)
		1131	M	an..3	Code list qualifier	'IMO' for an IMO-number, see Annex Part II, Chapter 2.3.2 'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3
		3055		an..3	Code list responsible agency	n.a.
		8212	M	an..35	Id. of the means of transport	*Name of the ship*; If the name results in more than 35 positions, the name of the vessel is shortened
		8453	M	an..3	Nationality of means of transport	ISO two-alpha country code 3166-1, see Annex Part II, Chapter 2.3.8. If the nationality of the means of transport is not known, the 3-digit code of the competent authority which issued the European vessel identification number shall be used.
	8281			an..3	Transport ownership	n.a.
TDT	**RFF (1)**	1	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 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)**	1	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.

1	2	3	4	5	6	7
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
TDT	**RFF (3)**	1	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 (If due to legal restriction this data cannot be submitted, the value of this field shall be '9999')
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
TDT	**RFF (4)**	1	C		*REFERENCE*	Dimensions of the transport, *height*
	C506		M		REFERENCE	
		1153	M	an..3	Reference qualifier	'HGT'
		1154	M	an..35 (n..4)	Reference number	Height of the convoy above the waterline in centimetres
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
TDT	**RFF (5)**	1	M		*REFERENCE*	Dimensions of the transport, *tonnage*
	C506		M		REFERENCE	Reference
		1153	M	an..3	Reference qualifier	'TON'
		1154	M	an..35 (n..6)	Reference number	Maximum capacity of the convoy in metric tonnes
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
TDT	**RFF (6)**	1	C		*REFERENCE*	*National voyage reference, Belgium, France, Germany*
	C506		M		REFERENCE	Reference

1	2	3	4	5	6	7
		1153	M	an..3	Reference qualifier	‘GNB’ = Belgium ‘GNF’= France ‘GNG’ = Germany ‘GN1’ = reserved
		1154	M	an..35	Reference number	Government reference of Belgium
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
TDT	**RFF (7)**	1	C		*REFERENCE*	*LNG installation indicator*
	C506		M		REFERENCE	Reference
		1153	M	an..3	Reference qualifier	‘LNG’
		1154	M	an..35 (an1)	Reference number	‘Y’ = Yes
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
TDT	**LOC (1)**	1	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/CEFACT location code (Recommendation 16), see Annex Part II, Chapter 2.3.9
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..70 (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 Part II, Chapter 2.3.11
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal

1	2	3	4	5	6	7
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (2)**	1	C		*PLACE/LOCATION IDENTIFICATION*	*Passage point that has already been passed* by the ship. This segment and the TDT/DTM(2) segment with qualifier 186 are mandatory for passage reports
	3227		M	an..3	Place/location qualifier	'172' for passage point
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..25 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16) of the passage point (lock, bridge, traffic centre), see Annex Part II, Chapter 2.3.9
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..70 (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 Part II, Chapter 2.3.10

1	2	3	4	5	6	7
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (3)**	1	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/CEFACT location code (Recommendation 16) of the passage point (lock, bridge, VTS centre), see Annex Part II, Chapter 2.3.9
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..70 (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 Part II, Chapter 2.3.10
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.

1	2	3	4	5	6	7
TDT	**LOC (4..8)**	1	C		*PLACE/LOCATION IDENTIFICATION*	*Further future passage points* (information on intended route). At most five intermediate points on the route may be given. The order of passage shall be the order within the message.
	3227		M	an..3	Place/location qualifier	'92' for routing
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..25 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16) of the passage point (lock, bridge, traffic centre), see Annex Part II, Chapter 2.3.9
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..17	Place/location	Full name of the passage point
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
		3223	M	an..25 (an..5)	Related place/location one identification	Passage point code
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	C	an..70	Passage datetime	YYMMDDHHMM as '201' of DTM 2379
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT	**LOC (9)**	1	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

1	2	3	4	5	6	7
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..25 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16) of the port, see Annex Part II, Chapter 2.3.9
		1131		an..3	Code list qualifier	n.a.
		3055		an 3	Code list responsible agency	n.a.
		3224	C	an..70 (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 Part II, Chapter 2.3.11
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT/ LOC(1)	**DTM (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/ LOC(2)	**DTM (2)**	2	C		DATE/TIME/ PERIOD	Passage time, as recorded by the traffic centre

1	2	3	4	5	6	7
	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/ LOC(9)	**DTM (3)**	2	C		*DATE/TIME/PERIOD*	*Estimated time of arrival at port of destination*
	C507		M		DATE/TIME/PERIOD	
		2005	M	an..3	Date or time or period function code qualifier	'132' for arrival time, estimated
		2380	M	an..35	Date or time period value	Value of arrival time: YYMMDDHHMM
		2379	M	an..3	Date or time or period format code	'201' for YYMMDDHHMM
GRP 3	**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 DETAILS	
		3039	M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'.
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		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.

1	2	3	4	5	6	7
		3045		an..3	Party name format, coded	n.a.
	C059		C		STREET	
		3042	M	an..35	Street and number/PO box	Street and number or post office box
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
	3164		C	an..35	City name	City
	3229			an..9	Country sub-entity identification	n.a.
	3251		C	an..9	Postcode identification	Postal identification code
	3207		C	an..3	Country	ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8
GRP 4 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**	2	C		*COMMUNICATION CONTACT*	Sender communication contact details (maximum 4 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 *or* e-mail address for NAD 1 is mandatory if a response in the form of an ERIRSP message is requested for. If no response is requested,

1	2	3	4	5	6	7
						the EDI number and e-mail address is not to be used)
NAD	**NAD (2)**	1	C		*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 DETAILS	
		3039	M	an..35	Party identification	Identification code. For notifications to the Port of Rotterdam this element is mandatory. ERI fills this element with '900000000'
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
		3036	M	an..35	Party name	Sender name.
		3036	C	an..35 (an..25)	Invoice number	Invoice number of the agent/invoicee
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3045		an..3	Party name format, coded	n.a.
	C059		C		STREET	Street
		3042	M	an..35	Street and number/PO box	Address (street name + number or post office box number)
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
	3164		C	an..35	City name	City

1	2	3	4	5	6	7
	3229			an..9	Country sub-entity identification	n.a.
	3251		C	an..9	Postcode identification	Postal code
	3207		C	an..3	Country	ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8
GRP 5	**EQD (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 IMO indication or 8 digits for unique European vessel identification number (ENI)
		1131	M	an..3	Code list qualifier	'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2 'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3
		3055		an..3	Code list responsible agency	n.a.
		3207		an..3	Country	n.a.
	C224		M		EQUIPMENT SIZE AND TYPE	
		8155	M	an..10 (an..4)	Equipment size and type identification, *vessel type*	Code for ship and convoy types of means of transport from UN/CEFACT Recommendation 28, see Annex Part II, Chapter 2.3.1
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		8154	M	an..35	Equipment size and type	*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.

1	2	3	4	5	6	7
	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 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 IMO indication, 8 digits for unique European vessel identification number
		1131	M	an..3	Code list qualifier	'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2 'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3
		3055		an..3	Code list responsible agency	n.a.
		3207		an..3	Country	n.a.
	C224		M		EQUIPMENT SIZE AND TYPE	
		8155	M	an..10 (an..4)	Equipment size and type identification, *vessel type*	Code for ship and convoy types of means of transport from UN/CEFACT Recommendation 28, see Annex Part II, Chapter 2.3.1
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		8154	M	an..35	Equipment size and type	*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.

1	2	3	4	5	6	7
EQD	**MEA (1)**	1	M		*MEASUREMENTS*	*Vessel length*
	6311		M	an..3	Measurement purpose qualifier	'DIM' for dimension
	C502				MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'LEN' for length
		6321		an..3	Measurement significance	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'CMT' for centimetre (UN/CEFACT Recommendation 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)**	1	M		*MEASUREMENTS*	*Vessel width*
	6311		M	an..3	Measurement purpose code qualifier	'DIM' for dimension
	C502				MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'WID' for width
		6321		an..3	Measurement significance	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'CMT' for centimetre (UN/CEFACT Recommendation 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.
EQD	**MEA (3)**	1	M		*MEASUREMENTS*	*Vessel draught*

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

1	2	3	4	5	6	7
	7383			an..3	Surface/layer indicator	n.a.
GRP 5	**EQD (1..15)**	1	D [USE 2]		*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 (an5)	Equipment size and type identification	Container *range*: 'RNG20' for containers having a length between 20 and 29 feet 'RNG30' for containers having a length between 30 and 39 feet 'RNG40' for containers having a length of 40 feet or more
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		8154		an..35	Equipment size and type	n.a.
	8077			an..3	Equipment supplier	n.a.
	8249			an..3	Equipment status	n.a.
	8169		M	an..3	Full/empty indicator	Container *status*: '5' for loaded, '4' for empty, '6' for no volume available
EQD	**MEA (5)**	1	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.

1	2	3	4	5	6	7
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'NUM' for number (see UN/CEFACT Recommendation 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.
GRP 6	**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	**HAN(1)**	1	D[1]			
	C524		M		HANDLING INSTRUCTIONS	
		4079	M		Handling instructions, coded	Default 'T' T = Transit LLO = Loading LDI = Unloading TSP = Transit in the same port

1	2	3	4	5	6	7
		1131			Code list qualifier	n.a.
		3055			Code list responsible agency, coded	n.a.
		4078			Handling instructions	n.a.
	C218				HAZARDOUS MATERIAL	n.a.
		7419			Hazardous material class code, identification	n.a.
		1131			Code list qualifier	n.a.
		3055			Code list responsible agency, coded	n.a.
		7418			Hazardous material class	n.a.
CNI	**DTM (1)**	1	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)**	1	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)**	1	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/CEFACT location code (Recommendation 16), of the loading place, see Annex Part II, Chapter 2.3.9
		1131		an..3	Code list qualifier	n.a.

