

PROTECT Guide Version 2.0

PART V

EDIFACT Message Implementation Guide

Berth services request message BERMAN

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Document Version Control

Version	Date	Release note (and description of change)
1.0	July 16, 2003	Draft version for internal PROTECT use based on Directory D2001A (incorporating the reporting requirement of IMO FAL Form 1)
1.0	January 20, 2004	Initial version for internal PROTECT use and pilot start up based on Directory D2001A (incorporating the security reporting requirements of the SOLAS Amendments Chapter X1-2 and International Ship and Port facility Security (ISPS) Code)
2.0	May 27, 2004	First formal version for implementation based on Directory D2003A
2.0	March 17, 2005	Editorial changes (front page)

1 Message function

1.1 Functional definition

The functional definition of the BERMAN message is as follows:

The Berth management message is a message from a carrier, its agent or means of transport to the authority responsible for port and waterway management, requesting a berth, giving details of the call, vessel, berth requirements and expected operations.

1.2 Message principles

The following principles are applicable to the BERMAN message:

1. A message will contain information on only one means of transport/conveyance.
2. One message relates to one visit of a vessel's voyage to one port of call.
3. The visit of the vessel to the port is identified by a unique vessel's 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 is based on the legal requirements regarding the notification of a vessel in a port. It supports one request for the vessel - be it for berthing on arrival of the vessel, leaving the berth on departure of the vessel or shifting of berths for the vessel within the port or for only transiting through the port area.
5. The ARRIVAL berthing request contains all details as to the movement of the vessel 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 towage vessels, pilots or boatsmen) may be specified. The ETA at first berth and previous port of call of the vessel are mandatory. The entry point of the vessel in the port area is mandatory.

The Arrival berthing request may further contain the other berths that are planned to be visited during this vessel's call, including the ETA at these berths.

6. A SHIFT berthing request contains 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 towage vessels, pilots or boatsmen) may be specified for each berth separately. The ETD for the first berth is mandatory. In case the vessel shifts berths by making a turn at sea the exit point and entry point of the port area may be specified.

The Shift berthing request may further contain the other berths that are planned to be visited during this vessel's call, including the ETA at these berths.

7. A DEPARTURE berthing request contains all details as to the departure of the vessel from the (last) berth in the port area. The additional services to be arranged for departure from the berth (e.g. arrangement of towage vessels, pilots or boatsmen) may be specified.

The ETD from the berth and the next port of call of the vessel are mandatory.
The exit point of the vessel in the port area is mandatory.

8. A TRANSIT request contains all details as to the transit of the vessel through the port area. The previous and next ports of call, the entry and exit point and the ETA at the entry point are mandatory.
The additional services to be arranged for transit (e.g. arrangement of towage vessels or pilots) may be specified.
9. The message is sent by an agent/operator/master of a vessel to the Port Authority.
10. The message is based on and supports the implementation by means of EDI of the following international and European legislation:
 - the **IMO FAL Form 1** (as also contained in the IMO Compendium on Facilitation and electronic business, document FAL.5/Circ.15, dated February 19, 2001 and also contained in the European Directive "on reporting formalities for ships arriving in and/or departing from ports of the Member States of the Community", Directive 2002/6/EC, dated 18 February 2002).
 - **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 as may be amended under agreed provisions and also contained in a proposal of the European Commission to The European Parliament and of the Council for a regulation on enhancing ship and port facility security, dated May 2, 2003, ref. COM(2003) 229 final, 2003/0089 (COD).
11. The message caters for the provision of sending a Replacement or a Cancellation of a previously sent Original message.
12. The message content is uniquely identified by means of the message reference (in BGM 1004) and the message sender identification (in NAD(MS) 3039). All other identifying data, such as radio call sign of the vessel or voyage number, are secondary references pointing to data outside the message. The sending of replacements and updates also makes use of this principle.
13. The identification code of the party responsible for notification to the PA (a code for the carrier agent that is to be used in all notification messages) needs to be discussed and agreed between the Port Authority and the party. The party will be left the choice to use his own determined code that identifies the party or to use a code to be assigned by the Port Authority. This will allow liners/carriers acting world-wide to notify in all ports making use of one identification code if so desired, instead of using a different code in each port. (This is agreed to be able to uniquely identify the messages at the receiving side. Both the message and the sending party should be identifiable, these id's together are unique for a message.)
14. The PROTECT Port Authorities have agreed to derive their local BERMAN Implementation Guides from this PROTECT EDIFACT Message Implementation Guide applying the following rule: data not required (or treated) locally in a port, may be sent as long as it is according to this PROTECT EDIFACT Message Implementation Guide.
To minimise implementation differences for different ports it is advised to supply as much information as possible in each local BERMAN enabling the authorities to pick out what is locally required.

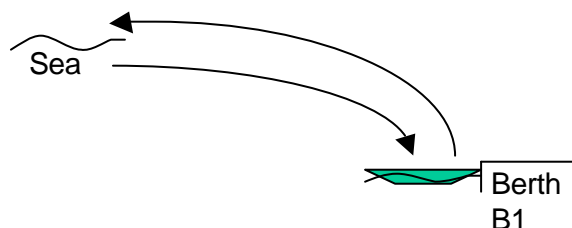
1.3 Message scenario's and basic message structure

To clarify the relation between Berths where the vessel will moore in the port, Services to be supplied at the berth(s) and the message structure as detailed in the next chapter, the following Message Scenario table is created.

The table presents two examples for message scenario's and indicates where the berth/services data will be placed in the message structure.

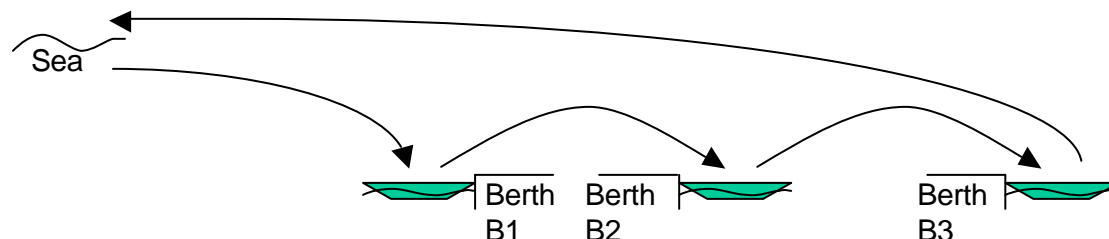
Message sequence in request scenario	Berth in request type of Berman -in BGM	Services group - in TSR- berth	Services group -in TSR- planned berth	Berth to - in LOC (164)	Berth at berth - in LOC (217)	ETA/ETD at berth	Services at berth - in HAN	Service providers at berth - in NAD in HAN
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Example 1 : Vessel Arriving from sea at B1, Departing from B1 to sea



1st msg	Arrival	<u>1st TSR</u> -berth		B1			service e.g. pilot + bootsmen	NAD's for: Pilot Corporation Company name
2nd msg	Departure	<u>1st TSR</u> -berth		B1			services ...	NAD's ...

Example 2 : Vessel Arriving from sea at B1, Shifting to B2, Shifting to B3, Departing from B3 to sea

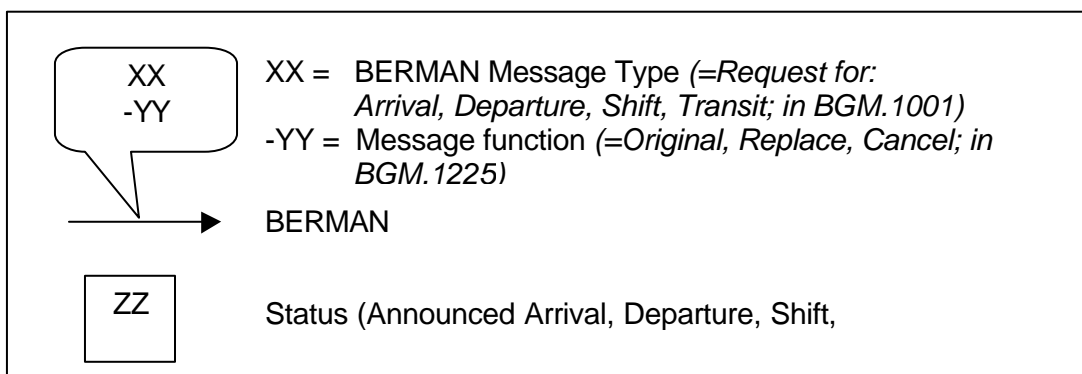


1st msg	Arrival	<u>1st TSR</u> -berth		B1	ETA	services ...	NAD's ...
or:							
1st msg	Arrival	<u>1st TSR</u> -berth		B1	ETA	services ...	NAD's ...
		<u>2nd TSR</u>	-planned	B2	ETA	-	-
or:							
1st msg	Arrival	<u>1st TSR</u> -berth		B1	ETA	services ...	NAD's ...
		<u>2nd TSR</u>	-planned	B2	ETA	-	-
		<u>3rd TSR</u>	-planned	B3	ETA	-	-
2nd msg	Shift	<u>1st TSR</u> -berth		B1	ETD (ETA)	services ...	NAD's ...
				B2		services ...	NAD's ...
or:							
2nd msg	Shift	<u>1st TSR</u> -berth		B1	ETD (ETA)	services ...	NAD's ...
		<u>2nd TSR</u>	-planned	B3	ETA	-	-
3rd msg	Shift	<u>1st TSR</u> -berth		B2	ETD (ETA)	services ...	NAD's ...
				B3		services ...	NAD's ...
3rd msg	Departure	<u>1st TSR</u> -berth		B2		services ...	NAD's ...

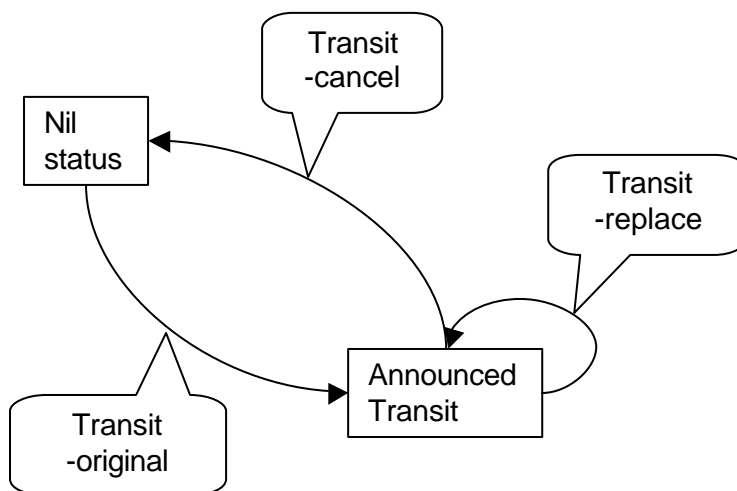
1.4 Message status diagram

This paragraph specifies the possible BERMAN message scenario's for a Vessel's berthing request messages and for a Vessel's transit request messages.

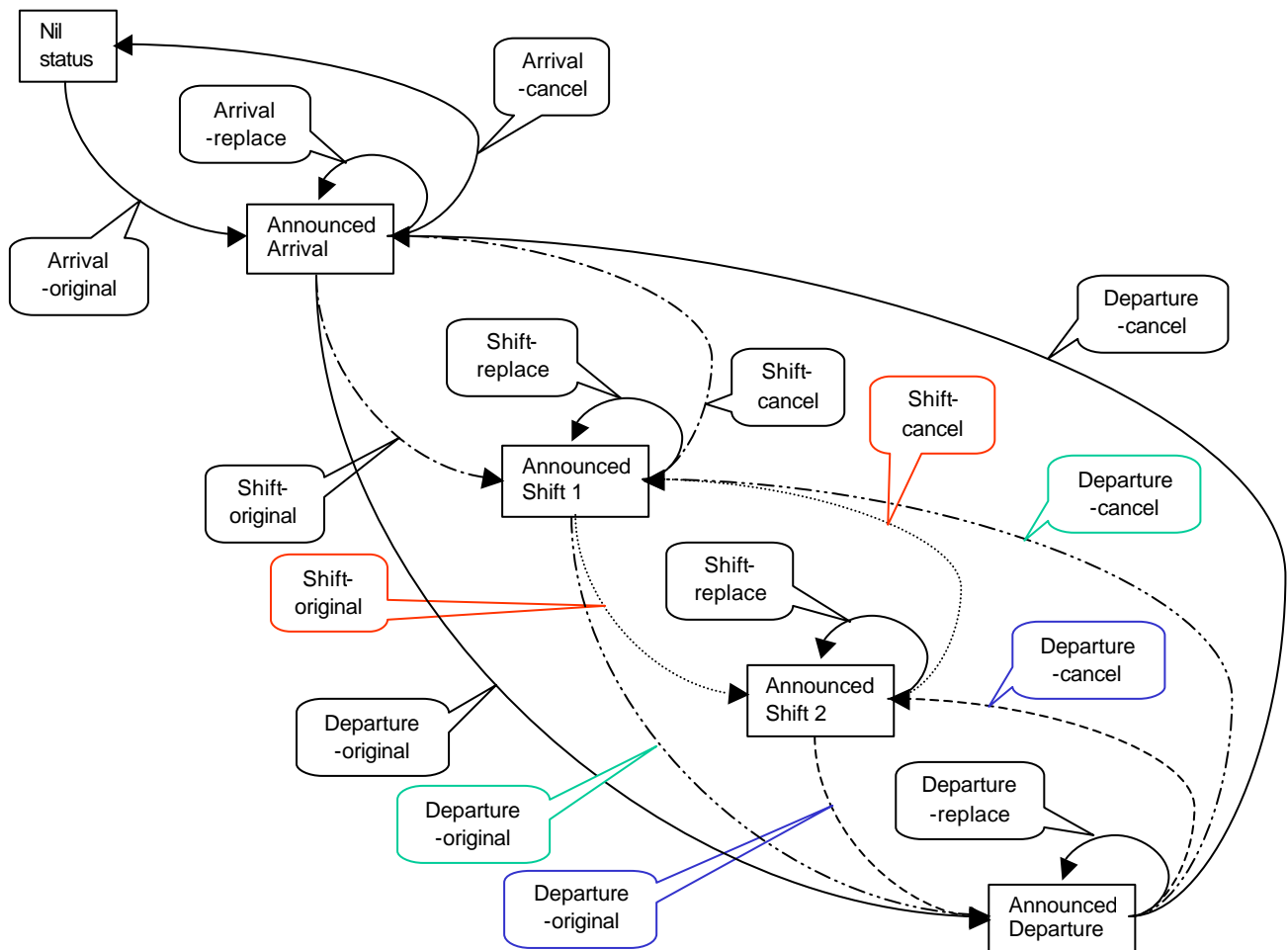
Legend :



Status diagram for a Vessel's transit request messages:



Status diagram for a Vessel's berth request messages:





2 Data attributes

Legend : M=mandatory, C=conditional, O=Optional, indication that attribute is mentioned in *IMO FAL Form 1 and/or SOLAS/ISPS Code*

Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
Header info:							
	MESSAGE TYPE REQUEST BERTH CODE	M	M =Arr/ Dep		BGM.1001	Code identifying the Berth request type of the message instance (e.g. request for arrival at, departure from berth in port, shift to other berth in port or request for transit through port area) as specified in the sender's business application.	
	MESSAGE REFERENCE	M			BGM.1004	Reference number of the message instance assigned by the sender that must be unique for the sender within the message type and business application area.	
	MESSAGE FUNCTION INDICATOR	M			BGM.1225	Indication whether the message is an original, a replacement or a cancellation.	
	MESSAGE D/T DATE TIME	M	M		DTM(137).2380	Date and time at which the information supplied in the message has been created (local time). (This is not (necessarily) the time the message is processed, converted or sent. It is the date/time of the 'letter' and not the date/time of the 'postal stamp' on the envelop (which is in UNB).)	
	MESSAGE CHANGE REFERENCE PREVIOUS MESSAGE	C			RFF(ACW).1154	Reference number assigned by the sender of the previously sent message instance to which the replacement (or other change(s)) apply.	To be completed in case message is other than Original.
	MESSAGE CHANGE REMARKS CODED	C			FTX(CHG).4441	Coded indication of the (kind of) change(s) contained in this message with respect to the previously sent message.	May only be completed in case message is other than Original.
	MESSAGE SENDER ID and NAD	M			NAD(MS).3039 and 3124	Identification code of the party sending the message.	
	MESSAGE SENDER CONTACT	O			CTA(IC).3412 in	Name of the contact person of the	



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	PERSON				NAD(MS) group	message sender.	
	MESSAGE SENDER CONTACT PHONE/FAX/E-MAIL	O			COM.3148(TE/FX/EM) in NAD(MS).CTA(IC)	Phone number / fax number / email address of the contact person of the party sending the message.	
	MESSAGE RECIPIENT ID	M			NAD(MR).3039	Identification code of the message recipient.	
Parties info:							
	-Agents	M, 5					
	MAIN VESSEL CARRIER AGENT ID and NAD	M	M		NAD(CG).3039 and 3124	Identification code of the party acting on behalf of the carrier of the main carriage vessel with respect to the consignments carried by the carrier.	
	MAIN VESSEL CARRIER AGENT CONTACT NAME	M			CTA(IC).3412 in NAD(CG) group	Name of the contact person of the carrier's agent.	
	MAIN OCEAN CARRIER AGENT CONTACT PHONE/FAX/EMAIL	O			COM.3148(TE/FX/EM) in NAD(CG).CTA(IC)	Phone number / fax number / email address of the contact person of the carrier's agent.	
	MAIN VESSEL OWNER AGENT NAD	M			NAD(DQ).3124	Name and address of the party acting on behalf of the owner of the main carriage vessel (synonym: ship's operator).	
	MAIN VESSEL OWNER AGENT CONTACT NAME	M			CTA(IC).3412 in NAD(DQ) group	Name of the contact person of the owner's agent.	
	MAIN VESSEL OWNER AGENT CONTACT PHONE/FAX/EMAIL	O			COM.3148(TE/FX/EM) in NAD(DQ).CTA(IC)	Phone number / fax number / email address of the contact person of the owner's agent.	
	MAIN VESSEL MASTER NAME	M	M		NAD(CPE).3124	Name of the person being the master of the vessel.	
	MAIN VESSEL SHIP SECURITY OFFICER	O		-	NAD(AM).3124	Name of the person who is assigned the role of Ship Security Officer in the context of the ISPS Code.	
	ISSC ISSUING AUTHORITY CODE or NAD	C		M	NAD(FO).3039 or 3124	Code or name and address of the Authority who has issued the International Ship Security Certificate (ISSC).	Either the code or the name is to be completed in case required by ISPS Code (e.g. depending on type of



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
							vessel, vessel is engaged in international voyage and vessel's gross tonnage).
Vessel info:							
	MAIN VESSEL ID RADIO CALL SIGN	M			RFF(VM).1154 in TDT group	Radio Call Sign of the main carriage vessel according to the ITU. Note: Should be completed without spaces or hyphens.	
	MAIN VESSEL ID LLOYD'S REGISTER NUMBER	M			TDT(20).8213	Identification of the main carriage vessel according to Lloyd's Register of Shipping (LRS).	
	MAIN VESSEL NAME	M	M		TDT.8212	Name of the main carriage vessel.	
	MAIN VESSEL NATIONALITY	M	M		TDT.8453	Code for nationality of the main carriage vessel according to UN Country code.	
	MAIN VESSEL CARRIER ID SCAC	O			TDT.3127	Identification of the carrier/shipowner of the main carriage vessel according to the SCAC code list (Standard Carrier Alpha Code).	
	MAIN VESSEL CARRIER NAD	O			NAD(CA).3124	Name and address of the carrier/shipowner of the main carriage vessel.	
	MAIN VESSEL TYPE CODE	O	M		TDT.8179	Code for vessel type according to Lloyd's Register of Shipping's code table for vessel types (Basic vessel type max. 5 characters).	
	MAIN VESSEL LENGTH	M			MEA(AAE).(ACS).(MT R).6314 in TDT group	Length of vessel according to Lloyd's Register of Shipping.	
	MAIN VESSEL WIDTH MAXIMUM	O			MEA(AAE).(WM).(MT R).6314 in TDT group	Maximum distance from side to side of the vessel.	
	MAIN VESSEL DEADWEIGHT	O			MEA (AAE)(ABY).(TNE). 6314	Registered summer dead weight total tonnage of the vessel.	