1	2	3	4	5	6	7
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..70 (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 Part II, Chapter 2.3.11
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70 (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 Part II, Chapter 2.3.10
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
CNI	**LOC (2)**	1	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/CEFACT location code (Recommendation 16), see Annex Part II, Chapter 2.3.9
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..70 (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 Part II, Chapter 2.3.11

1	2	3	4	5	6	7
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D[1]	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 Part II, Chapter 2.3.10
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an.. 5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
GRP 8 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		M		NAME AND ADDRESS	
		3124	M	an..35	Name and address line	Name of the Sender
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
		3036	M	an..35	Party name	Ship from name
		3036	C	an..35 (an..25)	Party name	Invoice number
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3045		an..3	Party name format, coded	n.a.
	C059		O		STREET	Street

1	2	3	4	5	6	7
		3042		an..35	Street and number or post office box	Address (street name and number or post office box number)
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
	3164		C	an..35	City name	City
	3229			an..9	Country sub-entity identification	n.a.
	3251		C	an..9	Postcode identification	Postal Code
	3207		C	an..3	Country	ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8
CNI/ NAD	**NAD (2)**	2	C		*NAME AND ADDRESS*	*Cargo receiver* name
	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		M		NAME AND ADDRESS	
		3124	M	an..35	Name and address line	Name of the recipient.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
		3036	M	an..35	Party name	Ship to name
		3036	C	an..35 (an..25)	Party name	Invoice number
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3045		an..3	Party name format, coded	n.a.
	C059				STREET	Street

1	2	3	4	5	6	7
		3042		an..35	Street and number/PO box	Address (street name and number or post office box number)
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
	3164		M	an..35	City name	City
	3229			an..9	Country sub-entity identification	n.a.
	3251			an..9	Postcode identification	Postal Code
	3207			an..3	Country	ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8
CNI	**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 group
	C213		C		NUMBER AND TYPE OF PACKAGES	
		7224	C	n..8	Number of packages	For containers and tanks the default value is ‘1’
		7065	C	an..17	Type of packages identification	see Annex Part II, Chapter 2.3.14
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		7064		an..35	Type of packages	n.a.
		7233		an..3	Packaging related information, coded	n.a.
	C213				NUMBER AND TYPE OF PACKAGES	n.a.
		7224		n..8	Number of packages	n.a.
		7065		an..17	Type of packages identification	n.a.
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		7064		an..35	Type of packages	n.a.
		7233		an..3	Packaging related information	n.a.
	C213		C		NUMBER AND TYPE OF PACKAGES	

1	2	3	4	5	6	7
		7224	M	n..8	Number of packages	Number of inner *packages*
		7065	M	an..17 (a2)	Type of packages identification	UN/CEFACT recommendation No 21, see Annex Part II, Chapter 2.3.14
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		7064		an..35	Type of packages	n.a.
		7233		an..3	Packaging related information	n.a.
GRP 10 CNI/GID	**FTX (1)**	2	C		*FREE TEXT*	*Extra goods information*
	4451		M	an..3	Text subject code qualifier	'ACB' for additional information
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
		4441		an..17	Free text identification	n.a.
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C108		M		TEXT LITERAL	
		4440	M	an..70 (an1)	Free text	*type of good:* 'D' for Dangerous 'N' for Non-dangerous
		4440	C	an..70 (n6..10)	Free text	*HS code*, may be left blank if unknown and/ good is dangerous, see chapter 2.6 of this Appendix
		4440	C	an..70 (a..4)	Free text	Customs status: 'C' = European Union goods 'F' = European Union goods from non-fiscal area 'N' = All other goods
		4440	C	an..70 (an..35)	Free text	Customs document reference *number* if any
		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.

1	2	3	4	5	6	7
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				n.a.
		4440	D [USE 3]	an..70 (n6..10)	Free text	*HS code* of the non-dangerous cargo, see Annex Part II, Chapter 2.3.4
		4440	D [USE 3]	an..70 (n4)	Free text	NST code of the non-dangerous cargo, see Annex Part II, Chapter 2.3.5
		4440		an..70	Free text	n.a.
	3453			an..3	Language, coded	n.a.
	4447			an..3	Text formatting	n.a.
GRP 11 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 (an7..8)	Equipment identification number	*Ship number: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)*
		1131	M	an..3	Code list qualifier	'IMO' for an IMO number, see Annex Part II, Chapter 2.3.2 'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3
		3055		an..3	Code list responsible agency	n.a.
		3207		an..3	Country	n.a.
	7224			n..8	Number of packages	n.a.

1	2	3	4	5	6	7
CNI/GID/ SGP	**MEA**	3	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/CEFACT Recommendation 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/ SGP	**MEA**	3	C		*MEASUREMENTS*	*Specification of the tonnage of a non-dangerous good on board the vessel*
	6311		M	an..3	Measurement purpose qualifier	'VOL' for volume
	C502		M		MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'AAX' The observed volume after adjustment for factors such as temperature or gravity
		6321		an..3	Measurement significance	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'TNE' for metric ton (UN/CEFACT Recommendation 20)

1	2	3	4	5	6	7
		6314	M	an..18 (n9)	Measurement value	Tonnage
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		an..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
GRP 12 CNI/GID	**DGS**	3	M		*DANGEROUS GOODS*	*Dangerous goods identification*
	8273		M	an..3	Dangerous goods regulations	'ADN' for inland vessels (ADN Code) 'IMD' for sea going vessels (IMO IMDG code)
	C205		M		HAZARD CODE	
		8351	D[USE 5]	an..7	Hazard code identification	*ADN* Classification *(Column 3a) , or IMDG code*, see Annex Part II, Chapter 2.3.7 or 2.3.6
		8078	D[USE 5]	an..7	Additional hazard classification identifier	ADN Classification (Column 3b), see Annex Part II, Chapter 2.3.7
		8092		an..10	Hazard code version number	n.a.
	C234		M		UNDG INFORMATION	
		7124	M	n4	UNDG number	UN number or identification number (Column 1) (UNNR code), see Annex Part II, Chapter 2.3.7, or IMDG number , see Chapter 2.3.6
		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		C	an..3	Packing group	Packing group (column 4) '1' for great danger '2' for medium danger '3' for minor danger Empty if not available
	8364		C	an..6	EMS number	Emergency procedures
	8410		C	an..4	MFAG number	Medical first aid guide
	8126			an..10	TREM card number	n.a.

1	2	3	4	5	6	7
	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 ADN
		8186	M	an..4	Substance identification number, lower part	see ADN
	C236		D [USE 5]		DANGEROUS GOODS LABEL	Dangerous labels .
		8246	M	an..4	Dangerous goods label marking	ADN Labels, (Column 5)
		8246		an..4	Dangerous goods label marking	n.a.
		8246		an..4	Dangerous goods label marking	n.a.
	8255			an..3	Packing instruction	n.a.
	8325			an..3	Category of means of transport	n.a.
	8211			an..3	Permission for transport	n.a.
CNI/GID/ DGS	**FTX (1)**	3	M		*FREE TEXT*	*Dangerous good description*
	4451		M	an..3	Text subject code qualifier	'AAD' for dangerous goods, proper shipping name and *technical* name
	4453			an..3	Free text function code	n.a.
	C107		D [USE 5]		TEXT REFERENCE	*GOODS HAZARD LIMITED QUANTITIES INDICATOR*
		4441	M	an..17	Free text identification	*'TLQ' Transport of dangerous goods in limited quantities*
		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	Name of dangerous good (*proper shipping* name) *Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature*

1	2	3	4	5	6	7
		4440	D [USE 5]	an..70	Free text value	Correct Technical Name
		4440		an..70	Free text	n.a.
		4440		an..70	Free text	n.a.
		4440		an..70	Free text	n.a.
	3453		M	an..3	Language	as specified in ISO 639-1
	4447			an..3	Text formatting	n.a.
CNI/GID/ DGS						
CNI/GID/ DGS	**MEA**	3	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/CEFACT Recommendation 20)
		6314	M	an..18 (n9)	Measurement value	Weight of the dangerous good in the consignment
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
CNI/GID/ DGS	**MEA**	3	M		*MEASUREMENTS*	*Total volume of the dangerous good within a transport*
	6311		M	an..3	Measurement purpose qualifier	'VOL' for weights
	C502		M		MEASUREMENT DETAILS	
	6313		M	an..3	Property measured	'AAX' The observed volume after adjustment for factors such as temperature or gravity

1	2	3	4	5	6	7
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
	6411		M	an..3	Measurement unit qualifier	'TNE' for metric ton (UN/ECE Recommendation 20)
	6314		M	an..18 (n9)	Measurement value	Tonnage
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
GRP 13 CNI/GID/ DGS	**SGP (1..99)**	4	M		*SPLIT GOODS PLACEMENT*	*Specification of the location of the goods.* For the transported cargo, this segment shall contain the identification of the vessel (barge) the cargo is stowed on. *Remark*: Cargo means, in this context, container, liquid cargo and general cargo
			M		EQUIPMENT IDENTIFICATION	
	C237		M	an..17 (an7..8)	Equipment identification number	Ship number: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)
		8260	M	an..3	Code list qualifier	'IMO' for an IMO-number, see Annex Part II, Chapter 2.3.2 'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3
		1131		an..3	Code list responsible agency	n.a.
		3055		an..3	Country	n.a.
		3207		n..8	Number of packages	n.a.
	7224					
CNI/GID/ DGS/ SGP	**MEA**	5	M		*MEASUREMENTS*	*Total of the goods within the vessel*

1	2	3	4	5	6	7
	6311		M	an..3	Measurement purpose qualifier	'WT' for weights
	C502		M		MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'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/CEFACT Recommendation 20)
		6314	M	an..18 (n9)	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	**MEA**	5	C		*MEASUREMENTS*	*Total tonnage of the goods within the vessel*
	6311		M	an..3	Measurement purpose qualifier	'VOL' for volume
	C502		M		MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'AAX' The observed volume after adjustment for factors such as temperature or gravity
		6321		an..3	Measurement significance, coded	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'TNE' for metric ton (UN/CEFACT Recommendation 20)
		6314	M	an..18 (n9)	Measurement value	Tonnage
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.

1	2	3	4	5	6	7
	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 or tanks*. If the goods are transported in containers or tanks at least one SGP combination specifying the ship on which the cargo is stowed shall be specified
	C237		M		EQUIPMENT IDENTIFICATION	Identification
		8260	M	an..17	Equipment identification number	*For containers the Container identification* code shall be used(owner code, identifier, serial number. check digit), see Annex Part II, Chapter 2.3.13 For the transport of liquid cargo the code 'NA' shall be used.
		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**	4	C		*PLACE/LOCATION IDENTIFICATION*	*Stowage location*
	3227		M	an..3	Place/location qualifier	For containers : '147' for stowage cell For tanks and other cargo : 'ZZZ' Mutually defined
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..25	Place/location identification	For containers 'BBBRRTT' for bay/row/tier (In accordance with ISO 9711-1 (1990)) For tanks : LLnn where - LL describes the location of the tank (PS for port side, SB for starboard, CC for Center side, CP for Center portside, CS for Center

1	2	3	4	5	6	7
						starboard (in case of 4-width configuration)) - nn describes the sequence number of the tank, starting with 01 from front to nn to the back.
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224		an..70	Place/location	n.a.
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.
		3223		an..25	Related place/location one identification	n.a.
		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**	4	D[6]		*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	D [USE 4]	an..70	Measurement attribute	Container type (ISO 6346 chapter 4 and annexes D and E)

1	2	3	4	5	6	7
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'KGM' for kilogram (UN/CEFACT Recommendation 20)
		6314	M	an..18 (n9)	Measurement value	Weight of the good in this container
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
CNI/GID/ DGS/SGP	**MEA**	4	D[6]		*MEASUREMENTS*	*Total tonnage of the goods within the vessel*
	6311		M	an..3	Measurement purpose qualifier	'VOL' for weights
	C502		M		MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'AAX' The observed volume after adjustment for factors such as temperature or gravity
		6321		an..3	Measurement significance, coded	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'TNE' for metric ton (UN/CEFACT Recommendation 20)
		6314	M	an..18 (n9)	Measurement value	Tonnage
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
CNI/GID/ DGS	**SGP**	4	C		*SPLIT GOODS PLACEMENT*	*The total weight of the container.*
	C237		M		EQUIPMENT IDENTIFICATION	Identification
		8260	M	an..17	Equipment identification number	*For containers the Container identification* code shall be used (owner code, identifier, serial number, check digit), see Annex Part II, Chapter 2.3.13
						For the transport of

1	2	3	4	5	6	7
						liquid cargo the code 'NA' shall be used.
		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	**MEA**	4	D [USE 7]		*MEASUREMENTS*	*Specification of the verified gross mass of this container*
	6311		M	an..3	Measurement purpose qualifier	'WT' for weights
	C502		M		MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'VGM' Transport equipment verified gross mass
		6321		an..3	Measurement significance, coded	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'KGM' for kilogram (UN/CEFACT Recommendation 20)
		6314	M	an..18 (n9)	Measurement value	Verified gross mass (Weight) of this container
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
CNI/GID/D GS/SGP	**MEA**	4	D [USE 7]		*MEASUREMENTS*	*Specification of the Estimated gross weight of this container*
	6311		M	an..3	Measurement purpose qualifier	'WT' for weights
	C502		M		MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	'ACN' Estimated gross weight
		6321		an..3	Measurement significance, coded	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.

1	2	3	4	5	6	7
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	'KGM' for kilogram (UN/CEFACT Recommendation 20)
		6314	M	an..18 (n9)	Measurement value	Estimated gross weight of this container
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
	UNT	0	M		*MESSAGE TRAILER*	*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

2.1 Clarification regarding the use of the CNI and GID segments

Segment Group	*Segment Composite data element (C) Data element TAG*	*Level*	*Status*	*Format*	*Name*	*Description Qualifiers in quotation marks*
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 group

Clarification:

- Each item shall be separately identified by means of the line (goods) item number and particulars.
- Goods item number: The sequence number of the good within a consignment. This means, if a consignment consists of several goods items, all the goods items shall be represented as unique goods items (GID). If the consignment only consists of one line (goods) item, the shipper (cargo sender) shall

represent this in one line. It is important that commercial information remains unchanged in the respective messages and does not disappear.

- The division of an ERINOT message can be explained as follows:
  - A means of transport may contain in its cargo one or more consignments. Each consignment may contain one or more goods items, each with its own particulars. Consignments, including the goods within this respective consignment, may be divided over one or more vessels (e.g. in a convoy in one voyage).
  - Each container in itself is represented in the ERINOT message as separate consignment information group; as a result, the number of consignments will increase with each container.

2.2 Dummy segments

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

CNI group:

- CNI: sequence number: '9999'

CNI/GID group:

- GID: sequence number: '99999'

CNI/GID/DGS group:

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

2.3 Empty vessels

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

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

CNI group:

- CNI: sequence number: '9999'

CNI/GID group:

- GID: sequence number: '99999'

CNI/GID/DGS group:

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

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

CNI group:

- CNI: valid sequence number
- LOC: source and destination (current voyage)

CNI/GID group:

- GID: valid sequence number
- FTX ACB: type of good: ‘D’, HS code of (previous) dangerous good

CNI/GID/DGS group:

- DGS: dangerous goods details (previous cargo)
- FTX AAD: dangerous good name
- MEA: weight: 0
- SGP: details of the empty vessel
- MEA: weight: 0.

2.4 Container transport with non-dangerous goods

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

CNI group:

- CNI: valid sequence number
- LOC: source and destination

CNI/GID group:

- GID: valid sequence number
- FTX ACB: type of good: ‘N’, HS code of the good
- FTX AAA, good name, NST code of the good, HS code of the good
- SGP: details of the vessel
- MEA: total weight of the non-dangerous good in the vessel

CNI/GID/DGS group:

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

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

2.5 Stowage encoding for 30' and 45'containers

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

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

2.6 Containers with unknown details on the goods or empty containers

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

EQD group:

EQD: container range

MEA: number of containers in the given range

CNI group:

CNI: valid sequence number

LOC: source and destination

CNI/GID group:

GID: valid sequence number

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

FTX AAA: good name, NST code, HS code

SGP: details of the vessel

MEA: total weight of the containers in the given range

CNI/GID/DGS group: dummy group.

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

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

2.7 Exchanging information between RIS authorities

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

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

- BGM element 1001 = 'PAS'.
- TDT group:
    - LOC(1), type '5' = Place of departure.
    - LOC(2), type '172' = Passage point.

- LOC(9), type ‘153’ = Place of destination (first port where transport is bound).
- DTM(2), type ‘186’ = Passage time of LOC(2).
- DTM(3), type ‘132’ = ETA of LOC(9) only if available.

- CNI groups with all the (known) cargo onboard.

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

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

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

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

Appendix 2

Passenger and crew list — PAXLST

1. UN/EDIFACT Standard Message PAXLST

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

1.1 Functional definition

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

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

1.2 Field of application

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

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

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

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

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

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

- Names of visitors to a vessel

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

All these details can be exchanged through the PAXLST message.

2. Message structure

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

2.1 Segment index (alphabetical sequence by tag)

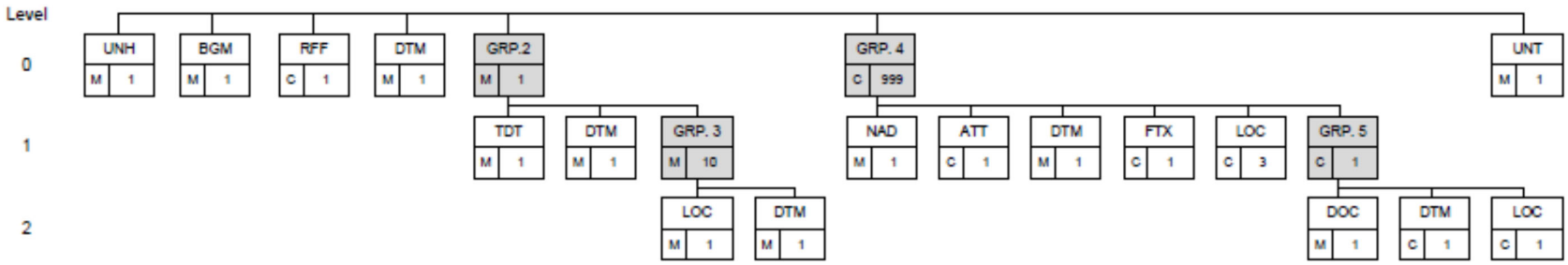
UNH	Message header
BGM	Beginning of message
ATT	Attribute
DOC	Document/message details
DTM	Date/time/period
FTX	Free text
LOC	Place/location identification
NAD	Name and address
RFF	Reference
TDT	Details of transport
UNT	Message trailer

2.2 Segment table

Pos	*Tag*	*Name*	*S*	*R*
	UNA		C	1
	UNB		M	1
0010	UNH	Message header	M	1
0020	BGM	Beginning of message	M	1
0030	RFF	Reference	C	1
0040	DTM	Date/time/period	M	1
0090		Segment group 2	M	1
0100	TDT	Details of transport	M	1
0110	DTM	Date/time/period	M	1
0120		Segment group 3	M	4
0130	LOC	Place/location identification	M	1
0140	DTM	Date/time/period	M	1

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

2.3 Branching diagram



2.4 Passenger/Crew list message format

Segment Group	*Segment* *Composite data element (C)* *Data element* *TAG*	*Level*	*Status*	*Format*	*Names*	*Description* *Qualifiers in quotation marks*
1	**2**	**3**	**4**	**5**	**6**	**7**
	UNA	**0**	**C**		**Service String Advice**	
			M	an1	Component data element separator	:
			M	an1	Segment Tag and Data element separator	+
			M	an1	Decimal notation	.
			M	an1	Release indicator	*?*
			M	an1	Reserved future use	space
			M	an1	Segment terminator	'
					Advised string: UNA:+.? '	6 characters
	UNB	**0**	**M**		**Interchange header**	
	S001		M		SYNTAX IDENTIFIER	
		0001	M	a4	Syntax identifier	'UNOC' Controlling agency
		0002	M	n1	Syntax version number	'2'
	S002		M		INTERCHANGE SENDER	
		0004	M	an..35 (an25)	Sender identification	Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post
		0007		an..4	Partner identification code qualifier	n.a.
		0008		an..14	Address for reverse routing	n.a.
	S003		M		INTERCHANGE RECIPIENT	
		0010	M	an..35 (an25)	Recipient identification	Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post
		0007		an..4	Partner identification code qualifier	n.a.
		0014		an..14	Routing address	n.a.
	S004		M		DATE/TIME OF PREPARATION	
		0017	M	n6	Date	Generation date, YYMMDD