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	MAIN VESSEL TONNAGE GROSS	O	M		MEA(AAE).(AAM).(T NE).6314 in TDT group	The measure of the overall size of a ship determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships, 1969.	
	MAIN VESSEL HELISPOT PRESENT INDICATOR	O			FTX.(TDT).4441 in TDT group	Indication that the vessel is equipped with a helispot (a place where an helicopter can land and take off.	
	MAIN VESSEL PILOTAGE EXEMPTION NUMBER	O			RFF.(PEX new code).1154	The number of the declaration granting exemption with respect to the requirement to use piloting services for the vessel to enter or leave the port.	
	MAIN VESSEL WASTE REPORTING EXEMPTION INDICATOR	O			FTX.(WAS).4441 in TDT group	Indication that the vessel is exempted to file a waste report for the vessel's call in the port.	
	MAIN VESSEL REGISTRY PLACE CODE and NAME	O	M		LOC(89).3224 in TDT group	Name of the place where the vessel was officially registered.	
	MAIN VESSEL REGISTRY DATE	O	M		DTM(597).2380(102). in TDT.LOC group	Date that the vessel was officially registered.	
	MAIN VESSEL REGISTRY NUMBER	-	M			Number assigned by the registration authority in the place where the vessel was officially registered.	
Voyage info:							
	MAIN VESSEL PORT/CALL CODE	M	M		LOC(153).3225 in TDT group	Code for the port where the vessel calls/called. Code according to UNLOCODE.	
	MAIN VESSEL PORT/CALL ENTRY POINT CODE	C			LOC(153).C519.3223 in TDT group	Code for the point of entry where the vessel will enter the port area (VTS area). May also be completed in case the vessel makes a turn at sea when shifting berths.	To be completed in case Berth request type is Arrival or Transit.
	MAIN VESSEL PORT/CALL EXIT POINT CODE	C			LOC(153).C553.3223 in TDT group	Code for the point of exit where the vessel will leave the the port area (VTS area). May also be completed in case the vessel makes a turn at sea when shifting berths.	To be completed in case Berth request type is Departure or Transit.
	MAIN VESSEL PORT/CALL PREVIOUS CODE	C	O		LOC(94).3225 in TDT group	Code for the previous port of call of the vessel.	To be completed in case Berth request type is Arrival



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
						Code according to UNLOCODE.	or Transit.
	MAIN VESSEL PORT/CALL NEXT CODE	C			LOC(61).3225 in TDT group	Code for the next port of call of the vessel. Code according UN/LOCODE - Note: Add code XXXXX for 'Unknown'. - Note: Allow for 2-alpha country code (LEFO Vessels).	To be completed in case Berth request type is Departure or Transit.
	MAIN VESSEL PORT/CALL NEXT TEXT	C			LOC(61).3224 in TDT group	Textual description for the next port of call, including e.g. additional details such as: at anchor, waiting for orders.	May be completed in case Berth request type is Departure or Transit.
	MAIN VESSEL PORT/ORIGIN CODE	O			LOC(5).3225 in TDT group	Code for the port where the voyage of the main carriage vessel started.	
	MAIN VESSEL PORT/ORIGIN TEXT	O			LOC(5).3224 in TDT group	Name of the port where the voyage of the main carriage vessel started.	
	MAIN VESSEL PORT/DESTINATION CODE	O			LOC(8).3225 in TDT group	Code for the port where the voyage of the main carriage vessel ends.	
	MAIN VESSEL PORT/DESTINATION TEXT	O			LOC(8).3224 in TDT group	Name of the port where the voyage of the main carriage vessel ends.	
	MAIN VESSEL GOODS HAZARD YES/NO	M			FTX(HAZ).4440 in TDT group	Indication whether vessel carries dangerous goods during voyage or not.	
	MAIN VESSEL MANIFEST ON BOARD AVAILABLE INDICATOR	O			FTX(HAZ).DGM in TDT group	Confirmation that a list or manifest or appropriate loading plan giving details of the dangerous or polluting goods carried and of their location on the vessel is on board.	
	MAIN VESSEL CONFERENCE CODE	O			RFF (AGT) 1154 in TDT group	Code for the conference for which the vessel sails this voyage.	
	MAIN VESSEL CARGO DESCRIPTION TEXT	O	M		FTX(AAA).4440 in TDT group	General or brief description of the cargo on board the main carriage vessel.	
	MAIN VESSEL REPORT DEFECTS TEXT	O			FTX(AFJ).4440 in TDT group	Text describing the relevant defects to the vessel's equipment or cargo (e.g. to radar equipment, gyro compass, mariphone, or defects or damage to the vessel, or particularities such as: fire or overheated cargo).	



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	MAIN VESSEL REPORT DEFECTS CODE	O			FTX(AFJ).4441 in TDT group	Code indicating the defect to the vessel or vessel's equipment or cargo that has an negative impact on the safety of the vessel and/or vessel traffic (seaworthiness and manoeuvrability).	
	MAIN VESSEL VOYAGE DETAILS TEXT	O	M		FTX(TDT).4440 several lines	Text remarks as regards the vessel or her voyage (e.g. (alternative) name of the vessel; safety aspects such as: vessel was involved in accident, run aground, suffered damage).	
	MAIN VESSEL VOYAGE NUMBER	M			TDT.8028		
	MAIN VESSEL SHIP'S STAY REFERENCE	C			RFF(ATZ).1154 in TDT group	A visit number for the vessel's stay in the port, assigned by the Authority (e.g. PA, Customs or PCS)	To be completed in case message is other than Original or in case Berth request type is Departure or Shift berth in port.
	MAIN VESSEL DRAUGHT ACTUAL FOR	M			MEA(AAE).(AEQ).(M TR).6311 in TDT group	Depth of water from the surface of water to the bottom of the vessel measured at the draft mark of the bow.	
	MAIN VESSEL DRAUGHT ACTUAL AFT	M			MEA(AAE).(AER).(M TR).6311 in TDT group	Depth of water from the surface of water to the bottom of the vessel measured at the draft mark of the stern.	
	MAIN VESSEL MANOEUVRING SPEED	O			MEA(ABS).(NMH new code).6314 in TDT group	The manoeuvring speed of the vessel at the pilot station location or port area entrance.	
	MAIN VESSEL D/T ETA POC	C	C		DTM(132).2380 in TDT.LOC group	Expected date/time of arrival of the main carriage vessel at the entry point of the port area of the port of call (where this notification message is issued), expressed in local time.	To be completed in case Berth request type is Arrival or Transit.
	MAIN VESSEL D/T ETD POC	C	C		DTM(133).2380 in TDT.LOC group	Expected date/time of departure of the main carriage vessel in the port of call (where this notification message is issued), expressed in local time.	To be completed in case Berth request type is Departure.



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
Berth planning:		C,9			TSR(BPL= Planning) group	Berth that is planned to be visited by the vessel during the vessel's call in port.	Is not to be completed in case Berth request type is Departure or Transit.
	MAIN VESSEL BERTH CODE	C			LOC(164).3225 in TSR group	Code for the berth for the main carriage vessel in port of call, at which the vessel will moore in the port.	Code or text for the berth is to be completed.
	MAIN VESSEL BERTH TEXT	C			LOC(164).3224 in TSR group	Description for the berth for the main carriage vessel in port of call, at which the vessel will moore in the port, including e.g. additional details such as: jetty number or moorage pile/buoy 20-36.	Code or text for the berth is to be completed.
	MAIN VESSEL D/T ETA AT BERTH	O			DTM (132).2380 in TSR.LOC group	Expected date/time of arrival of the main carriage vessel at the berth in the port of call, expressed in local time.	
Berth request:		C,9			TSR(BER) group		To be completed in case Berth request type is other than Transit.
	MAIN VESSEL NUMBER/CREW ON BOARD	C	M		QTY(115).6060 in TSR group	Total number of crew on board the vessel, including the master.	To be completed in case Berth request type is Arrival or Departure.
	MAIN VESSEL NUMBER/PEOPLE ON BOARD	C	M		QTY(114).6060 in TSR	Total number of people on board the vessel, crew and passengers included, irrespective of their age.	To be completed in case Berth request type is Arrival or Departure.
	PRIORITY INDICATOR FOR PASSING LOCKS	O			TSR.4219	Indication that priority is requested for passing the locks.	
-Berth		M,1			LOC(164) group in TSR group	Information on the berth at which the vessel will moore in the port of call.	
	MAIN VESSEL BERTH CODE	C			LOC(164).3225 in TSR group	Code for the berth for the main carriage vessel in port of call, at which the vessel will moore in the port.	Code or text for the berth is to be completed.
	MAIN VESSEL BERTH TEXT	C			LOC(164).3224 in TSR group	Description for the berth for the main carriage vessel in port of call, at which the vessel will moore in the port, including e.g. additional details such as: jetty number or moorage pile/buoy 20-36.	Code or text for the berth is to be completed.



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	MAIN VESSEL BERTH MOORING INFO CODE	O			LOC(164).3223 in TSR group	Code for the mooring information for the main carriage vessel at the berth in port of call. The first 2 characters specify the Mooring side info (such as portside mooring) of the vessel, and these may be followed by 2 characters specifying the Berth extension info (such as mooring north to buoy). Format: XX or XX--; where XX is Mooring Side Info and -- is Berth Extension Info.	
	MAIN VESSEL BERTH RANGE TO CODE	O			LOC(164).3233 in TSR group	Code for the upto berth in a range of berths in case the main carriage vessel occupies a range of berths in the port.	
	MAIN VESSEL D/T ETA AT BERTH	C			DTM (132).2380 in TSR.LOC group	Expected date/time of arrival of the main carriage vessel at the berth in the port of call, expressed in local time.	To be completed in case Berth request type is Arrival.
	MAIN VESSEL D/T ETD AT BERTH	C			DTM(133).2380 in TSR.LOC group	Expected date/time of departure of the main carriage vessel from the berth in the port of call, expressed in local time.	To be completed in case Berth request type is Departure or Shift.
--Port services at Berth:		O, 4			HAN in TSR.LOC group		
	MAIN VESSEL PORT SERVICE REQUESTED CODE	O			HAN.4079 in TSR.LOC group	Code for the service that is requested to be arranged for the arrival/departure/transit of the vessel in the port of call or for shifting berths in the port (e.g. Arrange Pilotage, Arrange Boatsmen, Arrange Towage, Arrange Disposal of Waste).	
	MAIN VESSEL PORT SERVICE REMARKS TEXT	O			HAN.4078 in TSR.LOC group	Text for the special services that are requested to be arranged for the arrival/departure/transit of the vessel in the port of call or for shifting berths in the port (e.g. number of boatsmen, pilots or towing vessels to be decided by pilot or to be decided in consultation with captain if	



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
						necessary).	
	MAIN VESSEL NUMBER/PILOTS REQUIRED	C			QTY(321).6060 in TSR.LOC group		May only be completed in case Port service is Pilotage.
	MAIN VESSEL NUMBER/TOWAGE VESSELS REQUIRED	C			QTY(459).6060 in TSR.LOC group		May only be completed in case Port service is Towage.
	BOATSMEN COMPANY ID and NAD	O			NAD(BOA).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for mooring the vessel at the berth in the port.	
	PILOT COMPANY ID and NAD	O,2			NAD(PIL).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for the pilotage of the vessel in the port area and the harbour approach.	
	TOWAGE COMPANY ID and NAD	O,2			NAD(TOW).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for towing the vessel to the berth in the port.	
	MAIN VESSEL TYPE OF CALL AT BERTH CODE	O			POC.8025 in TSR.LOC group	Code for the handling action for the vessel at the berth, (e.g. Cargo operation, Bunkering, Repair, Disposal of waste, bunkering, tank cleaning, de-gassing, laying up, change crew).	
	MAIN VESSEL TYPE OF CALL AT BERTH TEXT	O			POC.8024 in TSR.LOC group	Description in text for the handling action for the vessel at the berth.	
	-Berth to (Next berth)	C,1			LOC(217=Next berth) group in TSR group	Information on the next berth to which the vessel will shift in the port of call.	Only to be completed in case Berth request type is Shift.



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	MAIN VESSEL BERTH CODE	C			LOC(217).3225 in TSR group	Code for the berth for the main carriage vessel in port of call, at which the vessel will moore in the port.	Code or text for the berth is to be completed.
	MAIN VESSEL BERTH TEXT	C			LOC(217).3224 in TSR group	Description for the berth for the main carriage vessel in port of call, at which the vessel will moore in the port, including e.g. additional details such as: jetty number or moorage pile/buoy 20-36.	Code or text for the berth is to be completed.
	MAIN VESSEL BERTH MOORING INFO CODE	O			LOC(164).3223 in TSR group	Code for the mooring information for the main carriage vessel at the berth in port of call. The first 2 characters specify the Mooring side info (such as portside mooring) of the vessel, and these may be followed by 2 characters specifying the Berth extension info (such as mooring north to buoy). Format: XX or XX--; where XX is Mooring Side Info and -- is Berth Extension Info.	
	MAIN VESSEL BERTH RANGE TO CODE	O			LOC(164).3233 in TSR group	Code for the upto berth in a range of berths in case the main carriage vessel occupies a range of berths in the port.	
	MAIN VESSEL D/T ETA AT BERTH	O			DTM (132).2380 in TSR.LOC group	Expected date/time of arrival of the main carriage vessel at the berth in the port of call, expressed in local time.	
--Port services at Next Berth:		O, 4			HAN in TSR.LOC group		
	MAIN VESSEL PORT SERVICE REQUESTED CODE	M			HAN.4079 in TSR.LOC group	Code for the service that is requested to be arranged for the arrival/departure/transit of the vessel in the port of call or for shifting berths in the port (e.g. Arrange Pilotage, Arrange Boatsmen, Arrange Towage, Arrange Disposal of Waste).	



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	MAIN VESSEL PORT SERVICE REMARKS TEXT	O			HAN.4078 in TSR.LOC group	Text for the special services that are requested to be arranged for the arrival/departure/transit of the vessel in the port of call or for shifting berths in the port (e.g. number of boatsmen, pilots or towing vessels to be decided by pilot or to be decided in consultation with captain if necessary).	
	MAIN VESSEL NUMBER/PILOTS REQUIRED	C			QTY(321).6060 in TSR.LOC group		May only be completed in case Port service is Pilotage.
	MAIN VESSEL NUMBER/TOWAGE VESSELS REQUIRED	C			QTY(459).6060 in TSR.LOC group		May only be completed in case Port service is Towage.
	BOATSMEN COMPANY ID and NAD	O			NAD(BOA).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for mooring the vessel at the berth in the port.	
	PILOT COMPANY ID and NAD	O,2			NAD(PIL).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for the pilotage of the vessel in the port area and the harbour approach.	
	TOWAGE COMPANY ID and NAD	O,2			NAD(TOW).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for towing the vessel to the berth in the port.	
	MAIN VESSEL TYPE OF CALL AT BERTH CODE	O			POC.8025 in TSR.LOC group	Code for the handling action for the vessel at the berth, (e.g. Cargo operation, Bunkering, Repair, Disposal of waste, bunkering, tank cleaning, de-gassing, laying up, change crew).	
	MAIN VESSEL TYPE OF CALL AT BERTH TEXT	O			POC.8024 in TSR.LOC group	Description in text for the handling action for the vessel at the berth.	
Transit request:		C,1			TSR group		To be completed in case Berth request type is Transit.



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	MAIN VESSEL OUTBOUND/INBOUND INDICATOR	C			TSR.7273	Code to indicate whether the main carriage vessel's voyage through the port area is outbound or inbound (seabound or hinterlandbound respectively) without requesting berth in the port area.	
	MAIN VESSEL NUMBER/CREW ON BOARD	M	M		QTY(115).6060 in TSR group	Total number of crew on board the vessel, including the master.	
	MAIN VESSEL NUMBER/PEOPLE ON BOARD	M	M		QTY(114).6060 in TSR	Total number of people on board the vessel, crew and passengers included, irrespective of their age.	
	REQUESTED PRIORITY FOR PASSING LOCK	O			TSR.4219	Indication of the requested priority for passing the locks.	
-Activity location:		O,1			LOC(175) group in TSR group		
	MAIN VESSEL ACTIVITY LOCATION CODE	C			LOC(164).3225 in TSR group	Code for the location where a certain activity takes place with respect to the main carriage vessel in port of call, e.g. where pilot will embark.	Code or text for the activity location is to be completed.
	MAIN VESSEL ACTIVITY LOCATION TEXT	C			LOC(164).3224 in TSR group	Description for the location where a certain activity takes place for the main carriage vessel in port of call, e.g. where pilot will embark.	Code or text for the activity location is to be completed.
	MAIN VESSEL D/T ETA AT ACTIVITY LOCATION	O			DTM (132).2380 in TSR.LOC group	Expected date/time of arrival of the main carriage vessel at the berth in the port of call, expressed in local time.	
--Port services at Activity location:		M,2			HAN in TSR.LOC group		
	MAIN VESSEL PORT SERVICE REQUESTED CODE	M			HAN.4079 in TSR.LOC group	Code for the service that is requested to be arranged for the arrival/departure/transit of the vessel in the port of call or for shifting berths in the port (e.g. Arrange Pilotage, Arrange Boatsmen, Arrange Towage, Arrange Disposal of Waste).	



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	MAIN VESSEL PORT SERVICE REMARKS TEXT	O			HAN.4078 in TSR.LOC group	Text for the special services that are requested to be arranged for the arrival/departure/transit of the vessel in the port of call or for shifting berths in the port (e.g. number of boatsmen, pilots or towing vessels to be decided by pilot or to be decided in consultation with captain if necessary).	
	MAIN VESSEL NUMBER/PILOTS REQUIRED	C			QTY(321).6060 in TSR.LOC group		May only be completed in case Port service is Pilotage.
	MAIN VESSEL NUMBER/TOWAGE VESSELS REQUIRED	C			QTY(459).6060 in TSR.LOC group		May only be completed in case Port service is Towage.
	PILOT COMPANY ID and NAD	O			NAD(PIL).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for the pilotage of the vessel in the port area and the harbour approach.	
	TOWAGE COMPANY ID and NAD	O			NAD(TOW).3039 and 3124 in TSR.LOC.HAN group	Name of the party responsible for towing the vessel to the berth in the port.	
	Ship security services:	C			TSR(SEC) group		To be completed in case required by ISPS Code (e.g. depending on type of vessel, vessel is engaged in international voyage and vessel's gross tonnage).