1	2	3	4	5	6	7
		0019	M	n4	Time	Generation time, HHMM
	0020		M	an..14	Interchange reference identification.	First 14 positions of the message reference number
	S005		C		RECIPIENTS REFERENCE, PASSWORD	n.a
		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 requests acknowledgement, i.e. UNB and UNZ segments received and identified
	0032			an..35	Communications agreement id	n.a.
	0035		C	n1	Test indicator	'1' = the interchange relates to a test message
	UNH		**M**		**MESSAGE HEADER**	Identification, specification and heading of a message
	0062		M	an..14	Message reference number	First 14 positions of the message number
	S009		M		MESSAGE IDENTIFIER	Message identification
		0065	M	an..6	Message type	'PAXLST', message type
		0052	M	an..3	Message version number	'D', message version number
		0054	M	an..3	Message release number	'05A', message release number
		0051	M	an..2	Controlling agency	'UN', controlling agency
		0057	M	an..6	Association assigned code	'ERI13', ERI Version 1.3
	0068		M	an..35	Common access reference	Common access reference Reference to all messages related to one common file
	S010				STATUS OF THE TRANSFER	Transfer status
		0070		n..2	Sequence of transfers	n.a.

1	2	3	4	5	6	7
		0073		a1	First and last transfer	n.a.
	BGM	**0**	**M**		**BEGINNING OF MESSAGE**	*Identification of the type and function of the message*
	C002				Document/message name	Message name
		1001	M	an..3	Document name code	Message type: '250' crew list '745' passenger list '10' stowaway list
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
		1000	M	an..35	Document name	Document name: 'CREW LIST' 'PASSENGER LIST' 'STOWAWAY LIST' *(one PAXLST message contains one document)*
	C106		M		Document/message identification	
		1004	M	an..35 an(15)	Document identifier	message reference number
		1056	C	an..9	Version identifier	version identifier
		1060	C	an..6	Revision identifier	revision identifier
	1225		M	an..3	MESSAGE FUNCTION CODE	Function of message '1' = cancellation message '9' = new message (original) '5' = modification message '22' = Final transmission (End of voyage) '150' = Interruption of voyage '151' = Restart of voyage
	4343			an..3	RESPONSE TYPE CODE	QA
	RFF	**0**	**C**		**REFERENCE**	**Reference to the message which is changed, mandatory if the message is a modification message**
	C506		M		REFERENCE	Reference

1	2	3	4	5	6	7
	1153		M	an..3	Reference qualifier	'ACW'
		1154	M	an..35	Reference number	(an14) message reference number of the BGM, tag 1004 of the message the current message refers to
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..35	Revision number	n.a.
	DTM	**0**	**M**		**DATE/TIME/ PERIOD**	
	C507		M		DATE/TIME/PERIOD	Date/time/period
		2005	M	an..3	Date or time or period function code qualifier	'184' Notification date
		2380	M	an..35	Date or time period value	Time: CCYYMMDD
		2379	M	an..3	Date or time or period format code	'102'
	TDT	***1***	**M**		**Specification of the means 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	'20' (main transport)	Transport stage code qualifier
	8028		C	an..17	Conveyance reference number	Voyage number, defined by sender of the message
	C220		M		Transport modality	n.a.
		8067	M	an..3	Mode of transport, coded	'8' for inland water transport, '1' for maritime transport (see UN/CEFACT Recommendation 19)
		8066		an..17	Transport mode name	n.a.
	C001		M		Type of means of transport identification, *convoy type*	Code for ship and convoy types of means of transport from UNCEFACT Recommendation 28, see Annex Part II, Chapter 2.3.1
		8179		an..8	Transport means description code	n.a.
		1131		an..17	Code list identification code	n.a.

1	2	3	4	5	6	7
		3055		an..3	Code list responsible agency code	n.a.
		8178		an..17	Transport means description	n.a.
	C040				Carrier	
		3127		an..17	Carrier identifier	n.a.
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
		3128		an..35	Carrier name	n.a.
	8101			an..3	Transit direction indicator code	n.a.
	C401				Excess transportation information	n.a.
		8457		an..3	Excess transportation reason code	n.a.
		8459		an..3	Excess transportation responsibility code.	n.a.
		7130		an..17	Customer shipment autorisation identifier	n.a.
	C222		M		Transport identification	
		8213	M	an..9 (an7..8)	ID. of means of transport identification	Vessel number: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)
		1131	M	an..17	Code list qualifier	‘IMO’ for an IMO number, see Annex Part II, Chapter 2.3.2 ‘ENI’ for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3
		3055		an..3	Code list responsible agency code	n.a.
		8212	M	an..35	Name of the vessel	*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, ISO 3166 country code	ISO two-alpha country code 3166-1, see Annex Part II, Chapter 2.3.8 Dependency note. If the nationality of the inland vessel is not available the code for

1	2	3	4	5	6	7
						the country or area of registration shall be stated here in line with the ENI number specifications.
	8281			an..3	Transport means ownership indicator code .	n.a.
TDT	**DTM**	**1**	**M**	**TDT(20)**	**Estimated time of arrival/departure**	
	C507				Date/time/period	
		2005	M	an..3	Date or time or period function code qualifier	‘132’ for arrival ‘133’ for departure
		2380	M	an..35	Date or time period value	Given in the local time of the place of arrival
		2379	M	an..3	Date or time or period format code	‘203’ for CCYYMMDDHHMM
TDT	**LOC(1)**	**1**	**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..35 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16), see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	D [USE 1]	an..256 (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, Annex Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10

1	2	3	4	5	6	7
		1131		an..17	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.
TDT/ LOC1	**DTM**	**1**	**M**		**Estimated time of departure**	
	C507				Date/time/period	
		2005	M	an..3	Date or time or period function code qualifier	'133' for departure
		2380	M	an..35	Date or time period value	Given in the local time of the place of arrival
		2379	M	an..3	Date or time or period format code	'203' for CCYYMMDDHHMM
TDT	**LOC(2)**	**1**	**M**		**PLACE/LOCATION IDENTIFICATION**	**First port of call**
	3227		M	an..3	Place/location qualifier	'87'
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..35 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16), see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	D [USE 1]	an..256 (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 Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..17	Code list qualifier	n.a.

1	2	3	4	5	6	7
		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	**DTM**	**1**	**M**		**Estimated time of first port of call**	
	C507				Date/time/period	
		2005	M	an..3	Date or time or period function code qualifier	'252' Arrival date/time at initial port
		2380	M	an..35	Date or time period value	Given in the local time of the place of arrival
		2379	M	an..3	Date or time or period format code	'203' for CCYYMMDDHHMM
TDT	**LOC(3)**	**1**	**M**		**PLACE/ LOCATION IDENTIFICATION**	**Last port of call**
	3227		M	an..3	Place/location qualifier	'125'
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..35 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16), see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	D [USE 1]	an..256 (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 Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..17	Code list qualifier	n.a.

1	2	3	4	5	6	7
		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	**DTM**	**1**	**M**		**Estimated time of arrival/departure**	
	C507				Date/time/period	
		2005	M	an..3	Date or time or period function code qualifier	'253' Departure date/time from last port of call
		2380	M	an..35	Date or time period value	Given in the local time of the place of arrival
		2379	M	an..3	Date or time or period format code	'203' for CCYYMMDDHHMM
TDT	**LOC(4)**	**1**	**M**		**PLACE/ LOCATION IDENTIFICATION**	**Port of arrival**
	3227		M	an..3	Place/location qualifier	'60'
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..35 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16), see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	D [USE 1]	an..256 (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 Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	

1	2	3	4	5	6	7
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
TDT/ LOC 4	**DTM**	**1**	**M**		**Estimated time of arrival/departure**	
	C507				Date/time/period	
		2005	M	an..3	Date or time or period function code qualifier	'132' for arrival
		2380	M	an..35	Date or time period value	Given in the local time of the place of arrival
		2379	M	an..3	Date or time or period format code	'203' for CCYYMMDDHHMM
GRP 4	**NAD**	**0**	**M**		**NAME and ADDRESS**	**Name and address details of person**
	3035		M	an..3	Party function code qualifier	Name type: 'FM' for crew member 'FL' for passenger 'BV' for stowaway persons
	C082		C		PARTY IDENTIFICATION DETAILS	Name identification
		3039		an..35	Party identification	Code or textual description of the relation
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C058		M		NAME AND ADDRESS	n.a.
		3124	M	an..35	Name and address line	Family name
		3124	M	an..35	Name and address line	Given names
		3124	C	an..35	Name and address line	Prefix (gender)
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
	C080		C		PARTY NAME	
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.

1	2	3	4	5	6	7
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3045		an..3	Party name format, coded	n.a.
	C059		C		STREET	
		3042	C	an..35	Street and number/PO box	Street and number or post office box
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
	3164		C	an..35	City name	City
	C819		C		Country sub-entity identification	n.a.
		3229	C	an..9	Country sub-entity name code	Postal identification code
		1131	C	an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
		3228		an..70	Country sub-entity name	n.a.
	3251		C	an..17	postal code	
	3207		M	an..3	(an2) nationality, ISO3166 country code	ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8
GRP 4	**ATT**	**1**	**C**		**Rank/title**	**Rank/title**
	9017		M	an..3	Attribute function qualifier	‘5’ Professional title ‘1’ Crew member
	C955		C		Attribute type	
		9021		an..17	Attribute type, coded	
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
		9020		an..70	Attribute type description	n.a.
	C956		C		Attribute detail	
		9019		an..17	Attribute description code	n.a
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.

1	2	3	4	5	6	7
		9018	M	an..256	Attribute description	Rank/title name e.g. Chief officer
NAD	**DTM**	**1**	**M**		**DATE/TIME/ PERIOD**	**Date of birth**
	C507				Date/time/period	Date/time/period
		2005	M	an..3	Date or time or period function code qualifier	'329'
		2380	M	an..35	Date or time period value	Date: CCYYMMDD
		2379	M	an..3	Date or time or period format code	'102'
NAD	***FTX***	***1***	**C**		***Free text***	**General information**
	4451		M	an..3	Text subject qualifier	Text subject type 'AAI' General Information
	4453			an..3	Text function, coded	
	C107		C		Text reference	
		4441	M	an..17	Free text, coded	Call information related to boarding of persons. General information on the call of the vessel.
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency, coded	n.a.
	C108		C		Text literal	
		4440	C	an..512	Free text	License number vehicle
		4440	C	an..512	Free text	Visitor
		4440	C	an..512	Free text	Company name of service provider and other details
		4440	C	an..512	Free text	Names and duration of visit of the visiting children
		4440	D [USE 2]	an..512	Free text	Health Status
	3453			an..3	Language, coded.	
	4447			an..3	Text formatting, coded	
NAD	**LOC(1)**		**M**		**PLACE/LOCATION IDENTIFICATION**	**Place of birth**
	3227		M	an..3	Place/location qualifier	'180'
	C517		M		LOCATION IDENTIFICATION	

1	2	3	4	5	6	7
		3225	C	an..35 (an5)	Place/location identification	ISO 3166-1 two alpha country code, see Annex Part II, Chapter 2.3.8
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	M	an..256 (an..35)	Place/location	Place of birth
	C519		C		RELATED LOCATION ONE IDENTIFICATION	n.a.
		3223		an..35	Related place/location one identification	n.a.
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222		an..70	Related place/location one	n.a.
	C553				RELATED LOCATION TWO IDENTIFICATION	n.a.
		3233		an..25	Related place/location two identification	n.a.
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232		an..70	Related place/location two	n.a.
	5479			an..3	Relation	n.a.
NAD	**LOC(2)**		**M**		**PLACE/LOCATION IDENTIFICATION**	**Place of Embarkation**
	3227		M	an..3	Place/location qualifier	‘178’ for place of Embarkation
	C517		M		LOCATION IDENTIFICATION	
		3225	C	an..35 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16) of the port, see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	D [USE 1]	an..256	Place/location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	

1	2	3	4	5	6	7
		3223	M	an..35 (an5)	Related place/location one identification	Terminal code, see Annex Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..35 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..17	Code list qualifier	
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
NAD	***LOC(3)***		**M**		***PLACE/LOCATION IDENTIFICATION***	***Place of Disembarkation***
	3227		M	an..3	Place/location qualifier	'179' for place of disembarkation
	C517		M		LOCATION IDENTIFICATION	
		3225	C	an..35 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16) of the port, see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	D [USE 1]	an..256	Place/location	Full name of the port location
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
		3223	M	an..25 (an5)	Related place/location one identification	Terminal code, see Annex Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70	Related place/location one	Full name of the terminal

1	2	3	4	5	6	7
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..17	Code list qualifier	
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
NAD	**DOC**	**1**	**M**		**Travel document details**	**Travel document details**
		C002	M		Document/message name	Document/message name
		1001	M	n..3	Document/message name, coded	Document type: ‘39’ Passport ‘36’ Identity card ‘SMB’ Seaman's book ‘40’ Driving licence (national) ‘41’ Driving licence (international) ‘483’ Visa
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency, coded	n.a.
		1000	C	an..35	Document name	Type of Visa
	C503		M		Document/message details	
		1004	M	an..35	Document/message number	Document identifier
		1373		an..3	Document/message status, coded	n.a.
		1366		an..70	Document/message source	n.a.
		3453		an..3	Language, coded	n.a.
		1056		an..9	Version	n.a.
		1060		an..6	Revision number	n.a.
	3153			an..3	Communication channel identifier, coded	n.a.
	1220			n..2	Number of copies of document required	n.a.
	1218			n..2	Number of originals of document required	n.a.

1	2	3	4	5	6	7
DOC	**DTM**	**2**	**C**		**DATE/TIME/ PERIOD**	**Expiration date**
	C507				Date/time/period	Date/time/period
		2005	M	an..3	Date or time or period function code qualifier	'192'
		2380	M	an..35	Date or time period value	Date: CCYYMMDD
		2379	M	an..3	Date or time or period format code	'102'
TDT	**LOC(1)**	**1**	**M**		**PLACE/ LOCATION IDENTIFICATION**	**Place of issue of document**
	3227		M	an..3	Place/location qualifier	'44'
	C517		M		LOCATION IDENTIFICATION	
		3225	C	an..35 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16), see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224		an..256	Place/location	n.a.
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.
		3223		an..25	Related place/location one identification	n.a.
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222		an..70	Related place/location one	n.a.
	C553				RELATED LOCATION TWO IDENTIFICATION	n.a.
		3233		an..25	Related place/location two identification	n.a.
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3232		an..70 (an..5)	Related place/location two	n.a.
	5479			an..3	Relation	n.a.

1	2	3	4	5	6	7
	UNT	**0**	**M**		**MESSAGE TRAILER**	**End and control of completeness of the message**
	0074		M	n..6	Number of segments in the message	
	0062		M	an..14	First 14 positions of the message reference number	First 14 positions of the message reference number
	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

Business Rules

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

Appendix 3

ERINOT Response and Receipt Message (APERAK) — ERIRSP

1. APERAK General Response and Receipt Message

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

The function of this message is:

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

(b) to acknowledge to a message issuer the receipt of his message by the addressee's application.

1.1 Field of application

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

1.2 Principles

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

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

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

2. ERI Response Message ERIRSP

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

2.1 Segment index (alphabetical sequence by tag)

BGM	Beginning of message
COM	Communication contact
DTM	Date/time/period
ERC	Application error information
FTX	Free text
NAD	Name and address
RFF	Reference
UNH	Message header
UNT	Message trailer

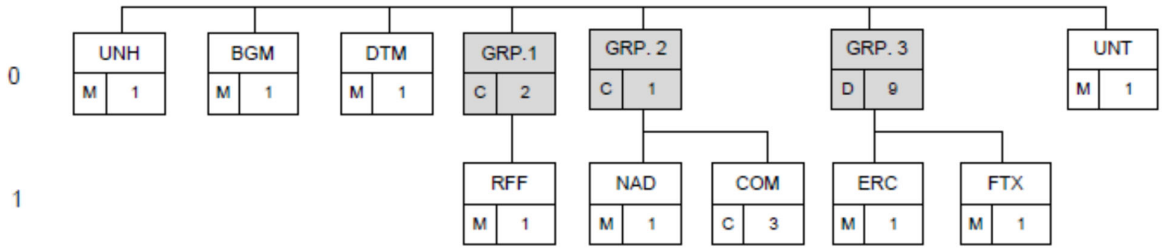
2.2 Segment table

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

Business rules

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

2.3 Branching Diagram



2.4 ERIRSP message structure

Table 2 defines the segments of the ERI response messages.

Table 2
ERI response message ERIRSP

Segment Group	*Segment* *Composite data element (C)* *Data element* *TAG*	*Level*	*Status*	*Format*	*Name*	*Description* *Qualifiers in quotation 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 or the unique identifier of a RIS-centre or traffic post
		0007		an..4	Partner identification code qualifier	n.a.
		0008		an..14	Address for reverse routing	n.a.
	S003		M		INTERCHANGE RECIPIENT	
		0010	M	an..35 (an25)	Recipient identification	Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post
		0007		an..4	Partner identification code qualifier	n.a.
		0014		an..14	Routing address	n.a.

1	2	3	4	5	6	7
	S004		M		DATE/TIME OF PREPARATION	
		0017	M	n6	Date	Generation date, YYMMDD
		0019	M	n4	Time	Generation time, HHMM
	0020		M	an..14	Interchange control reference	First 14 positions of the message reference number
	S005				RECIPIENT'S 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			n1	Acknowledgement request	n.a.
		0032		an..35	Communications agreement id	n.a.
		0035	C	n1	Test indicator	'1' = the interchange relates to a test message
	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	'ERI13', ERI Version 1.3
	0068			an..35	Common access reference	n.a.
	S010				STATUS OF THE TRANSFER	

1	2	3	4	5	6	7
		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 shall be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number shall be used. The transitional system shall in this case not generate another message reference number
		1056		an..9	Version	n.a.
		1060		an..6	Revision number	n.a.
	1225		M	an..3	Message function code	Function of message: '9' = new message (original)
	4343		M	an..3	Response type code	'AP' accepted 'RE' rejected.

1	2	3	4	5	6	7
						The notification is rejected if the transport is already arrived at its destination.
	DTM	**1**	**M**		**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
GRP 1	**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		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
GRP 1	**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 shall start with the UN country code followed by three positions for the assigning system. The final part is the actual reference number

1	2	3	4	5	6	7
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
GRP 2	**NAD**	**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 DETAILS	n.a.
		3039		an..35	Party identification	n.a.
		1131		an..3	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
	C080		M		PARTY NAME	
		3036	M	an..35	Party name	Name of the sender of the notification
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3045		an..3	Party name format, coded	n.a.
	C059		C		STREET	
		3042	M	an..35	Street and number/PO box	Street and number or post office box
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
	3164		C	an..35	City name	City
	3229			an..9	Country sub-entity identification	n.a.
	3251		C	an..9	Postcode identification	Postal identification code

1	2	3	4	5	6	7
	3207		C	an..3	Country	ISO 3166-1 two alpha country code, see Annex, Chapter 2.3.8
NAD	***COM***	***2***	***C***		***COMMUNICATION CONTACT***	Sender communication contact details (maximum 3 times)
	C076		M		COMMUNICATION CONTACT	
		3148	M	an..70	Communication number	Communication number
		3155	M	an..3	Communication channel qualifier	'TE' for telephone number 'FX' for fax number 'EM' for E-mail address
GRP 3	**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**	**M**		**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.