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	ISSC ON BOARD YES/NO	M		M	FTX(SEC new code).4441	Confirmation that a valid (Interim) International Ship Security Certificate (ISSC) - as issued under the provisions of part A of the International Ship and Port facility Security (ISPS) Code, adopted by the Conference of Contracting Governments on 12 December 2002, in the amendments to the annex to the International Convention of Safety of Life at Sea (SOLAS), 1974 and as may be amended under agreed provisions - is available on board or not.	
	SECURITY LEVEL CURRENT CODE	M		M	FTX(SEC new code).4441	Indication of the security level (as defined in the ISPS Code) at which the ship is currently operating (i.e. at the date/time of this message). Values: 1,2, 3.	
	SECURITY RELATED INFO TEXT	O		O	FTX(SEC new code).4440	Text describing other practical security related information (but not details of the ship security plan), taking into account the guidance given in part B of the ISPS Code (e.g security measures currently in force on the ship) .	
	CAPABLE TO EXECUTE ISPS CODE YES/NO	M		-	FTX(SEC).4441	Indication whether or not the vessel's crew is capable of executing the ISPS Code (i.e. maintaining security of the whole vessel at all possible security levels according to ISPS Code).	
	SECURITY MEASURES REQUESTED	O		-	FTX(SER).4440	Text describing any special or additional security measures that are requested to be executed by the port facility concerning the ship/port interface to be conducted (e.g. access controls, supervision of ship's stores).	



Entity	Data attribute	BER MAN	IMO FAL	SOLAS /ISPS	Mapping	Definition	Condition
	SECURITY PROCEDURES FOLLOWED YES/NO	O		M	FTX(SEH Security history).4441	Indication whether or not appropriate ship security procedures were maintained during any ship to ship activity during the time frame covered by the 10 last calls at port facilities (consequently including ship to ship interfaces at sea during that time frame).	
	-Previous ports security info	M,10		M		To be completed at least once and to occur maximum 10 times for the last 10 calls at port facilities in previous ports of call of the vessel (so, where a ship/port interface was conducted).	
	SECURITY LEVEL AT PREVIOUS PORT FACILITY	M		M	FTX(SEH Security history).4441	Indication of the Security level at which the ship operated in a previous port where it has conducted a ship/port interface. Values: 1,2, 3.	
	MAIN VESSEL PORT/CALL PREVIOUS CODE	M		-	LOC(94).3225 in TSR group	Code for the previous port of call of the vessel where the ship/port interface was conducted.	
	MAIN VESSEL D/T ATA-ATD PERIOD PORT/CALL PREVIOUS	O		-	DTM(512).2380(711)	Period between actual date/time of arrival and the actual time of departure of the main carriage vessel in previous port of call, expressed in local time.	
	SECURITY MEASURES AT PREVIOUS PORT FACILITY TEXT	O		O	FTX(SEH).4440	Text describing any special or additional security measures that were taken by the ship in the previous port where it had conducted a ship/port interface.	

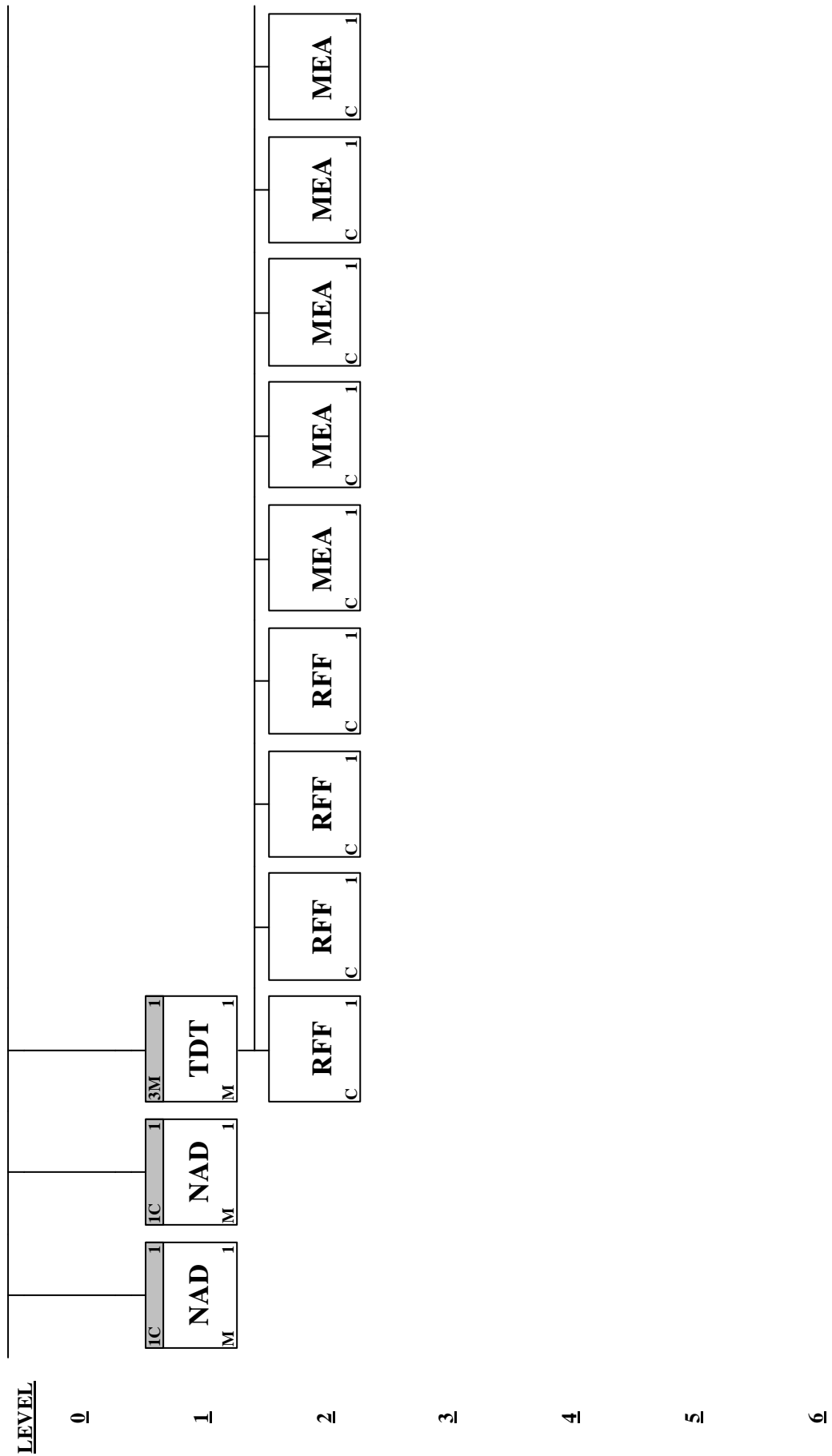
3 Message structure

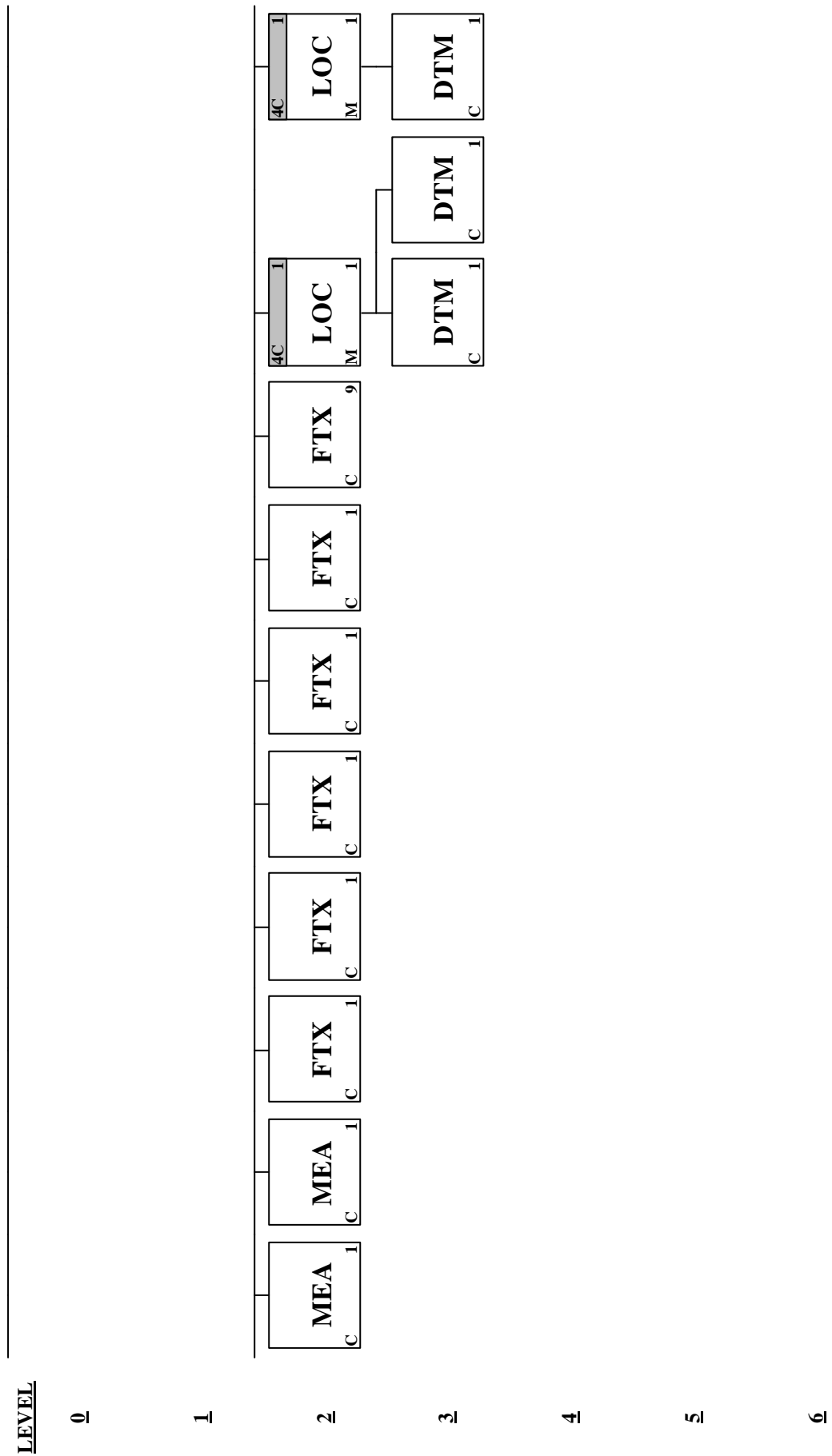
Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
	0010	UNH	Message Header	M	M	1		
37	0020	BGM	Beginning of Message	M	M	1		
39	0030	DTM	Date/Time/Period	C	R	1		
40	0040	FTX	Free Text	C	D	1		
42	0050	RFF	Reference	C	D	1		
	0070		Segment Group 1: NAD-SG2	M	M		1	
44	0080	NAD	Name and Address	M	M	1		
	0090		Segment Group 2: CTA-COM	C	O		1	
47	0100	CTA	Contact Information	M	M	1		
48	0110	COM	Communication Contact	C	O	3		
	0070		Segment Group 1: NAD	C	R		1	
50	0080	NAD	Name and Address	M	M	1		
	0070		Segment Group 1: NAD-SG2	C	R		5	
53	0080	NAD	Name and Address	M	M	1		
	0090		Segment Group 2: CTA-COM	C	R		1	
56	0100	CTA	Contact Information	M	M	1		
57	0110	COM	Communication Contact	C	O	3		
	0070		Segment Group 1: NAD-SG2	C	R		1	
59	0080	NAD	Name and Address	M	M	1		
	0090		Segment Group 2: CTA-COM	C	R		1	
62	0100	CTA	Contact Information	M	M	1		
63	0110	COM	Communication Contact	C	O	3		
	0070		Segment Group 1: NAD	C	O		1	
65	0080	NAD	Name and Address	M	M	1		
	0070		Segment Group 1: NAD	C	R		1	
68	0080	NAD	Name and Address	M	M	1		
	0070		Segment Group 1: NAD	C	O		1	
71	0080	NAD	Name and Address	M	M	1		
	0070		Segment Group 1: NAD	C	O		1	
74	0080	NAD	Name and Address	M	M	1		
	0120		Segment Group 3: TDT-RFF-MEA-FTX-SG4	M	M		1	
77	0130	TDT	Transport Information	M	M	1		
79	0140	RFF	Reference	C	D	1		
80	0140	RFF	Reference	C	R	1		
81	0140	RFF	Reference	C	O	1		
82	0140	RFF	Reference	C	O	1		
83	0160	MEA	Measurements	C	R	1		
84	0160	MEA	Measurements	C	O	1		
85	0160	MEA	Measurements	C	O	1		
86	0160	MEA	Measurements	C	O	1		
87	0160	MEA	Measurements	C	R	1		
88	0160	MEA	Measurements	C	R	1		
89	0160	MEA	Measurements	C	O	1		
90	0170	FTX	Free Text	C	O	1		
91	0170	FTX	Free Text	C	R	1		
92	0170	FTX	Free Text	C	O	1		
93	0170	FTX	Free Text	C	O	1		
94	0170	FTX	Free Text	C	O	1		
95	0170	FTX	Free Text	C	O	9		
	0190		Segment Group 4: LOC-DTM	C	R		1	
98	0200	LOC	Place/Location Identification	M	M	1		

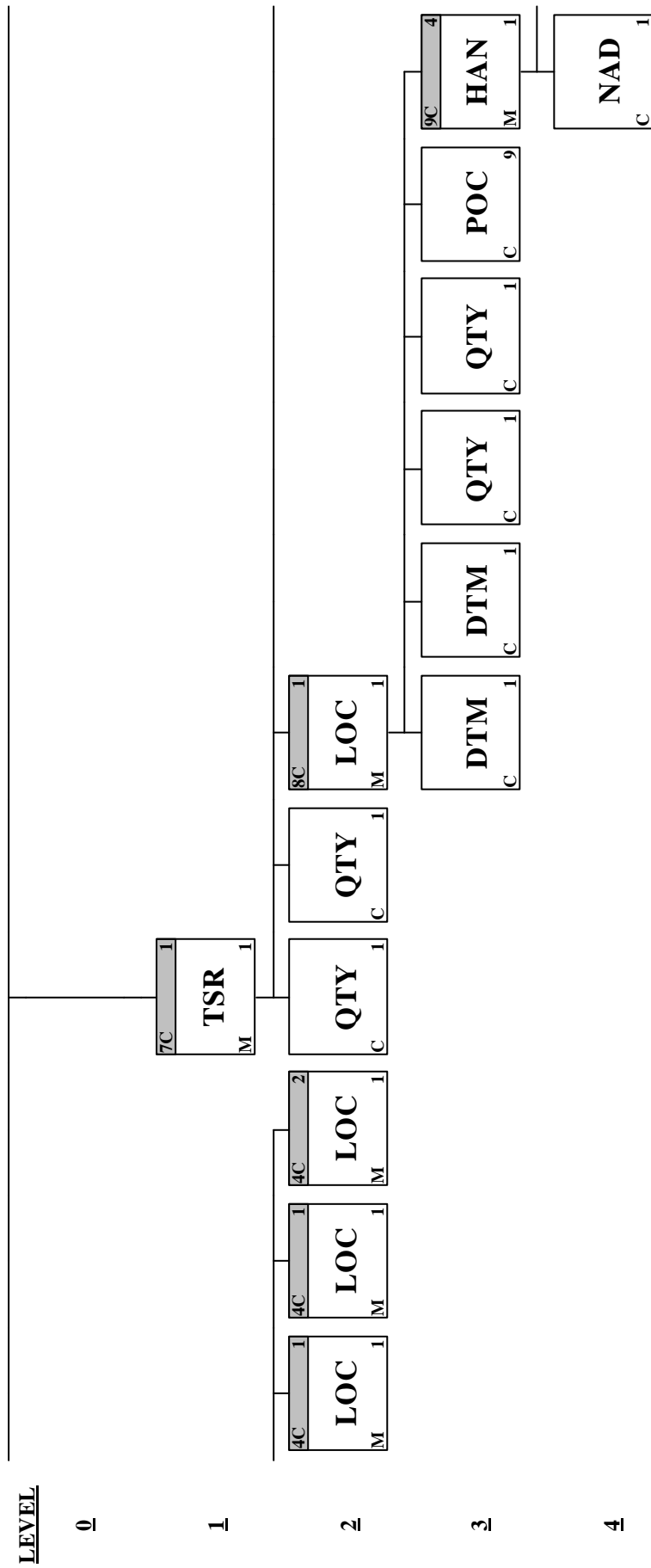
99	0210	DTM	Date/Time/Period	C	D	1			
100	0210	DTM	Date/Time/Period	C	D	1			
	0190		Segment Group 4: LOC-DTM	C	O	1			
102	0200	LOC	Place/Location Identification	M	M	1			
103	0210	DTM	Date/Time/Period	C	O	1			
	0190		Segment Group 4: LOC	C	O	1			
105	0200	LOC	Place/Location Identification	M	M	1			
	0190		Segment Group 4: LOC	C	O	1			
107	0200	LOC	Place/Location Identification	M	M	1			
	0190		Segment Group 4: LOC	C	O	2			
109	0200	LOC	Place/Location Identification	M	M	1			
	0300		Segment Group 7: TSR-QTY-SG8	C	O	1			
112	0310	TSR	Transport Service Requirements	M	M	1			
114	0320	QTY	Quantity	C	D	1			
115	0320	QTY	Quantity	C	D	1			
	0340		Segment Group 8: LOC-DTM-POC-SG9	C	R	1			
117	0350	LOC	Place/Location Identification	M	M	1			
119	0370	DTM	Date/Time/Period	C	D	1			
120	0370	DTM	Date/Time/Period	C	D	1			
121	0380	QTY	Quantity	C	D	1			
122	0380	QTY	Quantity	C	D	1			
123	0390	POC	Purpose of Conveyance Call	C	O	9			
	0410		Segment Group 9: HAN-NAD	C	O	4			
126	0420	HAN	Handling Instructions	M	M	1			
127	0430	NAD	Name and Address	C	D	1			
129	0430	NAD	Name and Address	C	D	2			
131	0430	NAD	Name and Address	C	D	2			
	0340		Segment Group 8: LOC-DTM-POC-SG9	C	O	1			
134	0350	LOC	Place/Location Identification	M	M	1			
136	0370	DTM	Date/Time/Period	C	O	1			
137	0380	QTY	Quantity	C	D	1			
138	0380	QTY	Quantity	C	D	1			
139	0390	POC	Purpose of Conveyance Call	C	O	9			
	0410		Segment Group 9: HAN-NAD	C	O	4			
142	0420	HAN	Handling Instructions	M	M	1			
143	0430	NAD	Name and Address	C	D	1			
145	0430	NAD	Name and Address	C	D	2			
147	0430	NAD	Name and Address	C	D	1			
	0300		Segment Group 7: TSR-QTY-SG8	C	O	1			
150	0310	TSR	Transport Service Requirements	M	M	1			
152	0320	QTY	Quantity	C	R	1			
153	0320	QTY	Quantity	C	R	1			
	0340		Segment Group 8: LOC-DTM-SG9	C	R	1			
155	0350	LOC	Place/Location Identification	M	M	1			
156	0370	DTM	Date/Time/Period	C	O	1			
157	0380	QTY	Quantity	C	D	1			
158	0380	QTY	Quantity	C	D	1			
	0410		Segment Group 9: HAN-NAD	C	O	2			
160	0420	HAN	Handling Instructions	M	M	1			
161	0430	NAD	Name and Address	C	D	1			
163	0430	NAD	Name and Address	C	D	1			
	0300		Segment Group 7: TSR-SG8	C	O	9			
166	0310	TSR	Transport Service Requirements	M	M	1			
	0340		Segment Group 8: LOC-DTM	C	R	1			
168	0350	LOC	Place/Location Identification	M	M	1			
169	0370	DTM	Date/Time/Period	C	O	1			