1	2	3	4	5	6	7
	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

3. Error codes

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

Appendix 4

Berth management port notification (BERMAN)

1. Necessary data in accordance with the FAL Convention

In the FAL General Declaration[2], public authorities shall not require more than the following information:

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

In addition, the following particulars are to be included for ISPS[3] purposes:

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

2. Message function

2.1 Functional definition

The BERMAN message is a message from a carrier, its agent or a vessel to the responsible port authority, requesting a berth, giving details of the call, ship, berth requirements and expected operations[4]. It is based on the EDIFACT BERMAN message as published in the UN/EDIFACT D 04B directory.

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

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

[4] In accordance with the IMO Compendium, the BERMAN message can be used as a substitute for the IMO General Declaration (CUSREP) for the purpose of the announcement of the expected arrival of a ship in a certain port.

2.2 Field of application

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

(a) the *IMO FAL Form 1* (as also contained in the IMO Compendium on Facilitation and electronic business, document FAL.5/Circ.15, dated 19 February 2001 and also contained in Directive 2010/65/EU of the European Parliament and of the Council[5]);

(b) *International ship and port facility security (ISPS) code*, adopted by the Conference of Contracting Governments of the International Maritime Organisation (IMO) on 12 December 2002, in the amendments to the annex to the International Convention of Safety of Life at Sea (SOLAS), 1974 and *Regulation (EC) No 725/2004*.

2.3 Message principles

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

1. A message shall contain information on only one means of transport/conveyance.

2. One message shall relate to one visit of a ship to one port of call.

3. The visit of the vessel shall be identified by a unique call reference number that is issued by or on behalf of the authority in the port (e.g. the port authority or the customs authority).

4. The message shall incorporate the information related to applicable requirements regarding the notification of a ship to a port. It shall support one request for the ship — be it for entering the port, berthing on arrival of the ship, leaving the berth on departure of the ship or shifting of berths for the ship within the port or for only transiting through the port area.

5. The arrival notification shall contain all details regarding the movement of the ship from outside the port area to the first berth in the port area. The additional services to be arranged for arrival at the first berth (e.g. arrangement of pilots, VTS, tugboats, and linesmen) may be specified. The ETA (estimated time of arrival) at the entry point and previous port of call of the ship shall be given.

6. A shift berthing request shall contain all details as to the movement from one berth to the next berth in the same port area. The additional services to be arranged (e.g. arrangement of tugboats, pilots or linesman) may be specified for each berth separately. The ETD (estimated time of departure) for the first berth is mandatory. The shift berthing request shall further contain the other berths that are planned to be visited during the ship's call, including the ETA at those berths.

7. A departure request shall contain all details related to the departure of the ship from the (last) berth in the port area. Additional services to be arranged for departure from the berth (e.g. arrangement of tugboats, pilots or linesman) may be specified. The ETD from the berth and the next port of call of the ship shall be given upon departure.

8. The message shall cater for the provision of sending a replacement or a cancellation of a previously sent original message.

9. The message content shall be uniquely identified by means of the message reference (in BGM 1004) and the message sender identification (in NAD(MS) 3039). All other identifying data, such as the unique ship ID of the ship or the

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

voyage number, are secondary references. The sending of replacements and updates also makes use of this principle.

3. Message structure

3.1 Segment index (alphabetical sequence by tag)

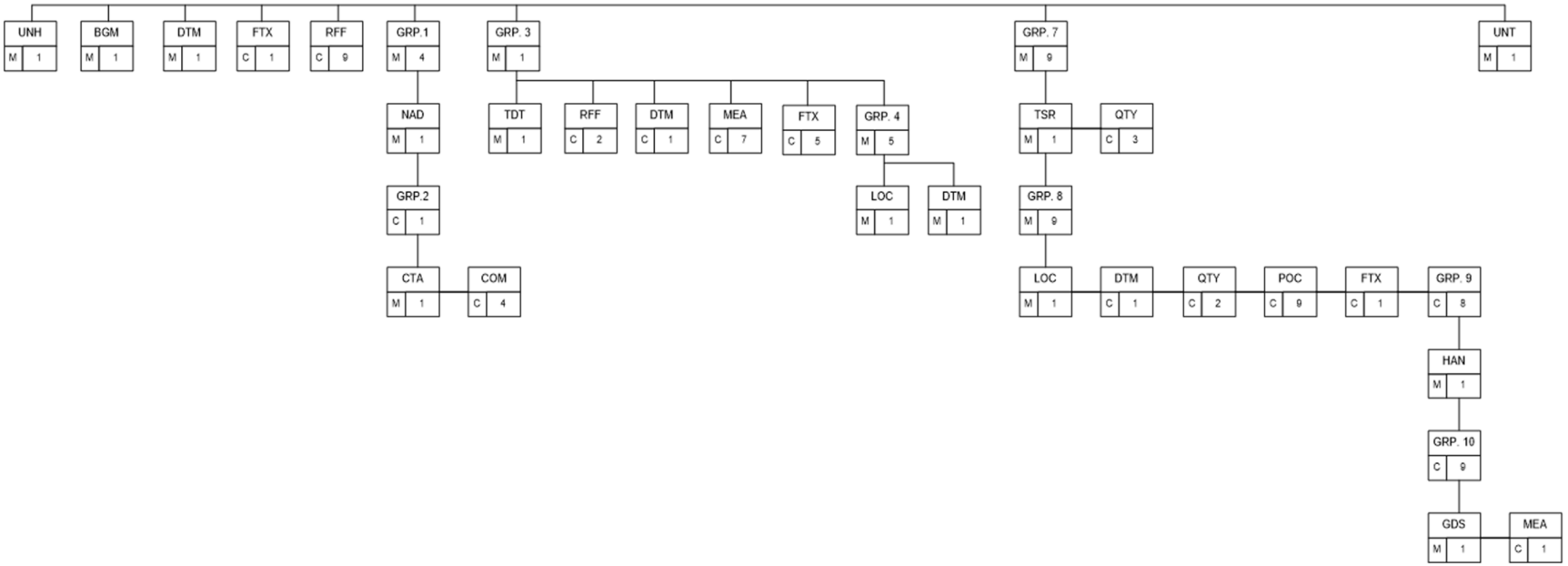
BGM	Beginning of message
COM	Communication contact
CTA	Contact information
DTM	Date/time/period
FTX	Free text
GDS	Nature of cargo
HAN	Handling instructions
LOC	Place/location identification
MEA	Measurements
NAD	Name and address
POC	Purpose of call
QTY	Quantity
RFF	Reference
TDT	Transport information
TSR	Transport service requirements
UNH	Message header
UNT	Message Trailer

3.2 Segment table

Pos	*Tag*	*Name*	*S*	*R*
	UNA		C	1
	UNB		M	1
0010	UNH	Message header	M	1
0020	BGM	Beginning of message	M	1
0030	DTM	Date/time/period	M	1
0040	FTX	Free text	C	1
0050	RFF	Reference	C	9
0070		Segment Group 1	M	4
0080	NAD	Name and address	M	1
0090		Segment Group 2	C	1
0100	CTA	Contact information	M	1
0110	COM	Communication contact	C	4

Pos	*Tag*	*Name*	*S*	*R*
0120		Segment Group 3	M	1
0130	TDT	Transport information	M	1
0140	RFF	Reference	C	2
0150	DTM	Date/time/period	C	1
0160	MEA	Measurements	C	7
0170	FTX	Free text	C	9
0190		Segment Group 4	M	5
0200	LOC	Place/location identification	M	1
0210	DTM	Date/time/period	M	1
0300		Segment Group 7	M	9
0310	TSR	Transport service requirements	M	1
0320	QTY	Quantity	C	3
0340		Segment Group 8	M	9
0350	LOC	Place/location identification	M	1
0370	DTM	Date/time/period	C	1
0380	QTY	Quantity	C	2
0390	POC	Purpose of call	C	9
0400	FTX	Free text	C	1
0410		Segment Group 9: HAN	C	8
0420	HAN	Handling instructions	M	1
0440		Segment Group 10: GDS	C	9
0450	GDS	Nature of cargo	M	1
0470	MEA	Measurements	C	1
0500	UNT	Message Trailer	M	1

3.3 Branching Diagram



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

Segment Group	*Segment* *Composite data element (C)* *Data element* *TAG*	*Level*	*Status*	*Format*	*Description segments/fields*	*Description of qualifiers and used codes, general remarks on usage of data elements* *Usage notes*
1	**2**	**3**	**4**	**5**	**6**	**7**
	UNA		**C**		**SERVICE STRING ADVICE**	
			M	an1	Component data element separator	:
			M	an1	Segment tag and data element separator	+
			M	an1	Decimal notation	.
			M	an1	Release indicator	*?*
			M	an1	Reserved future use	*Space*
			M	an1	Segment terminator	'
					Advised string: UNA:+.? '	*6 characters*
	UNB		**M**		**INTERCHANGE HEADER**	
	S001		M		SYNTAX IDENTIFIER	
		0001	M	a4	Syntax identifier	'UNOC' Controlling agency
		0002	M	n1	Syntax version number	'2'
	S002		M		INTERCHANGE SENDER	
		0004	M	an..35 (an25)	Sender identification	Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post
		0007		an..4	Partner identification code qualifier	n.a.
		0008		an..14	Address for reverse routing	n.a.
	S003		M		INTERCHANGE RECIPIENT	
		0010	M	an..35 (an25)	Recipient identification	Mailbox number or unique name or the unique identifier of a RIS-centre or traffic post
		0007	C	an..4	Partner identification code qualifier	n.a.
		0014	C	an..14	Routing address	n.a.
		S004	M		DATE/TIME OF	

1	2	3	4	5	6	7
					PREPARATION	
		0017	M	n6	Date	Generation date, YYMMDD
		0019	M	n4	Time	Generation time, HHMM
	0020		M	an..14	Interchange reference identification	First 14 positions of the message reference number
	S005		C		RECIPIENTS REFERENCE, PASSWORD	n.a
		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 requests acknowledgement, i.e. UNB and UNZ segments received and identified
	0032			an..35	Communications agreement id	n.a.
	0035			C	Test indicator	Test indicator '1' = the interchange relates to a test message
	UNH		**M**		**IDENTIFICATION, SPECIFICATION AND HEADING OF A MESSAGE**	
	0062		M	an..14	Message reference number	First 14 positions of the message number
	S009		M		MESSAGE IDENTIFIER	Message identification
		0065	M	an..6	Message type	'BERMAN', message type
		0052	M	an..3	Message version number	'D', message version number
		0054	M	an..3	Message release number	'05B', message release number
		0051	M	an..2	Controlling agency	'UN', controlling agency
		0057	M	an..6	Association assigned code	'ERI13', ERI version 1.3

1	2	3	4	5	6	7
		0068	C	an..35	Common access reference	Reference to all messages related to one common file
	S010				STATUS OF THE TRANSFER	
		0070		n..2	Sequence of transfers	n.a.
		0073		a1	First and last transfer	n.a.
	BGM		**M**		**BEGINNING OF MESSAGE**	**Identification of the type and function of the message**
	C002				DOCUMENT / MESSAGE NAME	
		1001	M	an..3	Document/message name code	Message Type: '22' = Final transmission (End of voyage) 23 Status information Information regarding the status of a related message. 185 Conveyance declaration (arrival) Declaration to the public authority upon arrival of the conveyance. 186 Conveyance declaration (departure) Declaration to the public authority upon departure of the conveyance. 187 Conveyance declaration (combined) Combined declaration of arrival and departure to the public authority. 318 Application for shifting from the designated place in port Document to apply for shifting from the designated place in port. 282 Modification of existing message Requesting a change to an existing message.