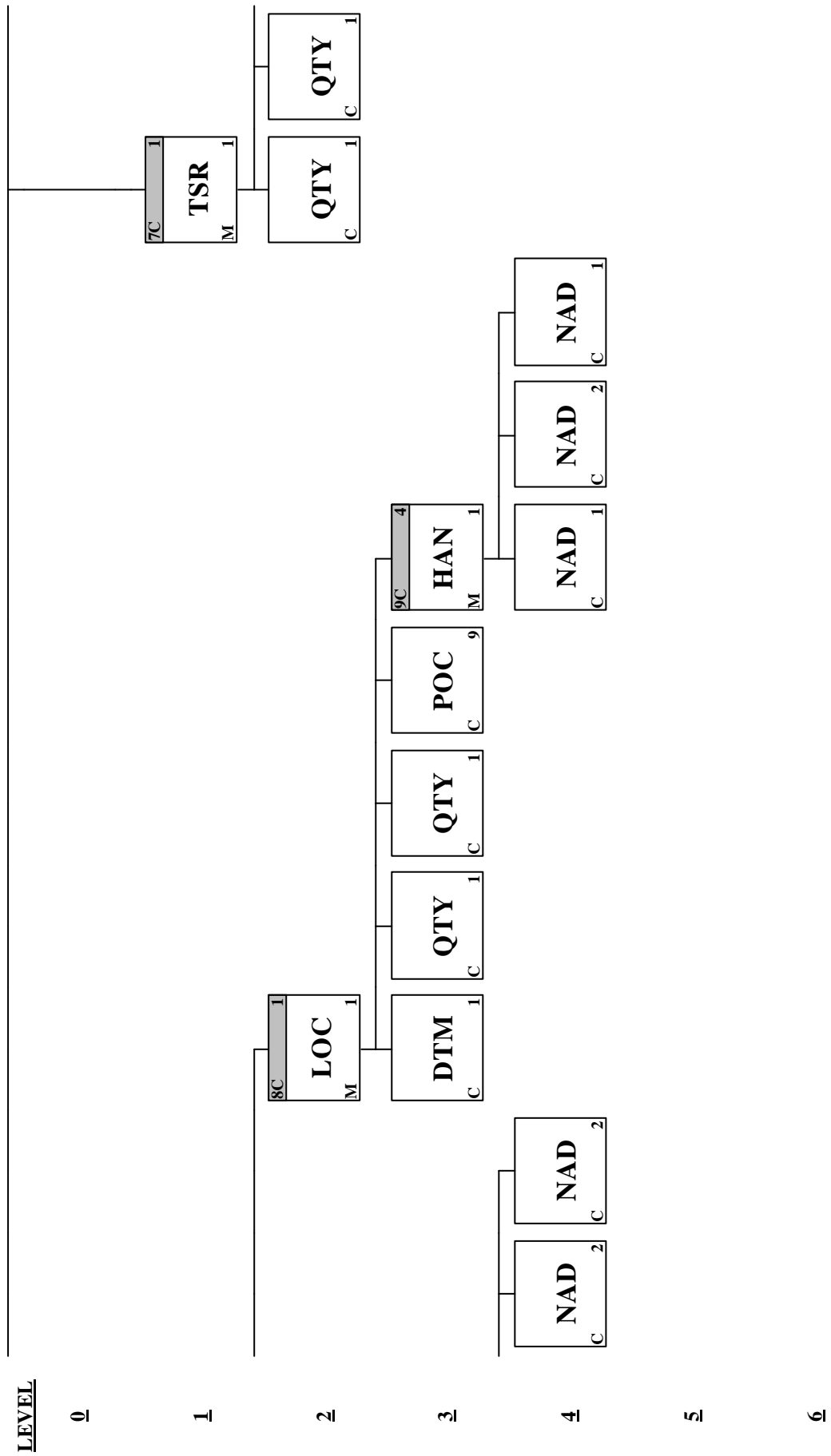
	0300		Segment Group 7: TSR-FTX-SG8	C	O	1			
171	0310	TSR	Transport Service Requirements	M	M	1			
172	0330	FTX	Free Text	C	R	1			
173	0330	FTX	Free Text	C	R	1			
174	0330	FTX	Free Text	C	R	1			
175	0330	FTX	Free Text	C	O	1			
176	0330	FTX	Free Text	C	O	1			
	0340		Segment Group 8: LOC-DTM-FTX	C	R	10			
178	0350	LOC	Place/Location Identification	M	M	1			
179	0370	DTM	Date/Time/Period	C	O	1			
180	0400	FTX	Free Text	C	R	1			
181	0500	UNT	Message Trailer	M	M	1			

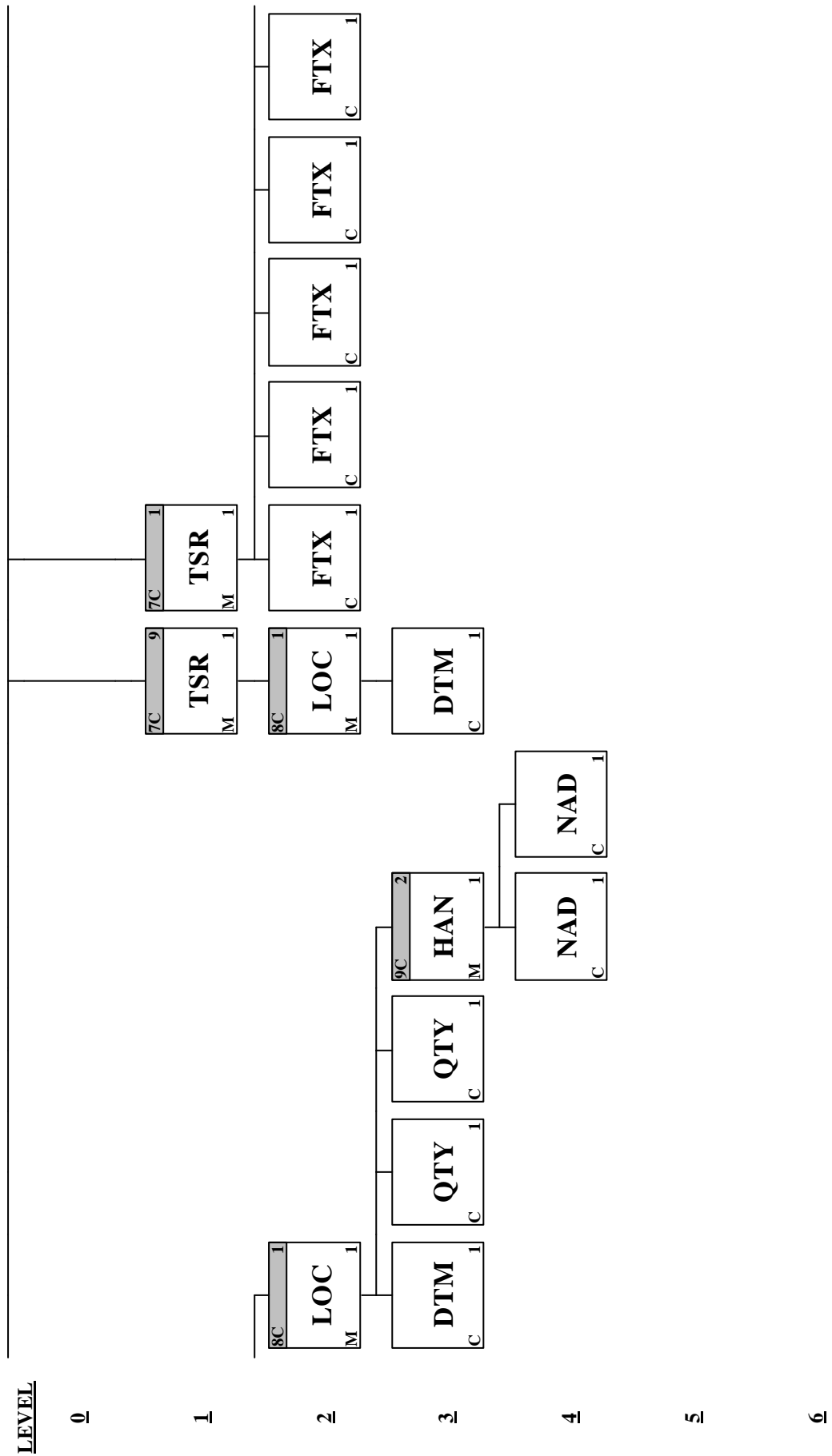


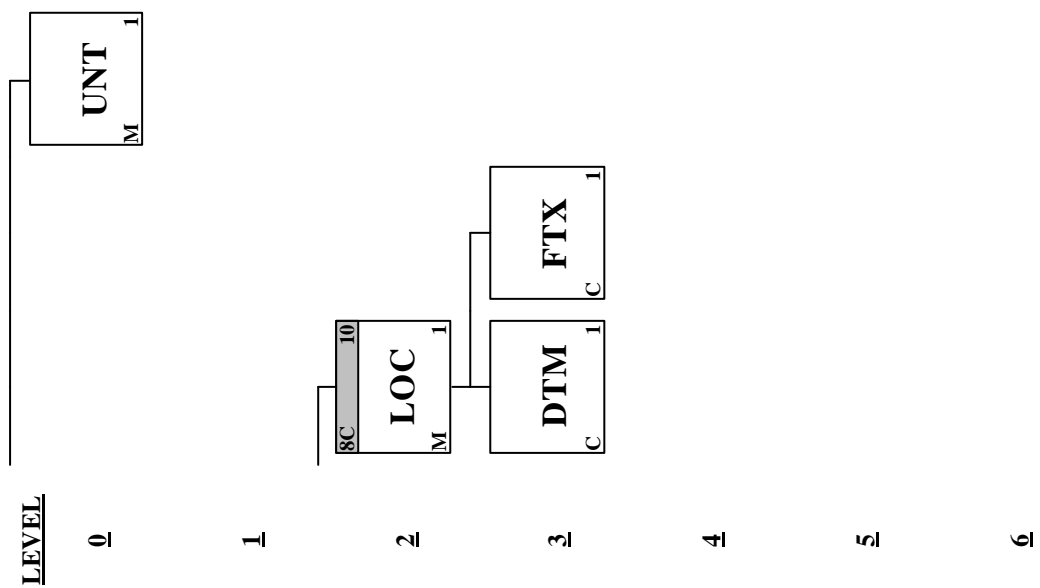












4 Data segment specification

Segment: **UNH** Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Berth management message is BERMAN.
 Note: Berth management messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 BERMAN 0052 D 0054 03A
 0051 UN

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. <i>This reference must be unique for the message occurrence regardless the message type and business application area.</i> <i>Data element [0062] must be identical in the UNH- and UNT-segment.</i>	M 1 an..14	M
S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M 1	M
	0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. <i>BERMAN Berth management message</i> <i>A code to identify the berth management message.</i>	M an..6	M
	0052	Message type version number Version number of a message type. <i>D Draft version/UN/EDIFACT Directory</i> <i>Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).</i>	M an..3	M
	0054	Message type release number Release number within the current message type version number (0052). <i>03A Release 2003 - A</i> <i>Message approved and issued in the first 2003 release of the UNTDID (United Nations Trade Data Interchange Directory).</i>	M an..3	M
	0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. <i>UN UN/ECE/TRADE/WP.4</i> <i>United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).</i>	M an..2	M
	0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. <i>PROT20 PROTECT Version 2.0</i>	C an..6	R
	0068	COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C 1 an..35	X
S010		STATUS OF THE TRANSFER Statement that the message is one in a sequence of transfers relating to the same topic.	C 1	X

0070	Sequence message transfer number	M	n..2	X
	Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.			
0073	First/last sequence message transfer indication	C	a1	X
	Indication used for the first and last message in a sequence of the same type of message relating to the same topic.			

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the beginning of the message by identifying the message by a message number.

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C002	1001	DOCUMENT/MESSAGE NAME	C	1
		Identification of a type of document/message by code or name. Code preferred.		R
		Document name code	C	an..3
		Code specifying the document name.		R
		Business Rules:		
		Variable Name:BerthRequestType		
		MESSAGE TYPE REQUEST BERTH CODE	M	
		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.		
		318		
		Application for shifting from the designated place in port		
		Document to apply for shifting from the designated place in port.		
C106	1131	Code list qualifier	C	an..17
		Identification of a code list.		X
	3055	Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		X
	1000	Document name	C	an..35
		Name of a document.		X
	1004	DOCUMENT/MESSAGE IDENTIFICATION	C	1
		Identification of a document/message by its number and eventually its version or revision.		R
	1056	Document identifier	C	an..35
		To identify a document.		R
1225	1060	MESSAGE REFERENCE	M	
		Version identifier	C	an..9
		To identify a version.		X
		Revision identifier	C	an..6
		To identify a revision.		X
		MESSAGE FUNCTION CODE	C	1 an..3
		Code indicating the function of the message.		R
		Business Rules:		
		Variable Name:MessageFunction		
		MESSAGE FUNCTION INDICATOR	M	
		1		
		Cancellation		
		Message cancelling a previous transmission for a given transaction.		
		5		
		Replace		
		Message replacing a previous message.		



9

Original

Initial transmission related to a given transaction.

4343

RESPONSE TYPE CODE

C 1 an..3 X

Code specifying the type of acknowledgment required or transmitted.

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 0
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to identify a date and time on which the message is prepared.
Dependency Notes:

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation. MESSAGE D/T DATE TIME M	C an..35	R
	2379	Date or time or period format code Code specifying the representation of a date, time or period. 203 CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	C an..3	R

Segment: **FTX** Free Text
Position: 0040
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to give free form or coded text information at message level
Dependency Notes:
Business Rules: 1. If MessageFunction EQ '9', then set Usage to 'Not Used'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. <i>CHG</i> Change information Note contains change information.	M 1 an..3	M
4453		TEXT FUNCTION, CODED Code specifying the purpose of the text.	C 1 an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R
	4441	Free text identification Free text in coded form.	M an..17	M
MESSAGE CHANGE REMARKS CODED				
		<i>CAM</i> Change or cancellation because of mistake Previous message contained mistake(s). Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).		
		<i>CAN</i> Cancellation because vessel does not carry dangerous substances Previous message is cancelled because the vessel for which dangerous or polluting goods were notified to be loaded, in transit or discharged in the previous message does not carry those goods.		
		<i>CAO</i> Cancellation because operation not carried out Previous message is cancelled because handling action or operation notified in the previous message will not be carried out.		
		<i>CAV</i> Cancellation because vessel does not call Previous message is cancelled because the vessel notified in previous message does not call in the port.		
		<i>CHB</i> Change of berth The berth(s) notified in previous message has (have) changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).		
		<i>CHD</i> Change of date/times of means of transport Date/times for arrival or departure of a means transport notified in previous message has been changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).		
		<i>CHM</i> Change of mode of transport Mode of transport notified in previous message has changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).		
		<i>CHV</i> Change of means of transport Means of transport notified in previous message has changed. Note: Change may be on message level or on detail level as indicated in BGM 1225 (codes 5, 4, 33).		

C108	1131	Code list qualifier Identification of a code list.	C	an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	X
		TEXT LITERAL Free text; one to five lines.	C	1	X
	4440	Free text Free text field available to the message sender for information.	M	an..512	X
	4440	Free text Free text field available to the message sender for information.	C	an..512	X
	4440	Free text Free text field available to the message sender for information.	C	an..512	X
	4440	Free text Free text field available to the message sender for information.	C	an..512	X
	4440	Free text Free text field available to the message sender for information.	C	an..512	X
	3453	LANGUAGE, CODED Code of language (ISO 639-1988).	C	1 an..3	X
	4447	TEXT FORMATTING, CODED Code specifying the formatting parameters for the text.	C	1 an..3	X

Segment: **RFF** Reference
Position: 0050
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to provide a reference relating to the whole message, such as: -
reference to previous message.

Dependency Notes:

Business Rules: 1. If MessageFunction NE '9', then set Usage to 'Must Use'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C506		REFERENCE Identification of a reference.	M 1	M
	1153	Reference code qualifier Code qualifying a reference. <i>ACW</i> <i>Reference number to previous message</i> <i>Reference number assigned to the message which was previously issued (e.g. in the case of a cancellation, the primary reference of the message to be cancelled will be quoted in this element).</i>	M an..3	M
	1154	Reference identifier Identifies a reference.	C an..70	R
		<i>MESSAGE CHANGE REFERENCE PREVIOUS MESSAGE</i>	C	
	1156	Document line identifier To identify a line of a document.	C an..6	X
	4000	Reference version identifier To identify the version of a reference.	C an..35	X
	1060	Revision identifier To identify a revision.	C an..6	X



Group: **NAD** Segment Group 1: Name and Address - MS
Position: 0070
Group:
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A group of segments to identify a party related to the message.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0080	NAD	Name and Address	M	1	
	0090		Segment Group 2: Contact Information	C		1

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>MS Document/message issuer/sender Issuer of a document and/or sender of a message.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	R
	3039	Party identifier Code specifying the identity of a party. <i>MESSAGE SENDER ID M</i>	M an..35	M
	1131	Code list qualifier Identification of a code list.	C an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	R
	3124	Name and address description Free form description of a name and address line. <i>MESSAGE SENDER NAD M</i>	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier	M an..35	X

	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Identification of a code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code identifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				

Group: **CTA** **Segment Group 2: Contact Information**
Position: 0090
Group: Segment Group 1 (Name and Address - MS) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify a contact and its communications related to the party.

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0100	CTA	Contact Information	M	1	
O	0110	COM	Communication Contact	C	3	

Segment: **CTA** **Contact Information**
Position: 0100 (Trigger Segment)
Group: SG1-SG2
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or a department within the party.
Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		CONTACT FUNCTION CODE Code specifying the function of a contact (e.g. department or person). <i>IC Information contact Department/person to contact for questions regarding transactions.</i>	C 1 an..3	R
C056		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C 1	R
	3413	Department or employee name code Code specifying the name of a department or employee.	C an..17	X
	3412	Department or employee name Name of a department or employee.	C an..35	R
MESSAGE SENDER CONTACT PERSON O				

Segment: **COM** **Communication Contact**
Position: 0110
Group: SG1-SG2
Level: 3
Usage: Conditional (Optional)
Max Use: 3
Purpose: A segment to identify a communication number of the contact to whom communication should be directed.

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		COMMUNICATION CONTACT	M 3	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication address identifier	M an..512	M
		To identify a communication address.		
		MESSAGE SENDER CONTACT PHONE/FAX/E-MAIL	O	
3155		Communication address code qualifier	M an..3	M
		Code qualifying the communication address.		
	EM	Electronic mail		
	FX	Exchange of mail by electronic means.		
	TE	Telefax		
		Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.		
		Telephone		
		Voice/data transmission by telephone.		



Group: **NAD** Segment Group 1: Name and Address - MR
Position: 0070
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to identify a party related to the message.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0080	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>MR Message recipient</i> <i>A party to receive a message or messages.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	R
	3039	Party identifier Code specifying the identity of a party. <i>MESSAGE RECIPIENT ID M</i>	M an..35	M
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	X
	3124	Name and address description Free form description of a name and address line.	M an..35	X
	3124	Name and address description Free form description of a name and address line.	C an..35	X
	3124	Name and address description Free form description of a name and address line.	C an..35	X
	3124	Name and address description Free form description of a name and address line.	C an..35	X
	3124	Name and address description Free form description of a name and address line.	C an..35	X
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier To identify a street and number and/or Post Office box number.	M an..35	X

	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code specifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			



Group: **NAD** Segment Group 1: Name and Address - Carrier Agent
Position: 0070
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 5
Purpose: A group of segments to identify a party related to the message.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0080	NAD	Name and Address	M	1	
	0090		Segment Group 2: Contact Information	C		1

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>CG Carrier's agent</i> <i>Party authorized to act for or on behalf of carrier.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	R
	3039	Party identifier Code specifying the identity of a party. <i>MAIN VESSEL CARRIER AGENT ID</i> M	M an..35	M
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	R
	3124	Name and address description Free form description of a name and address line. <i>MAIN VESSEL CARRIER AGENT NAD</i> M	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier	M an..35	X

	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Code identifying a user or association maintained code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code specifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				



Group: **CTA** **Segment Group 2: Contact Information**
Position: 0090
Group: Segment Group 1 (Name and Address - Carrier Agent) Conditional
(Required)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0100	CTA	Contact Information	M	1	
O	0110	COM	Communication Contact	C	3	

Segment: **CTA** **Contact Information**
Position: 0100 (Trigger Segment)
Group: SG1-SG2
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or a department within the party.
Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		CONTACT FUNCTION CODE Code specifying the function of a contact (e.g. department or person). <i>IC Information contact Department/person to contact for questions regarding transactions.</i>	C 1 an..3	R
C056		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C 1	R
	3413	Department or employee name code Code specifying the name of a department or employee.	C an..17	X
	3412	Department or employee name Name of a department or employee.	C an..35	R
MAIN VESSEL CARRIER AGENT CONTACT NAME M				

Segment: **COM** **Communication Contact**
Position: 0110
Group: SG1-SG2
Level: 3
Usage: Conditional (Optional)
Max Use: 3
Purpose: A segment to identify a communication number of the contact to whom communication should be directed.

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C076		COMMUNICATION CONTACT	M 3	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication address identifier	M an..512	M
		To identify a communication address.		
		MAIN OCEAN CARRIER AGENT CONTACT PHONE/FAX/EMAIL		O
	3155	Communication address code qualifier	M an..3	M
		Code qualifying the communication address.		
		EM Electronic mail		
		FX Exchange of mail by electronic means.		
		TE Telefax		
		Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.		
		TE Telephone		
		Voice/data transmission by telephone.		



Group: **NAD** Segment Group 1: Name and Address - Vessel Owner Agent
Position: 0070
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to identify a party related to the message.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0080	NAD	Name and Address	M	1	
	0090		Segment Group 2: Contact Information	C		1

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>DQ Owner's agent</i> <i>Person acting on delegation of powers of the owner.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	X
	3039	Party identifier Code specifying the identity of a party.	M an..35	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	R
	3124	Name and address description Free form description of a name and address line. <i>MAIN VESSEL OWNER AGENT NAD M</i>	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier To identify a street and number and/or Post Office box number.	M an..35	X

	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code specifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			



Group: **CTA** **Segment Group 2: Contact Information**
Position: 0090
Group: Segment Group 1 (Name and Address - Vessel Owner Agent)
Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0100	CTA	Contact Information	M	1	
O	0110	COM	Communication Contact	C	3	

Segment: **CTA** **Contact Information**
Position: 0100 (Trigger Segment)
Group: SG1-SG2
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or a department within the party.
Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		CONTACT FUNCTION CODE Code specifying the function of a contact (e.g. department or person). <i>IC Information contact Department/person to contact for questions regarding transactions.</i>	C 1 an..3	R
C056		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C 1	R
	3413	Department or employee name code Code specifying the name of a department or employee.	C an..17	X
	3412	Department or employee name Name of a department or employee.	C an..35	R
MAIN VESSEL OWNER AGENT CONTACT NAME M				

Segment: **COM** **Communication Contact**
Position: 0110
Group: SG1-SG2
Level: 3
Usage: Conditional (Optional)
Max Use: 3
Purpose: A segment to identify a communication number of the contact to whom communication should be directed.

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M 3	M
	3148	Communication address identifier To identify a communication address.	M an..512	M
		MAIN VESSEL OWNER AGENT CONTACT PHONE/FAX/EMAIL		O
	3155	Communication address code qualifier Code qualifying the communication address.	M an..3	M
		EM Electronic mail		
		FX Exchange of mail by electronic means.		
		TELEFAX Telefax		
		TELETYPE Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.		
		TE Telephone		
		TELEPHONE VOICE Voice/data transmission by telephone.		



Group: **NAD** Segment Group 1: Name and Address - Carrier
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify a party related to the message.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0080	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. CA Carrier (3126) Party undertaking or arranging transport of goods between named points.	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	X
	3039	Party identifier Code specifying the identity of a party.	M an..35	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	R
	3124	Name and address description Free form description of a name and address line. MAIN VESSEL CARRIER NAD O	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier	M an..35	X

	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Code identifying a user or association maintained code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code specifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				



Group: **NAD** Segment Group 1: Name and Address - Master
Position: 0070
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to identify a party related to the message.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0080	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>CPE Vessel master</i> <i>[3408] Master of the means of transport.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	X
	3039	Party identifier Code specifying the identity of a party.	M an..35	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	R
	3124	Name and address description Free form description of a name and address line. <i>MAIN VESSEL MASTER NAME M</i>	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier To identify a street and number and/or Post Office box number.	M an..35	X

	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code specifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			



Group: **NAD** Segment Group 1: Name and Address - SSO
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify a party related to the message.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0080	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>AM</i> <i>Authorized official</i> <i>Employee of a company or firm authorized to act on behalf of that company or firm e.g. to make a Customs declaration.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	X
	3039	Party identifier Code specifying the identity of a party.	M an..35	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	R
	3124	Name and address description Free form description of a name and address line. <i>MAIN VESSEL SHIP SECURITY OFFICER</i> O	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier	M an..35	X

	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Code identifying a user or association maintained code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code specifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				



Group: **NAD** Segment Group 1: Name and Address - ISCC issuing authority
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify a party related to the message.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0080	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the name and address of the ship's agent. The function to be qualified: - ship agent

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>FO Party performing inspection</i> <i>A party which inspects something.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	O
	3039	Party identifier Code specifying the identity of a party.	M an..35	M
		<i>ISSC ISSUING AUTHORITY CODE</i> C		
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	O
	3124	Name and address description Free form description of a name and address line.	M an..35	M
		<i>ISSC ISSUING AUTHORITY NAD</i> C		
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box identifier	M an..35	X

	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box identifier	C	an..35	X	
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Code identifying a user or association maintained code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code specifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				

Group: **TDT** Segment Group 3: Transport Information
Position: 0120
Group:
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A group of segments to specify details for the arriving means of transport.

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0130	TDT	Transport Information	M	1	
D	0140	RFF	Reference	C	1	
R	0140	RFF	Reference	C	1	
O	0140	RFF	Reference	C	1	
O	0140	RFF	Reference	C	1	
R	0160	MEA	Measurements	C	1	
O	0160	MEA	Measurements	C	1	
O	0160	MEA	Measurements	C	1	
O	0160	MEA	Measurements	C	1	
R	0160	MEA	Measurements	C	1	
R	0160	MEA	Measurements	C	1	
O	0160	MEA	Measurements	C	1	
O	0170	FTX	Free Text	C	1	
R	0170	FTX	Free Text	C	1	
O	0170	FTX	Free Text	C	1	
O	0170	FTX	Free Text	C	1	
O	0170	FTX	Free Text	C	1	
O	0170	FTX	Free Text	C	9	
	0190		Segment Group 4: Place/Location Identification	C		1
	0190		Segment Group 4: Place/Location Identification	C		1
	0190		Segment Group 4: Place/Location Identification	C		1
	0190		Segment Group 4: Place/Location Identification	C		1
	0190		Segment Group 4: Place/Location Identification	C		2

Segment: **TDT** Transport Information
Position: 0130 (Trigger Segment)
Group: SG3
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the transport details of the arriving vessel.
Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
8051		TRANSPORT STAGE CODE QUALIFIER Code qualifying a specific stage of transport. 20 <i>Main-carriage transport</i> <i>The primary stage in the movement of cargo from the point of origin to the intended destination.</i>	M 1 an..3	M	
8028		MEANS OF TRANSPORT JOURNEY IDENTIFIER To identify a journey of a means of transport. <i>MAIN VESSEL VOYAGE NUMBER M</i>	C 1 an..17	R	
C220		MODE OF TRANSPORT Method of transport code or name. Code preferred.	C 1	R	
	8067	Transport mode name code Code specifying the name of a mode of transport. 1 <i>Maritime transport</i>	C an..3	R	
	8066	Transport mode name Name of a mode of transport.	C an..17	X	
C001		TRANSPORT MEANS Code and/or name identifying the type of means of transport.	C 1	O	
	8179	Transport means description code Code specifying the means of transport. <i>MAIN VESSEL TYPE CODE O</i>	C an..8	R	
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	8178	Transport means description Free form description of the means of transport.	C an..17	X	
C040		CARRIER Identification of a carrier by code and/or by name. Code preferred.	C 1	O	
	3127	Carrier identifier To identify a carrier. <i>MAIN VESSEL CARRIER ID SCAC O</i>	C an..17	R	
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	3128	Carrier name Name of a carrier.	C an..35	X	
8101		TRANSIT DIRECTION INDICATOR CODE Code specifying the direction of transport.	C 1 an..3	X	
C401		EXCESS TRANSPORTATION INFORMATION To provide details of reason for, and responsibility for, use of transportation other than normally utilized.	C 1	X	
	8457	Excess transportation reason code Code specifying the reason for excess transportation.	M an..3	X	
	8459	Excess transportation responsibility code Code specifying the responsibility for excess transportation.	M an..3	X	

C222	7130	Customer shipment authorisation identifier	C	an..17	X
		To identify the authorisation to ship issued by the customer.			
		TRANSPORT IDENTIFICATION	C	1	R
		Code and/or name identifying the means of transport.			
	8213	Transport means identification name identifier	C	an..9	R
		Identifies the name of the transport means.			
		<i>MAIN VESSEL ID LLOYD'S REGISTER NUMBER</i>	<i>M</i>		
	1131	Code list qualifier	C	an..17	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	8212	Transport means identification name	C	an..70	R
		Name identifying a means of transport.			
		<i>*Note: Representation extended to 70 characters (an..70 instead of an..35).</i>			
		<i>MAIN VESSEL NAME</i>	<i>M</i>		
	8453	Transport means nationality code	C	an..3	R
		Code specifying the nationality of a means of transport.			
		<i>MAIN VESSEL NATIONALITY</i>	<i>M</i>		
8281		TRANSPORT MEANS OWNERSHIP INDICATOR CODE	C	1 an..3	X
		Code indicating the ownership of a means of transport.			

Segment: **RFF** Reference
Position: 0140
Group: SG3
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a relevant reference number, such as: - Lloyds number - shipping line reference - conference - internal customer code

Dependency Notes:

Business Rules: 1. If BerthRequestType EQ '186' or BerthRequestType EQ '318', then set Usage to 'Must Use'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE Identification of a reference.	M 1	M
	1153	Reference code qualifier Code qualifying a reference. ATZ <i>Ship's stay reference number</i> <i>Reference number assigned by a port authority to the stay of a vessel in the port.</i>	M an..3	M
	1154	Reference identifier Identifies a reference.	C an..70	R
		MAIN VESSEL SHIP'S STAY REFERENCE	C	
	1156	Document line identifier To identify a line of a document.	C an..6	X
	4000	Reference version identifier To identify the version of a reference.	C an..35	X
	1060	Revision identifier To identify a revision.	C an..6	X

Segment: **RFF** Reference
Position: 0140
Group: SG3
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to identify a relevant reference number, such as: - Lloyds number - shipping line reference - conference - internal customer code

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C506		REFERENCE Identification of a reference.	M 1	M
	1153	Reference code qualifier Code qualifying a reference. <i>VM Vessel identification (8123) Reference identifying a vessel.</i>	M an..3	M
	1154	Reference identifier Identifies a reference. <i>MAIN VESSEL ID RADIO CALL SIGN M</i>	C an..70	R
	1156	Document line identifier To identify a line of a document.	C an..6	X
	4000	Reference version identifier To identify the version of a reference.	C an..35	X
	1060	Revision identifier To identify a revision.	C an..6	X

Segment: **RFF** Reference
Position: 0140
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a relevant reference number, such as: - Lloyds number - shipping line reference - conference - internal customer code

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C506		REFERENCE Identification of a reference.	M 1	M
	1153	Reference code qualifier Code qualifying a reference. <i>AGT Service group identification number</i> <i>Identification used for a group of services.</i>	M an..3	M
	1154	Reference identifier Identifies a reference.	C an..70	R
		MAIN VESSEL CONFERENCE CODE 0		
	1156	Document line identifier To identify a line of a document.	C an..6	X
	4000	Reference version identifier To identify the version of a reference.	C an..35	X
	1060	Revision identifier To identify a revision.	C an..6	X

Segment: **RFF** Reference
Position: 0140
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a relevant reference number, such as: - Lloyds number - shipping line reference - conference - internal customer code

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE Identification of a reference.	M 1	M
	1153	Reference code qualifier Code qualifying a reference. <i>PEX Pilotage exemption number</i> <i>*Code added.</i>	M an..3	M
	1154	Reference identifier Identifies a reference. <i>MAIN VESSEL PILOTAGE EXEMPTION NUMBER</i>	C an..70	R
	1156	Document line identifier To identify a line of a document.	C an..6	X
	4000	Reference version identifier To identify the version of a reference.	C an..35	X
	1060	Revision identifier To identify a revision.	C an..6	X

Segment: **MEA** Measurements
Position: 0160
Group: SG3
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify physical dimensions of the vessel such as: - breadth - total length - draught - dead-weight

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. <i>AAE Measurement [6314] Value of the measured unit.</i>	M 1 an..3	M	
C502		MEASUREMENT DETAILS Identification of measurement type.	C 1	R	
	6313	Measured attribute code Code specifying the attribute measured. <i>ACS Vessel overall length Total overall length of the vessel.</i>	C an..3	R	
	6321	Measurement significance code Code specifying the significance of a measurement.	C an..3	X	
	6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement.	C an..17	X	
	6154	Non-discrete measurement name Name of a non-discrete measurement.	C an..70	X	
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C 1	R	
	6411	Measurement unit code Code specifying the unit of measurement. <i>MTR Meter</i>	M an..8	M	
	6314	Measurement value To specify the value of a measurement. <i>*Note: Representation limited to numerical values (n..18 instead of an..18). MAIN VESSEL LENGTH M</i>	C n..18	R	
	6162	Range minimum value To specify the minimum value of a range.	C n..18	X	
	6152	Range maximum value To specify the maximum value of a range.	C n..18	X	
	6432	Significant digits quantity Count of the number of significant digits.	C n..2	X	
7383		SURFACE OR LAYER CODE Code specifying the surface or layer of an object.	C 1 an..3	X	

Segment: **MEA** Measurements
Position: 0160
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify physical dimensions of the vessel such as: - breadth - total length - draught - dead-weight

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. <i>AAE Measurement</i> <i>[6314] Value of the measured unit.</i>	M 1 an..3	M	
C502		MEASUREMENT DETAILS Identification of measurement type.	C 1	R	
	6313	Measured attribute code Code specifying the attribute measured. <i>WM Width, maximum</i> <i>The maximum distance from side to side.</i>	C an..3	R	
	6321	Measurement significance code Code specifying the significance of a measurement.	C an..3	X	
	6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement.	C an..17	X	
	6154	Non-discrete measurement name Name of a non-discrete measurement.	C an..70	X	
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C 1	R	
	6411	Measurement unit code Code specifying the unit of measurement. <i>MTR Meter</i>	M an..8	M	
	6314	Measurement value To specify the value of a measurement. <i>*Note: Representation limited to numerical values (n..18 instead of an..18).</i> <i>MAIN VESSEL WIDTH MAXIMUM O</i>	C n..18	R	
	6162	Range minimum value To specify the minimum value of a range.	C n..18	X	
	6152	Range maximum value To specify the maximum value of a range.	C n..18	X	
	6432	Significant digits quantity Count of the number of significant digits.	C n..2	X	
7383		SURFACE OR LAYER CODE Code specifying the surface or layer of an object.	C 1 an..3	X	

Segment: **MEA** Measurements
Position: 0160
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify physical dimensions of the vessel such as: - breadth - total length - draught - dead-weight

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. <i>AAE Measurement [6314] Value of the measured unit.</i>	M 1 an..3	M	
C502		MEASUREMENT DETAILS Identification of measurement type.	C 1	R	
	6313	Measured attribute code Code specifying the attribute measured. <i>ABY Conveyance summer dead weight Registered summer dead weight total tonnage of the vessel.</i>	C an..3	R	
	6321	Measurement significance code Code specifying the significance of a measurement.	C an..3	X	
	6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement.	C an..17	X	
	6154	Non-discrete measurement name Name of a non-discrete measurement.	C an..70	X	
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C 1	R	
	6411	Measurement unit code Code specifying the unit of measurement. <i>TNE [Metric) Tonne</i>	M an..8	M	
	6314	Measurement value To specify the value of a measurement. <i>*Note: Representation limited to numerical values (n..18 instead of an..18). MAIN VESSEL DEADWEIGHT O</i>	C n..18	R	
	6162	Range minimum value To specify the minimum value of a range.	C n..18	X	
	6152	Range maximum value To specify the maximum value of a range.	C n..18	X	
	6432	Significant digits quantity Count of the number of significant digits.	C n..2	X	
7383		SURFACE OR LAYER CODE Code specifying the surface or layer of an object.	C 1 an..3	X	

Segment: **MEA** Measurements
Position: 0160
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify physical dimensions of the vessel such as: - breadth - total length - draught - dead-weight