1	2	3	4	5	6	7
						Note: 187 to be used as continued voyage indicator
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		1000		an..35	Document/message name	n.a.
	C106		M		DOCUMENT/MESSAGE IDENTIFICATION	
		1004	M	an..35	Document identifier	Use max. (an15) for message reference number
		1056		an..9	Version	
		1060		an..6	Revision number	
	1225		M	an..3	Message function code	*Function* of message: '9' = new message, original '5' = modification message by replacement '1' = cancellation '22' = Final transmission (End of voyage) '150' = Interruption of voyage' '151' = Restart of voyage
	4343			an..3	Response type code	'QA'
	DTM		**M**		**DATE/TIME/PERIOD**	
	C507		M		DATE/TIME/PERIOD	
		2005	M	an..3	Date or time or period function code qualifier	'137' Date of preparation
		2380	M	an..35	Date or time period value	Date: CCYYMMDD
		2379	M	an..3	Date or time or period format code	'102' For CCYYMMDDHHMM use '203'
	FTX		C		FREE TEXT	
	4451		M	an..3	Text subject code qualifier	'CHG' = Change information
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	

1	2	3	4	5	6	7
		4441	C	an..17	Free text identification	General information on the call of the vessel CAM = mistakes in previous message CAN = cancelled because of cargo change GIV = General info vessel
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C108		C			
		4440	C	an..512	Free text	Free text: Vessel defects info (vessel, nautical equipment, cargo handling, protruding parts, fire, overheating, smoke)
		4440		an..512	Free text	n.a.
		4440		an..512	Free text	n.a.
		4440		an..512	Free text	n.a.
		4440		an..512	Free text	n.a.
	3453			an..3	Language, coded	n.a.
	4447			an..3	Text formatting, coded	n.a.
	RFF		**C**		**REFERENCE**	**Reference to the message which is changed, mandatory if the message is a modification message**
	C506		M		REFERENCE	
		1153	M	an..3	Reference qualifier	'ACW' Reference to previous message
		1154	M	an..70	Reference number	Use (an15) message reference number of the BGM, tag 1004 of the message this current message refers to
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
	RFF		**C**		**REFERENCE**	**Reference information**

1	2	3	4	5	6	7
	C506		M		REFERENCE	Only if known
		1153	M	an..3	Reference qualifier	‘ATZ’ Ship's stay reference number ‘GDN’ General Declaration number ‘AAE’ Goods declaration number
		1154	M	an..70	Reference identifier	Reference number or declaration number
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
	RFF		**C**		**REFERENCE**	**REFERENCE INFORMATION**
	C506		M		REFERENCE	
		1153	M	an..3	Reference qualifier	EPC = Electronic port clearance (single window) ‘ACE’ Related document number ‘EPC’ Referenced document is sent via EDI and an EPC application ‘ROB’ Referenced document is available but remains on board
		1154	M	an..70	Reference identifier	‘799’ Ship's stores declaration ‘797’ Maritime declaration of health ‘745’ Passenger list ‘744’ Crew's effects declaration ‘250’ Crew list declaration ‘85’ Cargo declaration
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
NAD Gr 1	**NAD**		**M**		**Name and address**	
	3035		M	an..3	Party function code qualifier	Sender, carrier's agent and/or vessel master are mandatory

1	2	3	4	5	6	7
						Name type: 'MS' Message sender 'CG' Carrier's agent 'CPE' Vessel captain (master) 'AM' Authorised official (security officer)
	C082		C		PARTY IDENTIFICATION DETAILS	Code if known at receiver, otherwise other fields
		3039	M	an..35	Party identification	EAN number
		1131		an..17	Code list qualifier	n.a
		3055		an..3	Code list responsible agency	n.a
	C058				NAME AND ADDRESS	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
		3124		an..35	Name and address line	n.a.
	C080				PARTY NAME	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3036		an..35	Party name	n.a.
		3045		an..3	Party name format, coded	n.a.
	C059				STREET	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
		3042		an..35	Street and number/PO box	n.a.
	3164			an..35	City Name	n.a.
	C819				Country sub-entity details	n.a.
		3229		an..9	n.a.	n.a.
		1132		an..17	n.a.	n.a.
		3055		an..3	n.a.	n.a.
		3228		an..70	n.a.	n.a.

1	2	3	4	5	6	7
	3251		C	an..17	Postcode identification	Postal identification code
	3207		C	an..3	Country	ISO 3166-1 two digit alpha country code, see Annex Part II, Chapter 2.3.8
NAD Gr 2	**CTA**		**M**	**NAD**	**CONTACT INFORMATION**	**Sender contact details**
	3139		M	an..3	Contact function	'IC' = Information contact
	C056				DEPARTMENT OR EMPLOYEE DETAILS	
		3413		an..17	Department or employee identification	n.a.
		3412	C	an..35	Department or employee	Contact person, name or function
CTA	**COM**		**C**	***NAD/CTA***	**COMMUNICATION CONTACT**	**Sender communication contact details**
	C076				COMMUNICATION CONTACT	
		3148	M	an..512	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 *or* e-mail address for NAD 1 is mandatory if a response in the form of an APERAK message is requested for. If no response is requested, the EDI number and e-mail address is not to be used)
TDT Gr 3	**TDT**		**M**		**TRANSPORT INFORMATION**	Specification of the means of transport, the *naming vessel within a convoy* (a single vessel without barge is also a convoy in this context)

1	2	3	4	5	6	7
		8051	M	an..3	Transport stage code qualifier	‘20’ for main carriage transport
		8028	M	an..17	Conveyance reference number	Voyage number, defined by sender of the message
	C220		M		MODE OF TRANSPORT	
		8067	M	an..3	Mode of transport, coded	‘8’ for inland water transport' ‘1’ for maritime transport see UN/CEFACT Recommendation 19
		8066		an..17	Mode of transport	n.a.
	C228		M		TRANSPORT MEANS	
		8179	M	an..8	Type of means of transport identification, convoy type	Code for ship and convoy types of means of transport from UN/CEFACT Recommendation 28, see Annex Part II, Chapter 2.3.1
		8178		an..17	Type of means of transport	n.a.
	C040				CARRIER	n.a.
		3127		an..17	Carrier identification	n.a.
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3128		an..35	Carrier name	n.a.
	8101			an..3	Transit direction, coded	n.a.
	C401				EXCESS TRANSPORTATION INFORMATION	
		8457		an..3	Excess transportation reason	n.a.
		8459		an..3	Excess transportation responsibility	n.a.
		7130		an..17	Customer authorization number	n.a.
	C222		M		TRANSPORT IDENTIFICATION	
		8213	M	an..9 (an7..8)	ID. of means of transport identification	Vessel *number*: 7 digits for IMO indication, 8 digits for unique European vessel identification number (ENI)
		1131		an..17	Code list qualifier	‘IMO’ for an IMO number, see Annex

1	2	3	4	5	6	7
						Part II, Chapter 2.3.2 'ENI' for a unique European vessel identification number, see Annex Part II, Chapter 2.3.3
		3055		an..3	Code list responsible agency	n.a.
		8212	M	an..35	ID of the means of transport	*Name of the ship*. If the name results in more than 35 positions, the name of the vessel is shortened.
		8453	M	an..3	Nationality of means of transport	ISO two-alpha country code 3166-1, see Annex Part II, Chapter 2.3.8. If the nationality of the means of transport is not known, the 3 digit code of the competent authority which issued the European vessel identification number shall be used.
	8281			an..3	Transport ownership	n.a.
TDT	**RFF**		**C**	**TDT**	**REFERENCE**	
	C506		M		REFERENCE	
		1153	M	an..3	Reference qualifier	'VM' Vessel identification 'PEX' Pilotage exemption number
		1154	M	an..70	Reference number	Radio call sign if applicable or the identity of each barge/vessel in a combination (ERI ID) Number of exemption
		1156		an..6	Line number	n.a.
		4000		an..35	Reference version number	n.a.
		1060		an..6	Revision number	n.a.
TDT	**DTM**		**C**	**TDT**	**DATE/TIME/PERIOD**	
	C507		M		DATE/TIME/PERIOD	
		2005	M	an..3	Date or time or period function code qualifier	Local time at the place of arrival Code '132' = ETA