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. <i>AAE Measurement [6314] Value of the measured unit.</i>	M 1 an..3	M	
C502		MEASUREMENT DETAILS Identification of measurement type.	C 1	R	
	6313	Measured attribute code Code specifying the attribute measured. <i>AAM Gross tonnage of the vessel [6300] The measure of the overall size of a ship determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships, 1969.</i>	C an..3	R	
	6321	Measurement significance code Code specifying the significance of a measurement.	C an..3	X	
	6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement.	C an..17	X	
	6154	Non-discrete measurement name Name of a non-discrete measurement.	C an..70	X	
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C 1	R	
	6411	Measurement unit code Code specifying the unit of measurement. <i>TNE [Metric) Tonne</i>	M an..8	M	
	6314	Measurement value To specify the value of a measurement. <i>*Note: Representation limited to numerical values (n..18 instead of an..18). MAIN VESSEL TONNAGE GROSS O</i>	C n..18	R	
	6162	Range minimum value To specify the minimum value of a range.	C n..18	X	
	6152	Range maximum value To specify the maximum value of a range.	C n..18	X	
	6432	Significant digits quantity Count of the number of significant digits.	C n..2	X	
7383		SURFACE OR LAYER CODE Code specifying the surface or layer of an object.	C 1 an..3	X	

Segment: **MEA** Measurements
Position: 0160
Group: SG3
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify physical dimensions of the vessel such as: - breadth - total length - draught - dead-weight

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. <i>AAE Measurement [6314] Value of the measured unit.</i>	M	1 an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	1	R
	6313	Measured attribute code Code specifying the attribute measured. <i>AEQ Forward draft Depth of water from the surface of water to the bottom of the vessel measured at the draft mark of the bow.</i>	C	an..3	R
	6321	Measurement significance code Code specifying the significance of a measurement.	C	an..3	X
	6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement.	C	an..17	X
	6154	Non-discrete measurement name Name of a non-discrete measurement.	C	an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	1	R
	6411	Measurement unit code Code specifying the unit of measurement. <i>MTR Meter</i>	M	an..8	M
	6314	Measurement value To specify the value of a measurement. <i>*Note: Representation limited to numerical values (n..18 instead of an..18). MAIN VESSEL DRAUGHT ACTUAL FOR M</i>	C	n..18	R
	6162	Range minimum value To specify the minimum value of a range.	C	n..18	X
	6152	Range maximum value To specify the maximum value of a range.	C	n..18	X
	6432	Significant digits quantity Count of the number of significant digits.	C	n..2	X
7383		SURFACE OR LAYER CODE Code specifying the surface or layer of an object.	C	1 an..3	X

Segment: **MEA** **Measurements**
Position: 0160
Group: SG3
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify physical dimensions of the vessel such as: - breadth - total length - draught - dead-weight

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. <i>AAE Measurement [6314] Value of the measured unit.</i>	M 1 an..3	M	
C502		MEASUREMENT DETAILS Identification of measurement type.	C 1	R	
	6313	Measured attribute code Code specifying the attribute measured. <i>AER After draft Depth of water from the surface of water to the bottom of the vessel measured at the draft mark of the stern.</i>	C an..3	R	
	6321	Measurement significance code Code specifying the significance of a measurement.	C an..3	X	
	6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement.	C an..17	X	
	6154	Non-discrete measurement name Name of a non-discrete measurement.	C an..70	X	
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C 1	R	
	6411	Measurement unit code Code specifying the unit of measurement. <i>MTR Meter</i>	M an..8	M	
	6314	Measurement value To specify the value of a measurement. <i>*Note: Representation limited to numerical values (n..18 instead of an..18). MAIN VESSEL DRAUGHT ACTUAL AFT M</i>	C n..18	R	
	6162	Range minimum value To specify the minimum value of a range.	C n..18	X	
	6152	Range maximum value To specify the maximum value of a range.	C n..18	X	
	6432	Significant digits quantity Count of the number of significant digits.	C n..2	X	
7383		SURFACE OR LAYER CODE Code specifying the surface or layer of an object.	C 1 an..3	X	

Segment: **MEA** **Measurements**
Position: 0160
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify physical dimensions of the vessel such as: - breadth - total length - draught - dead-weight

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. <i>ABS Velocity Speed.</i>	M	1 an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	1	X
	6313	Measured attribute code Code specifying the attribute measured.	C	an..3	X
	6321	Measurement significance code Code specifying the significance of a measurement.	C	an..3	X
	6155	Non-discrete measurement name code Code specifying the name of a non-discrete measurement.	C	an..17	X
	6154	Non-discrete measurement name Name of a non-discrete measurement.	C	an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	1	R
	6411	Measurement unit code Code specifying the unit of measurement. <i>NMH Nautical mile per hour</i> <i>*Code added.</i>	M	an..8	M
	6314	Measurement value To specify the value of a measurement. <i>*Note: Representation limited to numerical values (n..18 instead of an..18).</i> <i>MAIN VESSEL MANOEUVRING SPEED O</i>	C	n..18	R
	6162	Range minimum value To specify the minimum value of a range.	C	n..18	X
	6152	Range maximum value To specify the maximum value of a range.	C	n..18	X
	6432	Significant digits quantity Count of the number of significant digits.	C	n..2	X
7383		SURFACE OR LAYER CODE Code specifying the surface or layer of an object.	C	1 an..3	X

Segment: **FTX** Free Text
Position: 0170
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to provide supplementary information related to the means of transport, such as: - segregated ballast tanks - double bottom

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAA <i>Goods description</i> <i>[7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term).</i>	M 1 an..3	M
4453		TEXT FUNCTION, CODED Code specifying the purpose of the text.	C 1 an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	X
	4441	Free text identification Free text in coded form.	M an..17	X
	1131	Code list qualifier Identification of a code list.	C an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C 1	R
	4440	Free text Free text field available to the message sender for information.	M an..512	M
		MAIN VESSEL CARGO DESCRIPTION TEXT O		
	4440	Free text Free text field available to the message sender for information.	C an..512	O
	4440	Free text Free text field available to the message sender for information.	C an..512	O
	4440	Free text Free text field available to the message sender for information.	C an..512	O
	4440	Free text Free text field available to the message sender for information.	C an..512	O
	4440	Free text Free text field available to the message sender for information.	C an..512	O
3453		LANGUAGE, CODED Code of language (ISO 639-1988).	C 1 an..3	X
4447		TEXT FORMATTING, CODED Code specifying the formatting parameters for the text.	C 1 an..3	X

Segment: **FTX** Free Text
Position: 0170
Group: SG3
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to provide supplementary information related to the means of transport, such as: - segregated ballast tanks - double bottom

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>HAZ Hazard information</i> <i>Information pertaining to a hazard.</i>	M 1 an..3	M	
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R	
	4441	Free text identification Code specifying free form text. <i>MAIN VESSEL GOODS HAZARD YES/NO M</i> <i>DGN No dangerous goods on board</i> <i>DGY Dangerous goods on board</i>	M an..17	M	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
C108		TEXT LITERAL Free text; one to five lines.	C 1	X	
	4440	Free text Free form text.	M an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X	
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X	

Segment: **FTX** Free Text
Position: 0170
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to provide supplementary information related to the means of transport, such as: - segregated ballast tanks - double bottom

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>HAZ Hazard information</i> <i>Information pertaining to a hazard.</i>	M 1 an..3	M
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R
	4441	Free text identification Code specifying free form text.	M an..17	M
		MAIN VESSEL MANIFEST ON BOARD AVAILABLE INDICATOR <i>DGM Manifest on board</i>		O
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C 1	X
	4440	Free text Free form text.	M an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X

Segment: **FTX** Free Text
Position: 0170
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to provide supplementary information related to the means of transport, such as: - segregated ballast tanks - double bottom

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>WAS Waste information</i>	M 1 an..3	M
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R
	4441	Free text identification Code specifying free form text.	M an..17	M
		MAIN VESSEL WASTE REPORTING EXEMPTION INDICATOR 0 <i>WEX Exemption for waste reporting</i>		
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C 1	X
	4440	Free text Free form text.	M an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X

Segment: **FTX** Free Text
Position: 0170
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to provide supplementary information related to the means of transport, such as: - segregated ballast tanks - double bottom

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>TDT Transport details remarks</i> <i>[8012] Additional information related to transport details.</i>	M 1 an..3	M
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	O
	4441	Free text identification Code specifying free form text. <i>MAIN VESSEL HELISPOT PRESENT INDICATOR</i> O <i>HEL Helispot available</i> <i>Vessel is equipped with a location designated for landing/take off of a helicopter.</i> <i>*Code added.</i>	M an..17	M
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C 1	R
	4440	Free text Free form text. <i>MAIN VESSEL VOYAGE DETAILS TEXT</i> O	M an..512	M
	4440	Free text Free form text.	C an..512	O
	4440	Free text Free form text.	C an..512	O
	4440	Free text Free form text.	C an..512	O
	4440	Free text Free form text.	C an..512	O
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X

Segment: **FTX** Free Text
Position: 0170
Group: SG3
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to provide supplementary information related to the means of transport, such as: - segregated ballast tanks - double bottom

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>AFJ Defect description</i> <i>Description of the defect.</i>	M 1 an..3	M	
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	O	
	4441	Free text identification Code specifying free form text. <i>MAIN VESSEL REPORT DEFECTS CODE</i> O <i>*Codes added.</i> <i>DAI Defect to AIS Automated Identification System</i> <i>DCA Defect to cargo lashing ropes/equipment [i.e. sliding cargo]</i> <i>DCO Defect to communication equipment</i> <i>DEN Defect to engine or propulsion system</i> <i>DFI Fire on board the vessel</i> <i>DNA Defect to navigation equipment [e.g. radar, gyrocompass]</i> <i>DSA Defect to astern power and steering gear</i> <i>DSM Smoke on board the vessel</i> <i>DST Defect to steering gear equipment</i> <i>DWA Defect to body or hull of vessel, causing water to run into the vessel</i> <i>DWE Defect to body or hull of vessel, weakened construction</i> <i>GAS Vessel not gasfree</i> <i>LIP Vessel listing over portside</i> <i>LIS Vessel listing over starboard</i> <i>OHC Overheated cargo</i> <i>QUA Contagious diseases on board (quarantine)</i> <i>TOW Disabled vessel towed by tugboat(s)</i>	M an..17	M	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
C108		TEXT LITERAL Free text; one to five lines.	C 1	O	
	4440	Free text Free form text. <i>MAIN VESSEL REPORT DEFECTS TEXT</i> O	M an..512	M	
	4440	Free text Free form text.	C an..512	O	
	4440	Free text Free form text.	C an..512	O	
	4440	Free text Free form text.	C an..512	O	
	4440	Free text	C an..512	O	

3453	Free form text. LANGUAGE, CODED Code specifying the language name.	C	1	an..3	X
4447	TEXT FORMATTING, CODED Code specifying the format of free text.	C	1	an..3	X

Group: **LOC** **Segment Group 4: Place/Location Identification**
Position: 0190
Group: Segment Group 3 (Transport Information) **Mandatory**
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to specify details of the ship's route

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0200	LOC	Place/Location Identification	M	1	
D	0210	DTM	Date/Time/Period	C	1	
D	0210	DTM	Date/Time/Period	C	1	

Segment: **LOC** Place/Location Identification
Position: 0200 (Trigger Segment)
Group: SG3-SG4
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the transport details, such as: - previous port of call - next port of call - port of origin - port of destination

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 153 Port of call Port where a vessel has called upon or will call upon.	M 1 an..3	M	
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	R	
	3225	Location name code Code specifying the name of the location. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL PORT/CALL CODE M	C an..35	R	
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	3224	Location name Name of the location.	C an..256	X	
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	O	
	3223	First related location name code Code specifying first related location. Business Rules: 1. If BerthRequestType EQ '185' or BerthRequestType EQ '349', then set Usage to 'Must Use'	C an..25	R	
		MAIN VESSEL PORT/CALL ENTRY POINT CODE C			
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	3222	First related location name Name of first related location.	C an..70	X	
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C 1	O	
	3233	Second related location name code Code specifying the second related location. Business Rules: 1. If BerthRequestType EQ '186' or BerthRequestType EQ '349', then set Usage to 'Must Use'	C an..25	R	
		MAIN VESSEL PORT/CALL EXIT POINT CODE C			
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	3232	Second related location name Name of the second related location.	C an..70	X	
5479		RELATION CODE Code specifying a relation.	C 1 an..3	X	

Segment: **DTM** Date/Time/Period
Position: 0210
Group: SG3-SG4
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a date and time related to the ports of call in the ship's route

Dependency Notes:

Business Rules: 1. If BerthRequestType EQ '185' or BerthRequestType EQ '349', then set Usage to 'Must Use'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 132 <i>Arrival date/time, estimated</i> <i>[2348] Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</i>	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation.	C an..35	R
		<i>MAIN VESSEL D/T ETA POC</i>	<i>C</i>	
	2379	Date or time or period format code Code specifying the representation of a date, time or period. 203 <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>	C an..3	R

Segment: **DTM** Date/Time/Period
Position: 0210
Group: SG3-SG4
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a date and time related to the ports of call in the ship's route

Dependency Notes:

Business Rules: 1. If BerthRequestType EQ '186', then set Usage to 'Must Use'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		133 <i>Departure date/time, estimated</i>		
		<i>Date/time when carrier estimates that a means of transport should depart at the place of departure.</i>		
	2380	Date or time or period text	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		<i>MAIN VESSEL D/T ETD POC C</i>		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period.		
		203 <i>CCYYMMDDHHMM</i>		
		<i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>		



Group: **LOC** **Segment Group 4: Place/Location Identification**
Position: 0190
Group: Segment Group 3 (Transport Information) **Mandatory**
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0200	LOC	Place/Location Identification	M	1	
O	0210	DTM	Date/Time/Period	C	1	

Segment: **LOC** Place/Location Identification
Position: 0200 (Trigger Segment)
Group: SG3-SG4
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the transport details, such as: - previous port of call - next port of call - port of origin - port of destination

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 89 <i>Place of registration</i> <i>Place where the registration occurs.</i>	M	1 an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	1	R
	3225	Location name code Code specifying the name of the location. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> <i>MAIN VESSEL REGISTRY PLACE CODE</i> O	C	an..35	O
	1131	Code list qualifier Code identifying a user or association maintained code list.	C	an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C	an..3	X
	3224	Location name Name of the location. <i>MAIN VESSEL REGISTRY PLACE NAME</i> O	C	an..256	O
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	1	X
	3223	First related location name code Code specifying first related location.	C	an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C	an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C	an..3	X
	3222	First related location name Name of first related location.	C	an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	1	X
	3233	Second related location name code Code specifying the second related location.	C	an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C	an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C	an..3	X
	3232	Second related location name Name of the second related location.	C	an..70	X
5479		RELATION CODE Code specifying a relation.	C	1 an..3	X

Segment: **DTM** Date/Time/Period
Position: 0210
Group: SG3-SG4
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a date and time related to the ports of call in the ship's route

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 597 Registration date Date when registered.	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation.	C an..35	R
		MAIN VESSEL REGISTRY DATE O		
	2379	Date or time or period format code Code specifying the representation of a date, time or period. 102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	C an..3	R



Group: **LOC** **Segment Group 4: Place/Location Identification**
Position: 0190
Group: Segment Group 3 (Transport Information) **Mandatory**
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0200	LOC	Place/Location Identification	M	1	

Segment: **LOC** Place/Location Identification
Position: 0200 (Trigger Segment)
Group: SG3-SG4
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the transport details, such as: - previous port of call - next port of call - port of origin - port of destination

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 94 Previous port of call Previous port which the vessel has called upon.	M 1 an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	R
	3225	Location name code Code specifying the name of the location. Business Rules: 1. If BerthRequestType EQ '185', then set Usage to 'Must Use' 2. If BerthRequestType EQ '349', then set Usage to 'Must Use' <i>Note: Use UNECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL PORT/CALL PREVIOUS CODE	C an..35	D
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3224	Location name Name of the location.	C an..256	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification of the first related location by code or name.	C 1	X
	3223	First related location name code Code specifying first related location.	C an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3222	First related location name Name of first related location.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C 1	X
	3233	Second related location name code Code specifying the second related location.	C an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3232	Second related location name Name of the second related location.	C an..70	X
5479		RELATION CODE Code specifying a relation.	C 1 an..3	X



Group: **LOC** **Segment Group 4: Place/Location Identification**
Position: 0190
Group: Segment Group 3 (Transport Information) **Mandatory**
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0200	LOC	Place/Location Identification	M	1	

Segment: **LOC** Place/Location Identification
Position: 0200 (Trigger Segment)
Group: SG3-SG4
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the transport details, such as: - previous port of call - next port of call - port of origin - port of destination

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 61 <i>Next port of call</i> <i>Next port which the vessel is going to call upon.</i>	M 1 an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name. Business Rules: 1. If BerthRequestType EQ '186' or BerthRequestType EQ '349', then set Usage to 'Must Use'	C 1	D
	3225	Location name code Code specifying the name of the location. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> <i>MAIN VESSEL PORT/CALL NEXT CODE</i>	C an..35	R
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3224	Location name Name of the location. <i>MAIN VESSEL PORT/CALL NEXT TEXT</i>	C an..256	O
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	X
	3223	First related location name code Code specifying first related location.	C an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3222	First related location name Name of first related location.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C 1	X
	3233	Second related location name code Code specifying the second related location.	C an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3232	Second related location name Name of the second related location.	C an..70	X
5479		RELATION CODE Code specifying a relation.	C 1 an..3	X



Group: **LOC** **Segment Group 4: Place/Location Identification**
Position: 0190
Group: Segment Group 3 (Transport Information) **Mandatory**
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0200	LOC	Place/Location Identification	M	1	

Segment: **LOC** Place/Location Identification
Position: 0200 (Trigger Segment)
Group: SG3-SG4
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the transport details, such as: - previous port of call - next port of call - port of origin - port of destination

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 5 <i>Place of departure</i> (3214) Port, airport or other location from which a means of transport or transport equipment is scheduled to depart or has departed. <i>Synonym: Port of origin (of vessel's voyage).</i> 8 <i>Place of destination</i> Port, airport or other location to which a means of transport or transport equipment is destined. <i>Synonym: Port of destination (of vessel's voyage).</i>	M 1 an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	O
	3225	Location name code Code specifying the name of the location. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL PORT/ORIGIN CODE O MAIN VESSEL PORT/DESTINATION CODE O	C an..35	O
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3224	Location name Name of the location. MAIN VESSEL PORT/ORIGIN TEXT O MAIN VESSEL PORT/DESTINATION TEXT O	C an..256	O
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	X
	3223	First related location name code Code specifying first related location.	C an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3222	First related location name Name of first related location.	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C 1	X
	3233	Second related location name code Code specifying the second related location.	C an..25	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3232	Second related location name Name of the second related location.	C an..70	X

5479

RELATION CODE

Code specifying a relation.

C 1 an..3 X

Group: **TSR** Segment Group 7: Transport Service Requirements - BERTH
Position: 0300
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to specify details for the transport service requirements

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0310	TSR	Transport Service Requirements	M	1	
D	0320	QTY	Quantity	C	1	
D	0320	QTY	Quantity	C	1	
	0340		Segment Group 8: Place/Location Identification - BERTH	C		1
	0340		Segment Group 8: Place/Location Identification - BERTH TO [NEXT BERTH]	C		1

Segment: **TSR** Transport Service Requirements
Position: 0310 (Trigger Segment)
Group: SG7
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify berthing, pilot and tugboat service details of the arriving vessel, such as: - arrival and berth, - change of berth, - change of side, - request for pilots service, - request for tugboat service, - request for mooring service

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
C536		CONTRACT AND CARRIAGE CONDITION To identify a contract and carriage condition.	C 1	X	
	4065	Contract and carriage condition code Code to identify the conditions of contract and carriage.	M an..3	X	
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
		SERVICE To identify a service (which may constitute an additional component to a basic contract).	C 1	D	
C233		Business Rules: 1. If BerthRequestType NE '349', then set Usage to 'Must Use'			
	7273	Service requirement code Code specifying a service requirement. <i>BER Berthing services</i>	M an..3	M	
		<i>*Code added.</i>			
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	7273	Service requirement code Code specifying a service requirement.	C an..3	X	
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
		TRANSPORT PRIORITY To indicate the priority of requested transport service.	C 1	O	
	4219	Transport service priority code Code specifying the priority of a transport service.	M an..3	M	
		PRIORITY INDICATOR FOR PASSING LOCKS 1 <i>Express</i> <i>Express treatment (if by rail, legal express regime for parcels transport).</i>	O		
	1131	Code list qualifier Identification of a code list.	C an..17	X	
C537	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
		NATURE OF CARGO Rough classification of a type of cargo.	C 1	X	
	7085	Cargo type classification code Code specifying the classification of a type of cargo.	M an..3	X	
C703	1131	Code list qualifier	C an..17	X	

3055	Identification of a code list. Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	X
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Segment: **QTY** Quantity
Position: 0320
Group: SG7
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of ports of call by the same captain on board in the same vessel

Dependency Notes:

- Business Rules:**
1. If BerthRequestType EQ '185' or BerthRequestType EQ '186', then set Usage to 'Must Use'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS	M 1	M
		Quantity information in a transaction, qualified when relevant.		
	6063	Quantity type code qualifier	M an..3	M
		Code qualifying the type of quantity.		
		115 <i>Number of crew</i>		
		<i>Total number of crew members on the conveyance.</i>		
	6060	Quantity	M n..35	M
		Alphanumeric representation of a quantity.		
		<i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i>		
		MAIN VESSEL NUMBER/CREW ON BOARD C		
	6411	Measurement unit code	C an..8	X
		Code specifying the unit of measurement.		

Segment: **QTY** Quantity
Position: 0320
Group: SG7
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of ports of call by the same captain on board in the same vessel

Dependency Notes:

Business Rules: 1. If BerthRequestType EQ '185' or BerthRequestType EQ '186', then set Usage to 'Must Use'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS	M 1	M
		Quantity information in a transaction, qualified when relevant.		
	6063	Quantity type code qualifier	M an..3	M
		Code qualifying the type of quantity.		
		114 Number of passengers		
		Total number of passengers on the conveyance.		
	6060	Quantity	M n..35	M
		Alphanumeric representation of a quantity.		
		<i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i>		
		MAIN VESSEL NUMBER/PEOPLE ON BOARD	C	
	6411	Measurement unit code	C an..8	X
		Code specifying the unit of measurement.		

Group: **LOC** Segment Group 8: Place/Location Identification - BERTH
Position: 0340
Group: Segment Group 7 (Transport Service Requirements - BERTH)
 Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0350	LOC	Place/Location Identification	M	1	
D	0370	DTM	Date/Time/Period	C	1	
D	0370	DTM	Date/Time/Period	C	1	
D	0380	QTY	Quantity	C	1	
D	0380	QTY	Quantity	C	1	
O	0390	POC	Purpose of Conveyance Call	C	9	
	0410		Segment Group 9: Handling Instructions	C		4

Segment: **LOC** Place/Location Identification
Position: 0350 (Trigger Segment)
Group: SG7-SG8
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the berth details, such as: - preferred berth - preferred side for berthing - preferred mooring site - goods position - pilot embarkation point

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 164 Berth Location in port where the vessel is berthed or moored.	M 1 an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	R
	3225	Location name code Code specifying the name of the location. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL BERTH CODE C	C an..35	O
	1131	Code list qualifier Identification of a code list.	C an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3224	Location name Name of the location. MAIN VESSEL BERTH TEXT C	C an..256	O
C519		RELATED LOCATION ONE IDENTIFICATION Identification of the first related location by code or name.	C 1	O
	3223	First related location name code Code specifying first related location. MAIN VESSEL BERTH MOORING INFO CODE O Format: XX or XX--; where XX is the MOORING SIDE INFO and -- is the BERTH EXTENSION INFO. Codes for MOORING SIDE INFO (XX): NO No preference for mooring direction OB Mooring/de-mooring of vessel as cargo unit on board other vessel PS Portside mooring SB Starboard mooring SM Stem mooring SN Stern mooring TI Tide dependant mooring direction XX-- one of the above codes for MOORING SIDE info (XX), may be followed by a code for BERTH EXTENSION INFO (--): XXA2 Mooring alongside other ship XXA3 Mooring alongside other ship in third row XXA4 Mooring alongside other ship in fourth row XXBE Mooring east of buoy XXBN Mooring north of buoy XXBS Mooring south of buoy XXBW Mooring west of buoy	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..17	X
	3055	Code list responsible agency, coded	C an..3	X

C553	3222	Code identifying the agency responsible for a code list. First related location name	C	an..70	X
		Name of first related location.			
		RELATED LOCATION TWO IDENTIFICATION	C 1		O
		Identification of second related location by code or name.			
	3233	Second related location name code	C	an..25	R
		Code specifying the second related location.			
		<i>MAIN VESSEL BERTH RANGE TO CODE</i>	O		
	1131	Code list qualifier	C	an..17	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	3232	Second related location name	C	an..70	X
		Name of the second related location.			
5479		RELATION CODE	C 1	an..3	X
		Code specifying a relation.			

Segment: **DTM** Date/Time/Period
Position: 0370
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a date and time related to the arrival of the means of transport at the berth and mooring site specified, such as: - estimated/actual date and time for berthing, - estimated departure, - estimated arrival time to the pilot station, - estimated time for tugboat service start

Dependency Notes:

Business Rules: 1. If BerthRequestType EQ '185', then set Usage to 'Must Use'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 132 <i>Arrival date/time, estimated</i> <i>[2348] Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</i>	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation. <i>MAIN VESSEL D/T ETA AT BERTH</i>	C an..35	R
	2379	Date or time or period format code Code specifying the representation of a date, time or period. 203 <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>	C an..3	R

Segment: **DTM** Date/Time/Period
Position: 0370
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a date and time related to the arrival of the means of transport at the berth and mooring site specified, such as: - estimated/actual date and time for berthing, - estimated departure, - estimated arrival time to the pilot station, - estimated time for tugboat service start

Dependency Notes:

Business Rules: 1. If BerthRequestType EQ '186' or BerthRequestType EQ '318', then set Usage to 'Must Use'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 133 <i>Departure date/time, estimated</i> <i>Date/time when carrier estimates that a means of transport should depart at the place of departure.</i>	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation. <i>MAIN VESSEL D/T ETD AT BERTH</i> C	C an..35	R
	2379	Date or time or period format code Code specifying the representation of a date, time or period. 203 <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>	C an..3	R

Segment: **QTY** Quantity
Position: 0380
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of pilots or tugboats required.
Dependency Notes:
Business Rules: 1. If PortServiceRequested NE 'PIL', then set Usage to 'Not Used'

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. 321 Pilots The number of pilots.	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> MAIN VESSEL NUMBER/PILOTS REQUIRED	M n..35 O	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X

Segment: **QTY** Quantity
Position: 0380
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of pilots or tugboats required.
Dependency Notes:
Business Rules: 1. If PortServiceRequested NE 'TOW', then set Usage to 'Not Used'

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. 459 Tug The number of tugboat(s).	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> MAIN VESSEL NUMBER/TOWAGE VESSELS REQUIRED 0	M n..35	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X

Segment: **POC** **Purpose of Conveyance Call**
Position: 0390
Group: SG7-SG8
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify the purpose of conveyance call, such as: - cargo operation - repair

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C525		PURPOSE OF CONVEYANCE CALL	M 1	M
		Description of the purpose of the call of the conveyance.		
	8025	Conveyance call purpose description code	C an..3	O
		Code specifying the purpose of the conveyance call.		
		MAIN VESSEL TYPE OF CALL AT BERTH CODE	O	
		1 Cargo operations		
		Discharging and/or loading of cargo.		
		2 Passenger movement		
		Embarking and/or disembarking of passengers.		
		3 Taking bunkers		
		Taking bunker (refuelling).		
		4 Changing crew		
		Changing crew member(s).		
		5 Goodwill visit		
		Friendly visit.		
		6 Taking supplies		
		Taking supplies.		
		7 Repair		
		To effect repair.		
		8 Laid-up		
		Inactive service.		
		9 Awaiting orders		
		Awaiting job order.		
		10 Miscellaneous		
		Miscellaneous purpose of call.		
		11 Crew movement		
		Embarking and/or disembarking of crews.		
		12 Cruise, leisure and recreation		
		To visit a port for cruise, leisure and recreation.		
		13 Under government order		
		This is a visit to a port which has been ordered by government.		
		14 Quarantine inspection		
		To have a quarantine inspection.		
		15 Refuge		
		To seek protection against something unpleasant and/or threatening such as bad weather or danger.		
		1D Cargo operation Discharge		
		*Code added.		
		1L Cargo operation Load		
		*Code added.		
		7D Repair in dry-dock		
		*Code added.		
		7W Repair in wet-dock		
		*Code added.		
		CTC Cargo tank cleaning		

		<i>*Code added.</i>		
	CUS	Customs clearance		
		<i>*Code added.</i>		
	DEG	De-gassing		
		<i>*Code added.</i>		
	STP	Temporary stop/waiting for orders		
		<i>*Code added.</i>		
	WAS	Disposal of waste		
		<i>*Code added.</i>		
1131	Code list qualifier	C	an..17	X
	Identification of a code list.			
3055	Code list responsible agency, coded	C	an..3	X
	Code identifying the agency responsible for a code list.			
8024	Conveyance call purpose description	C	an..35	O
	Free form description of the purpose of the conveyance call.			
	MAIN VESSEL TYPE OF CALL AT BERTH TEXT O			

Group: **HAN** **Segment Group 9: Handling Instructions**
Position: 0410
Group: Segment Group 8 (Place/Location Identification - BERTH) Conditional
 (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 4
Purpose:

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0420	HAN	Handling Instructions	M	1	
D	0430	NAD	Name and Address	C	1	
D	0430	NAD	Name and Address	C	2	
D	0430	NAD	Name and Address	C	2	

Segment: **HAN** Handling Instructions
Position: 0420 (Trigger Segment)
Group: SG7-SG8-SG9
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the type of handling movement, such as: - loading - unloading

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C524		HANDLING INSTRUCTIONS	C	1
		Instruction for the handling of goods, products or articles in shipment, storage etc.		
	4079	Handling instruction description code	C	an..3
		Code specifying a handling instruction.		
		Business Rules:		
		Variable Name:PortServiceRequested		
		MAIN VESSEL PORT SERVICE REQUESTED CODE	M	
		<i>BOA</i>		<i>Boatsmen to be arranged</i>
				<i>*Code added.</i>
		<i>BOR</i>		<i>Boatsmen are arranged</i>
				<i>*Code added.</i>
		<i>PIL</i>		<i>Pilotage to be arranged</i>
				<i>*Code added.</i>
		<i>PIR</i>		<i>Pilotage is arranged</i>
				<i>*Code added.</i>
		<i>TOW</i>		<i>Towage to be arranged</i>
				<i>*Code added.</i>
		<i>WAS</i>		<i>Disposal of waste to be arranged</i>
				<i>*Code added.</i>
C218	1131	Code list qualifier	C	an..17
		Identification of a code list.		
	3055	Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
	4078	Handling instruction description	C	an..70
		Free form description of a handling instruction.		
		MAIN VESSEL PORT SERVICE REMARKS TEXT	O	
		HAZARDOUS MATERIAL	C	1
		To specify a hazardous material.		
	7419	Hazardous material category name code	C	an..7
		Code specifying a kind of hazard for a material.		
	1131	Code list qualifier	C	an..17
		Identification of a code list.		
	3055	Code list responsible agency, coded	C	an..3
		Code identifying the agency responsible for a code list.		
	7418	Hazardous material category name	C	an..35
		Name of a kind of hazard for a material.		

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

- Business Rules:**
1. If PortServiceRequested NE 'BOA' or PortServiceRequested NE 'BOR', then set Usage to 'Not Used'

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>BOA Boatsmen company</i> <i>*Code added.</i>	M	1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1	O
	3039	Party identifier Code specifying the identity of a party. <i>BOATSMEN COMPANY ID O</i>	M	an..35	M
	1131	Code list qualifier Identification of a code list.	C	an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	1	O
	3124	Name and address description Free form description of a name and address line. <i>BOATSMEN COMPANY NAD O</i>	M	an..35	M
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	1	X
	3036	Party name Name of a party.	M	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C	an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C	1	X

	3042	Street and number or post office box identifier	M	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 2
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

- Business Rules:** 1. If PortServiceRequested NE 'PIL' or PortServiceRequested NE 'PIR', then set Usage to 'Not Used'

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>PIL</i> <i>Pilot company</i> <i>*Code added.</i>	M	1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1	O
	3039	Party identifier Code specifying the identity of a party. <i>PILOT COMPANY ID</i> O	M	an..35	M
	1131	Code list qualifier Identification of a code list.	C	an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	1	O
	3124	Name and address description Free form description of a name and address line. <i>PILOT COMPANY NAD</i> O	M	an..35	M
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	1	X
	3036	Party name Name of a party.	M	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C	an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C	1	X

	3042	Street and number or post office box identifier	M	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 2
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

Business Rules: 1. If PortServiceRequested NE 'TOW', then set Usage to 'Not Used'

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>TOW Towage company</i> <i>*Code added.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	O
	3039	Party identifier Code specifying the identity of a party. <i>TOWAGE COMPANY ID O</i>	M an..35	M
	1131	Code list qualifier Identification of a code list.	C an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	O
	3124	Name and address description Free form description of a name and address line. <i>TOWAGE COMPANY NAD O</i>	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box	M an..35	X

	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Identification of a code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code identifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				

Group: **LOC** Segment Group 8: Place/Location Identification - BERTH TO
[NEXT BERTH]
Position: 0340
Group: Segment Group 7 (Transport Service Requirements - BERTH)
Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To identify a place or a location and/or related locations.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0350	LOC	Place/Location Identification	M	1	
O	0370	DTM	Date/Time/Period	C	1	
D	0380	QTY	Quantity	C	1	
D	0380	QTY	Quantity	C	1	
O	0390	POC	Purpose of Conveyance Call	C	9	
	0410		Segment Group 9: Handling Instructions	C		4

Segment: **LOC** Place/Location Identification
Position: 0350 (Trigger Segment)
Group: SG7-SG8
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the berth details, such as: - preferred berth - preferred side for berthing - preferred mooring site - goods position - pilot embarkation point

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 217 <i>Next berth</i> <i>Place or location in a port where a vessel will be moored, after moving from the current location.</i>	M 1 an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name. Business Rules: 1. If BerthRequestType EQ '318', then set Usage to 'Must Use' 2. If BerthRequestType NE '318', then set Usage to 'Not Used'	C 1	D
	3225	Location name code Code specifying the name of the location. <i>Note: Use UNECE Recommendation No. 16: UNLOCODE.</i> <i>MAIN VESSEL BERTH CODE C</i>	C an..35	O
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	3224	Location name Name of the location. <i>MAIN VESSEL BERTH TEXT C</i>	C an..256	O
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	O
	3223	First related location name code Code specifying first related location. <i>MAIN VESSEL BERTH MOORING INFO CODE O</i> <i>Format: XX or XX--; where XX is the MOORING SIDE INFO and -- is the BERTH EXTENSION INFO.</i> <i>Codes for MOORING SIDE INFO (XX):</i> NO <i>No preference for mooring direction</i> OB <i>Mooring/de-mooring of vessel as cargo unit on board other vessel</i> PS <i>Portside mooring</i> SB <i>Starboard mooring</i> SM <i>Stem mooring</i> SN <i>Stern mooring</i> TI <i>Tide dependant mooring direction</i> XX-- <i>one of the above codes for MOORING SIDE info (XX), may be followed by a code for BERTH EXTENSION INFO (--):</i> XXA2 <i>Mooring alongside other ship</i> XXA3 <i>Mooring alongside other ship in third row</i> XXA4 <i>Mooring alongside other ship in fourth row</i> XXBE <i>Mooring east of buoy</i> XXBN <i>Mooring north of buoy</i> XXBS <i>Mooring south of buoy</i>	C an..25	R

	<i>XXBW</i>	<i>Mooring west of buoy</i>			
	1131	Code list qualifier	C	an..17	X
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code specifying the agency responsible for a code list.			
	3222	First related location name	C	an..70	X
		Name of first related location.			
C553		RELATED LOCATION TWO IDENTIFICATION	C	1	O
		Identification of second related location by code or name.			
	3233	Second related location name code	C	an..25	R
		Code specifying the second related location.			
		MAIN VESSEL BERTH RANGE TO CODE	O		
	1131	Code list qualifier	C	an..17	X
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code specifying the agency responsible for a code list.			
	3232	Second related location name	C	an..70	X
		Name of the second related location.			
5479		RELATION CODE	C	1 an..3	X
		Code specifying a relation.			

Segment: **DTM** Date/Time/Period
Position: 0370
Group: SG7-SG8
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a date and time related to the arrival of the means of transport at the berth and mooring site specified, such as: - estimated/actual date and time for berthing, - estimated departure, - estimated arrival time to the pilot station, - estimated time for tugboat service start

Dependency Notes:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		132 <i>Arrival date/time, estimated</i>		
		[2348] <i>Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</i>		
	2380	Date or time or period text	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		<i>MAIN VESSEL D/T ETA AT BERTH</i>	<i>O</i>	
	2379	Date or time or period format code	C an..3	X
		Code specifying the representation of a date, time or period.		