1	2	3	4	5	6	7
		2380	M	an..35	Date or time period value	Date/time: CCYYMMDDHHMM
		2379	M	an..3	Date or time or period format code	'203'
TDT	**MEA**		**C**	**TDT**	**MEASUREMENTS**	
	6311		M	an..3	Measurement purpose qualifier	Measurement application qualifier: 'AAE' Measurement
	C502		M		MEASUREMENT DETAILS	
		6313	M	an..3	Property measured	Measurement dimension: 'AAM' Gross tonnage of vessel, BT 'AAN' Net tonnage of vessel 'ACS' Length overall 'ADS' Length bow to bridge 'WM' Width, maximum 'DP' Draft, maximum (depth) 'HM' Height maximum above the water (air draft)
		6321		an..3	Measurement significance	n.a.
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	Measure unit qualifier: 'TNE' Metric tons 'CMT' Centimetre 'MTR' Metre
		6314	M	n..18	Measurement value	
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	n.a.
TDT	**FTX**		**C**	**TDT**	**FREE TEXT**	
	4451		M	an..3	Text subject code qualifier	General subject indicator Text subject type 'ACB' Additional information 'AFJ' Defect

1	2	3	4	5	6	7
						description 'HAZ' Hazardous 'AAA' General goods description 'WAS' Waste reporting 'VES' vessel particulars
	4453		C	an..3	Free text function code	If text subject is ACB, WAS, AAA or AFJ, here the dangerous goods can be indicated through: 'DGN' = No dangerous goods 'DGY' = Dangerous goods on board
	C107		C		TEXT REFERENCE	
		4441	C	an..17	Free text identification	'WEX' = Waste report exempt for 'WAS' 'CGS' = Cargo is gassed for 'ACB' For 'HAZ': Co0 = 0 Cone Co1 = 1 Cones Co2 = 2 Cones Co3 = 3 Cones 'B' = Red Flag (B) for IMO 'V' special permit
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C108		M			
		4440	C	an..512	Free text	Text description of defects such as AIS, Navigation equipment radar, engine, rudder, etc.
		4440		an..512	Free text	n.a.
		4440		an..512	Free text	n.a.
		4440		an..512	Free text	n.a.
		4440		an..512	Free text	n.a.
	3453			an..3	Language, coded	n.a.
	4447			an..3	Text formatting, coded	n.a.
TDT GR 4	**LOC**		**M**	**TDT**	**PLACE/LOCATION IDENTIFICATION**	**Port.**
	3227		M	an..3	Place/location qualifier	Place/location qualifier: '5' Place of departure '94' Previous of port

1	2	3	4	5	6	7
						of call ‘61’ Next port of call ‘89’ Place of registration ‘153’ Port of call
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..25 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16) of the port, see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..256	Place/location	Full name of the port
	C519		C		RELATED LOCATION ONE IDENTIFICATION	
		3223	M	an..25 (an..5)	Related place/location one identification	Terminal code, see Annex Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70 (an..17)	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	C	an..25 (an..5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..17	Code list qualifier	
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
	DTM		**C**	**TDT/LOC**	**DATE/TIME/PERIOD**	Required if place of registration is given
	C507		M		DATE/TIME/PERIOD	
		2005	M	an..3	Date or time or period function code qualifier	‘259’ Registration date
		2380	M	an..35	Date or time period value	Date: CCYYMMDD
		2379	M	an..3	Date or time or period format code	‘102’ date format

1	2	3	4	5	6	7
TSR Gr 7	**TSR**		**M**		**Transport service requirements**	
	C536				Contract and carriage condition	n.a.
		4065		an..3	Contract and carriage condition code	n.a.
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
	C233		M		Service	
		7273	M	an..3	Service requirement code	Service requirement: 'BER' Request for mooring service at a berth 'PIL' Request for pilot service 'VTS' Request for Vessel Traffic Services 'TUG' Request for tugboat service 'MAR' Planned handling of MARPOL substances 'SEC' Security services
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
		7273		an..3	Service requirement code	n.a.
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
	C537				Transport priority	
		4219		an..3	Transport service priority code	n.a.
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
	C703				Nature of cargo	
		7085		an..3	Cargo type classification code	n.a.
		1131		an..17	Code list identification code	n.a.

1	2	3	4	5	6	7
		3055		an..3	Code list responsible agency code	n.a.
TSR	QTY		C	*TSR/QTY*	QUANTITY	To indicate the number of crew, passengers and others such as pets or other animals
	C186		M		Quantity details	
	6063		M	an..3	Quantity type code qualifier	'115' = Total number of crew on board including the master '114' = Total number of people on board '14' = Total number of animals on board
	6060		M	an…35	Quantity	Number e.g. 4
	6411		C	an..8	Measure unit code	n.a.
TSR Gr 8	LOC		**M**	**TSR**	**PLACE/LOCATION IDENTIFICATION**	**Port**
	3227		M	an..3	Place/location qualifier	Place/location qualifier: '5' Place of departure '94' Previous of port of call '61' Next port of call '89' Place of registration '153' Port of call
	C517		M		LOCATION IDENTIFICATION	
		3225	M	an..25 (an5)	Place/location identification	UN/CEFACT location code (Recommendation 16) of the port, see Annex Part II, Chapter 2.3.9
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
		3224	C	an..256 (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 Part II, Chapter 2.3.11
		1131		an..17	Code list qualifier	n.a.

1	2	3	4	5	6	7
		3055		an..3	Code list responsible agency	n.a.
		3222	D [USE 1]	an..70 (an..35)	Related place/location one	Full name of the terminal
	C553		C		RELATED LOCATION TWO IDENTIFICATION	
		3233	M	an..25 (an..5)	Related place/location two identification	Fairway section code, see Annex Part II, Chapter 2.3.10
		1131		an..17	Code list qualifier	
		3055		an..3	Code list responsible agency	n.a.
		3232	C	an..70 (an..5)	Related place/location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
Gr 8	**DTM**		**C**	**TSR/LOC**	**DATE/TIME/PERIOD**	Date and time of the start of the transport service requirement
	C507		M		DATE/TIME/PERIOD	
		2005	M	an..3	Date or time or period function code qualifier	‘132’ Arrival date/time, estimated
		2380	M	an..35	Date or time period value	Time: CCYYMMDDHHMM
		2379	M	an..3	Date or time or period format code	‘203’
Gr 8	**QTY**		**C**	**TSR/LOC**	**QUANTITY**	
	C186		M		Quantity details	Quantity details
		6063	M	an..3	Quantity type code qualifier:	Quantity type code qualifier: ‘1’ Discrete quantity
		6060	M	an..35	Quantity	Number of tugboats required Number of linesman
		6411		an..3	Measurement unit code	n.a.
Gr 8	**POC**		**M**	**TSR**	**PURPOSE OF CALL**	
	C525		M		Purpose of conveyance call	Purpose of conveyance call
		8025	M	an..3	Conveyance call purpose description code	‘1’ Cargo operation ‘2’ Passenger movement ‘3’ Taking bunkers ‘4’ Changing crew ‘5’ Goodwill visit

1	2	3	4	5	6	7
						'6' Taking supplies '7' Repair '8' Laid-up '9' Awaiting orders '10' Miscellaneous '11' Crew movement '12' Cruise, leisure and recreation '13' This is a visit to a port which has been ordered by government '14' Quarantine inspection '15' Refuge '16' Tank cleaning '17' Waste disposal
		1131		an..17	Code list identification code	n.a.
		3055		an..3	Code list responsible agency code	n.a.
		8024		an..35	Conveyance call purpose description	n.a.
Gr 8	**FTX**		**C**	**TSR/LOC**	**FREE TEXT**	*Only to be used for security information*
	4451		M	an..3	Text subject code qualifier	The security information may be given in 4441 'SEC' Current security information
	4453			an..3	Free text function code	n.a.
	C107		M		TEXT REFERENCE	
		4441	M	an..17	Free text identification	Level of security S1 Security level 1 S2 Security level 2 S3 Security level 3
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency	n.a.
	C108		M			
		4440	M	an..512	Free text	Further remarks 'PER' followed by the number of persons on board.
		4440	C	an..512	Free text	ISSC information 'SCN' Security certificate not available 'SCY' Security

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

1	2	3	4	5	6	7
		1131		an..17	Code list qualifier	n.a.
		3055		an..3	Code list responsible agency, coded	n.a.
		7418		an..35	Hazardous material class	n.a.
HAN Gr 10	**GDS**		**M**	**TSR/LOC/ HAN**	**NATURE OF CARGO**	
	C703		M		Nature of cargo	
		7085	M	an..3	Cargo type classification code	Nature of cargo coded ‘5’ Other non-containerised ‘6’ Vehicles ‘7’ Roll-on roll-off ‘8’ Palletised ‘9’ Containerized ‘10’ Break bulk ‘11’ Hazardous cargo ‘12’ General cargo ‘13’ Liquid cargo ‘14’ Temperature controlled cargo ‘15’ Environmental pollutant cargo ‘16’ Not-hazardous cargo ‘17’ Diplomatic ‘18’ Military ‘19’ Obnoxious ‘21’ Household goods ‘22’ Frozen cargo ‘30’ Cargo in bulk (sand, gravel, ore, etc.)
		1131		an..17	Code list identification code.	n.a.
		3055		an..3	n.a.	n.a.
	MEA		**C**	**TSR/LOC/ HAN/GDS**	**MEASUREMENTS**	
	6311		M	an..3	Measurement purpose qualifier	Measurement application qualifier: ‘AAE’ Measurement
	C502		M		MEASUREMENT DETAILS	Measurement details
		6313	M	an..3	Property measured	Measurement dimension: ‘G’ Gross weight
		6321		an..3	Measurement significance	n.a.

1	2	3	4	5	6	7
		6155		an..17	Measurement attribute identification	n.a.
		6154		an..70	Measurement attribute	n.a.
	C174		M		VALUE/RANGE	
		6411	M	an..3	Measurement unit qualifier	Measure unit qualifier: 'KGM' Kilogram 'TNE' Metric tons
		6314	M	n..18	Measurement value	Weight
		6162		n..18	Range minimum	n.a.
		6152		n..18	Range maximum	n.a.
		6432		n..2	Significant digits	n.a.
	7383			an..3	Surface/layer indicator	
	UNT		**M**		**MESSAGE TRAILER**	End and control of completeness of the message
	0074		M	n..10	Number of segments in a message	
	0062		M	an..14	Message reference number	First 14 positions of the message reference number
	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

Business Rules

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