Segment: **QTY** Quantity
Position: 0380
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of pilots or tugboats required.
Dependency Notes:
Business Rules: 1. If PortServiceRequested2 NE 'PIL', then set Usage to 'Not Used'

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. 321 Pilots The number of pilots.	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> MAIN VESSEL NUMBER/PILOTS REQUIRED	M n..35	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X

Segment: **QTY** Quantity
Position: 0380
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of pilots or tugboats required.
Dependency Notes:
Business Rules: 1. If PortServiceRequested2 NE 'TOW', then set Usage to 'Not Used'

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. 459 Tug The number of tugboat(s).	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> MAIN VESSEL NUMBER/TOWAGE VESSELS REQUIRED 0	M n..35	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X

Segment: **POC** Purpose of Conveyance Call
Position: 0390
Group: SG7-SG8
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify the purpose of conveyance call, such as: - cargo operation - repair

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C525		PURPOSE OF CONVEYANCE CALL	M 1	M
		Description of the purpose of the call of the conveyance.		
	8025	Conveyance call purpose description code	C an..3	O
		Code specifying the purpose of the conveyance call.		
		MAIN VESSEL TYPE OF CALL AT BERTH CODE	O	
		1 Cargo operations		
		Discharging and/or loading of cargo.		
		2 Passenger movement		
		Embarking and/or disembarking of passengers.		
		3 Taking bunkers		
		Taking bunker (refuelling).		
		4 Changing crew		
		Changing crew member(s).		
		5 Goodwill visit		
		Friendly visit.		
		6 Taking supplies		
		Taking supplies.		
		7 Repair		
		To effect repair.		
		8 Laid-up		
		Inactive service.		
		9 Awaiting orders		
		Awaiting job order.		
		10 Miscellaneous		
		Miscellaneous purpose of call.		
		11 Crew movement		
		Embarking and/or disembarking of crews.		
		12 Cruise, leisure and recreation		
		To visit a port for cruise, leisure and recreation.		
		13 Under government order		
		This is a visit to a port which has been ordered by government.		
		14 Quarantine inspection		
		To have a quarantine inspection.		
		15 Refuge		
		To seek protection against something unpleasant and/or threatening such as bad weather or danger.		
		1D Cargo operation Discharge		
		1L Cargo operation Load		
		7D Repair in dry-dock		
		*Code added.		
		7W Repair in wet-dock		
		*Code added.		
		CTC Cargo tank cleaning		
		*Code added.		
		CUS Customs clearance		

		<i>*Code added.</i>		
	DEG	De-gassing		
		<i>*Code added.</i>		
	STP	Temporary stop/waiting for orders		
		<i>*Code added.</i>		
	WAS	Disposal of waste		
		<i>*Code added.</i>		
1131	Code list qualifier	C	an..17	X
	Code identifying a user or association maintained code list.			
3055	Code list responsible agency, coded	C	an..3	X
	Code specifying the agency responsible for a code list.			
8024	Conveyance call purpose description	C	an..35	O
	Free form description of the purpose of the conveyance call.			
	MAIN VESSEL TYPE OF CALL AT BERTH TEXT O			

Group: **HAN** **Segment Group 9: Handling Instructions**
Position: 0410
Group: Segment Group 8 (Place/Location Identification - BERTH TO [NEXT BERTH])
 Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 4
Purpose: To specify handling and where necessary, notify hazards.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0420	HAN	Handling Instructions	M	1	
D	0430	NAD	Name and Address	C	1	
D	0430	NAD	Name and Address	C	2	
D	0430	NAD	Name and Address	C	1	

Segment: **HAN** Handling Instructions
Position: 0420 (Trigger Segment)
Group: SG7-SG8-SG9
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the type of handling movement, such as: - loading - unloading

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C524	4079	HANDLING INSTRUCTIONS	C	1
		Instruction for the handling of goods, products or articles in shipment, storage etc.		R
		Handling instruction description code	C	an..3
		Code specifying a handling instruction.		O
		Business Rules:		
		Variable Name:PortServiceRequested2		
		MAIN VESSEL PORT SERVICE REQUESTED CODE	M	
		<i>BOA</i>		<i>Boatsmen to be arranged</i>
				<i>*Code added.</i>
		<i>BOR</i>		<i>Boatsmen are arranged</i>
				<i>*Code added.</i>
		<i>PIL</i>		<i>Pilotage to be arranged</i>
				<i>*Code added.</i>
		<i>PIR</i>		<i>Pilotage is arranged</i>
C218	1131	Code list qualifier	C	an..17
		Code identifying a user or association maintained code list.		X
	3055	Code list responsible agency, coded	C	an..3
		Code specifying the agency responsible for a code list.		X
	4078	Handling instruction description	C	an..70
		Free form description of a handling instruction.		O
		MAIN VESSEL PORT SERVICE REMARKS TEXT	O	
	7419	HAZARDOUS MATERIAL	C	1
		To specify a hazardous material.		X
	1131	Hazardous material category name code	C	an..7
		Code specifying a kind of hazard for a material.		X
	1131	Code list qualifier	C	an..17
		Code identifying a user or association maintained code list.		X
	3055	Code list responsible agency, coded	C	an..3
		Code specifying the agency responsible for a code list.		X
	7418	Hazardous material category name	C	an..35
		Name of a kind of hazard for a material.		X

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

Business Rules: 1. If PortServiceRequested2 NE 'BOA' or PortServiceRequested2 NE 'BOR', then set Usage to 'Not Used'

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>BOA Boatsmen company</i> <i>*Code added.</i>	M	1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1	O
	3039	Party identifier Code specifying the identity of a party. <i>BOATSMEN COMPANY ID O</i>	M	an..35	M
	1131	Code list qualifier Identification of a code list.	C	an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	1	O
	3124	Name and address description Free form description of a name and address line. <i>BOATSMEN COMPANY NAD O</i>	M	an..35	M
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	1	X
	3036	Party name Name of a party.	M	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C	an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C	1	X

	3042	Street and number or post office box identifier	M	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 2
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

Business Rules: 1. If PortServiceRequested2 NE 'PIL' or PortServiceRequested2 NE 'PIR', then set Usage to 'Not Used'

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>PIL</i> <i>Pilot company</i> <i>*Code added.</i>	M	1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1	O
	3039	Party identifier Code specifying the identity of a party. <i>PILOT COMPANY ID</i> O	M	an..35	M
	1131	Code list qualifier Identification of a code list.	C	an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	1	O
	3124	Name and address description Free form description of a name and address line. <i>PILOT COMPANY NAD</i> O	M	an..35	M
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	1	X
	3036	Party name Name of a party.	M	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C	an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C	1	X

	3042	Street and number or post office box identifier	M	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

Business Rules: 1. If PortServiceRequested2 NE 'TOW', then set Usage to 'Not Used'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>TOW Towage company</i> <i>*Code added.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	O
	3039	Party identifier Code specifying the identity of a party. <i>TOWAGE COMPANY ID O</i>	M an..35	M
	1131	Code list qualifier Identification of a code list.	C an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	O
	3124	Name and address description Free form description of a name and address line. <i>TOWAGE COMPANY NAD O</i>	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box	M an..35	X

	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Identification of a code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code identifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				

Group: **TSR** Segment Group 7: Transport Service Requirements - TRANSIT
Position: 0300
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to specify details for the transport service requirements

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0310	TSR	Transport Service Requirements	M	1	
R	0320	QTY	Quantity	C	1	
R	0320	QTY	Quantity	C	1	
	0340		Segment Group 8: Place/Location Identification - Activity location	C		1

Segment: **TSR** Transport Service Requirements
Position: 0310 (Trigger Segment)
Group: SG7
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify berthing, pilot and tugboat service details of the arriving vessel, such as: - arrival and berth, - change of berth, - change of side, - request for pilots service, - request for tugboat service, - request for mooring service

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
C536		CONTRACT AND CARRIAGE CONDITION	C 1	X	
		To identify a contract and carriage condition.			
	4065	Contract and carriage condition code	M an..3	X	
		Code to identify the conditions of contract and carriage.			
	1131	Code list qualifier	C an..17	X	
C233		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C an..3	X	
		Code specifying the agency responsible for a code list.			
		SERVICE	C 1	D	
		To identify a service (which may constitute an additional component to a basic contract).			
		Business Rules:			
		1. If BerthRequestType EQ '349', then set Usage to 'Must Use'			
	7273	Service requirement code	M an..3	M	
		Code specifying a service requirement.			
		MAIN VESSEL OUTBOUND/INBOUND INDICATOR	C		
		<i>INB</i>			<i>Inbound vessel movement through port area</i>
					<i>*Code added.</i>
		<i>OUT</i>			<i>Outbond vessel movement through port area</i>
					<i>*Code added.</i>
	1131	Code list qualifier	C an..17	X	
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C an..3	X	
		Code specifying the agency responsible for a code list.			
	7273	Service requirement code	C an..3	X	
		Code specifying a service requirement.			
	1131	Code list qualifier	C an..17	X	
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C an..3	X	
		Code specifying the agency responsible for a code list.			
		TRANSPORT PRIORITY	C 1	O	
		To indicate the priority of requested transport service.			
	4219	Transport service priority code	M an..3	M	
		Code specifying the priority of a transport service.			
		REQUESTED PRIORITY FOR PASSING LOCK	O		
		<i>1</i>			<i>Express</i>
					<i>Express treatment (if by rail, legal express regime for parcels transport).</i>
	1131	Code list qualifier	C an..17	X	
		Code identifying a user or association maintained code list.			
	3055	Code list responsible agency, coded	C an..3	X	
		Code specifying the agency responsible for a code list.			
C703		NATURE OF CARGO	C 1	X	
		Rough classification of a type of cargo.			



7085	Cargo type classification code	M	an..3	X
	Code specifying the classification of a type of cargo.			
1131	Code list qualifier	C	an..17	X
	Code identifying a user or association maintained code list.			
3055	Code list responsible agency, coded	C	an..3	X
	Code specifying the agency responsible for a code list.			

Segment: **QTY** Quantity
Position: 0320
Group: SG7
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to indicate number of ports of call by the same captain on board in the same vessel

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. <i>115 Number of crew</i> <i>Total number of crew members on the conveyance.</i>	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> <i>MAIN VESSEL NUMBER/CREW ON BOARD</i>	M n..35	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X

Segment: **QTY** Quantity
Position: 0320
Group: SG7
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to indicate number of ports of call by the same captain on board in the same vessel

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. 114 <i>Number of passengers</i> <i>Total number of passengers on the conveyance.</i>	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> MAIN VESSEL NUMBER/PEOPLE ON BOARD	M n..35	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X

Group: **LOC** **Segment Group 8: Place/Location Identification - Activity**
Position: 0340
Group: Segment Group 7 (Transport Service Requirements - TRANSIT)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary						
	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0350	LOC	Place/Location Identification	M	1	
O	0370	DTM	Date/Time/Period	C	1	
D	0380	QTY	Quantity	C	1	
D	0380	QTY	Quantity	C	1	
	0410		Segment Group 9: Handling Instructions	C		2

Segment: **LOC** Place/Location Identification
Position: 0350 (Trigger Segment)
Group: SG7-SG8
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the berth details, such as: - preferred berth - preferred side for berthing - preferred mooring site - goods position - pilot embarkation point

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 175 Activity location A place at which the activity occurs.	M 1 an..3	M	
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	R	
	3225	Location name code Code specifying the name of the location.	C an..35	O	
		MAIN VESSEL ACTIVITY LOCATION CODE C			
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	3224	Location name Name of the location.	C an..256	O	
		MAIN VESSEL ACTIVITY LOCATION TEXT C			
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	X	
	3223	First related location name code Code specifying first related location.	C an..25	X	
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	3222	First related location name Name of first related location.	C an..70	X	
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C 1	X	
	3233	Second related location name code Code specifying the second related location.	C an..25	X	
	1131	Code list qualifier Identification of a code list.	C an..17	X	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X	
	3232	Second related location name Name of the second related location.	C an..70	X	
5479		RELATION CODE Code specifying a relation.	C 1 an..3	X	

Segment: **DTM** Date/Time/Period
Position: 0370
Group: SG7-SG8
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a date and time related to the arrival of the means of transport at the berth and mooring site specified, such as: - estimated/actual date and time for berthing, - estimated departure, - estimated arrival time to the pilot station, - estimated time for tugboat service start

Dependency Notes:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 132 <i>Arrival date/time, estimated</i> <i>[2348] Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</i>	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation.	C an..35	R
		MAIN VESSEL D/T ETA AT ACTIVITY LOCATION	O	
	2379	Date or time or period format code Code specifying the representation of a date, time or period. 203 <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>	C an..3	R

Segment: **QTY** Quantity
Position: 0380
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of pilots or tugboats required.
Dependency Notes:
Business Rules: 1. If PortServiceRequested NE 'PIL', then set Usage to 'Not Used'

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. 321 Pilots The number of pilots.	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> MAIN VESSEL NUMBER/PILOTS REQUIRED	M n..35 O	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X

Segment: **QTY** Quantity
Position: 0380
Group: SG7-SG8
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate number of pilots or tugboats required.
Dependency Notes:
Business Rules: 1. If PortServiceRequested NE 'TOW', then set Usage to 'Not Used'

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M 1	M
	6063	Quantity type code qualifier Code qualifying the type of quantity. 459 Tug The number of tugboat(s).	M an..3	M
	6060	Quantity Alphanumeric representation of a quantity. <i>*Note: Representation limited to numerical values (n..35 instead of an..35).</i> MAIN VESSEL NUMBER/TOWAGE VESSELS REQUIRED 0	M n..35	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..8	X



Group: **HAN** **Segment Group 9: Handling Instructions**
Position: 0410
Group: Segment Group 8 (Place/Location Identification - Activity location)
Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose:

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0420	HAN	Handling Instructions	M	1	
D	0430	NAD	Name and Address	C	1	
D	0430	NAD	Name and Address	C	1	

Segment: **HAN** Handling Instructions
Position: 0420 (Trigger Segment)
Group: SG7-SG8-SG9
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the type of handling movement, such as: - loading - unloading

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C524		HANDLING INSTRUCTIONS	C 1	R
		Instruction for the handling of goods, products or articles in shipment, storage etc.		
	4079	Handling instruction description code	C an..3	O
		Code specifying a handling instruction.		
		Business Rules:		
		Variable Name:PortServiceRequestedTransit		
		MAIN VESSEL PORT SERVICE REQUESTED CODE	M	
		<i>PIL</i>	<i>Pilotage to be arranged</i>	
			<i>*Code added.</i>	
		<i>PIR</i>	<i>Pilotage is arranged</i>	
			<i>*Code added.</i>	
		<i>TOW</i>	<i>Towage to be arranged</i>	
			<i>*Code added.</i>	
	1131	Code list qualifier	C an..17	X
		Identification of a code list.		
C218	3055	Code list responsible agency, coded	C an..3	X
		Code identifying the agency responsible for a code list.		
	4078	Handling instruction description	C an..70	O
		Free form description of a handling instruction.		
		MAIN VESSEL PORT SERVICE REMARKS TEXT	O	
		HAZARDOUS MATERIAL	C 1	X
		To specify a hazardous material.		
	7419	Hazardous material category name code	C an..7	X
		Code specifying a kind of hazard for a material.		
	1131	Code list qualifier	C an..17	X
		Identification of a code list.		
	3055	Code list responsible agency, coded	C an..3	X
		Code identifying the agency responsible for a code list.		
	7418	Hazardous material category name	C an..35	X
		Name of a kind of hazard for a material.		

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

Business Rules: 1. If PortServiceRequestedTransit NE 'PIL' or PortServiceRequestedTransit NE 'PIR', then set Usage to 'Not Used'

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>PIL</i> <i>Pilot company</i> <i>*Code added.</i>	M	1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1	O
	3039	Party identifier Code specifying the identity of a party. <i>PILOT COMPANY ID</i> O	M	an..35	M
	1131	Code list qualifier Identification of a code list.	C	an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	1	O
	3124	Name and address description Free form description of a name and address line. <i>PILOT COMPANY NAD</i> O	M	an..35	M
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
	3124	Name and address description Free form description of a name and address line.	C	an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	1	X
	3036	Party name Name of a party.	M	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3036	Party name Name of a party.	C	an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C	an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C	1	X

	3042	Street and number or post office box identifier	M	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	X
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	X
		Name of a city.			
C819		COUNTRY SUB-ENTITY DETAILS	C	1	X
		To specify a part of a country (eg county or part of a city).			
	3229	Country sub-entity name code	C	an..9	X
		Code specifying the name of a country sub-entity.			
	1131	Code list qualifier	C	an..17	X
		Identification of a code list.			
	3055	Code list responsible agency, coded	C	an..3	X
		Code identifying the agency responsible for a code list.			
	3228	Country sub-entity name	C	an..70	X
		Name of a country sub-entity.			
3251		POSTAL IDENTIFICATION CODE	C	1 an..17	X
		Code specifying the postal zone or address.			
3207		COUNTRY, CODED	C	1 an..3	X
		Identification of the name of the country or other geographical entity as defined in ISO 3166-1.			

Segment: **NAD** Name and Address
Position: 0430
Group: SG7-SG8-SG9
Level: 4
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a name and address of a party, such as: - stevedoring company

Dependency Notes:

Business Rules: 1. If PortServiceRequestedTransit NE 'TOW', then set Usage to 'Not Used'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. <i>TOW Towage company</i> <i>*Code added.</i>	M 1 an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1	O
	3039	Party identifier Code specifying the identity of a party. <i>TOWAGE COMPANY ID O</i>	M an..35	M
	1131	Code list qualifier Identification of a code list.	C an..17	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1	O
	3124	Name and address description Free form description of a name and address line. <i>TOWAGE COMPANY NAD O</i>	M an..35	M
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
	3124	Name and address description Free form description of a name and address line.	C an..35	O
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C 1	X
	3036	Party name Name of a party.	M an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3036	Party name Name of a party.	C an..35	X
	3045	Party name format code Code specifying the representation of a party name.	C an..3	X
C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C 1	X
	3042	Street and number or post office box	M an..35	X

	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3042	Street and number or post office box	C	an..35	X	
	identifier				
	To identify a street and number and/or Post Office box number.				
3164	CITY NAME	C	1 an..35	X	
	Name of a city.				
C819	COUNTRY SUB-ENTITY DETAILS	C	1	X	
	To specify a part of a country (eg county or part of a city).				
3229	Country sub-entity name code	C	an..9	X	
	Code specifying the name of a country sub-entity.				
1131	Code list qualifier	C	an..17	X	
	Identification of a code list.				
3055	Code list responsible agency, coded	C	an..3	X	
	Code identifying the agency responsible for a code list.				
3228	Country sub-entity name	C	an..70	X	
	Name of a country sub-entity.				
3251	POSTAL IDENTIFICATION CODE	C	1 an..17	X	
	Code specifying the postal zone or address.				
3207	COUNTRY, CODED	C	1 an..3	X	
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1.				

Group: **TSR** Segment Group 7: Transport Service Requirements -
PLANNING
Position: 0300
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to specify details for the transport service requirements
Notes: **Note: Number of occurrences TSR group(s) increased.*

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0310	TSR	Transport Service Requirements	M	1	
	0340		Segment Group 8: Place/Location Identification	C		1

Segment: **TSR** Transport Service Requirements
Position: 0310 (Trigger Segment)
Group: SG7
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify berthing, pilot and tugboat service details of the arriving vessel, such as: - arrival and berth, - change of berth, - change of side, - request for pilots service, - request for tugboat service, - request for mooring service

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C536		CONTRACT AND CARRIAGE CONDITION To identify a contract and carriage condition.	C 1	X
	4065	Contract and carriage condition code Code to identify the conditions of contract and carriage.	M an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C233		SERVICE To identify a service (which may constitute an additional component to a basic contract). Business Rules: 1. If BerthRequestType NE '186' or BerthRequestType NE '349', then set Usage to 'Not Used'	C 1	D
	7273	Service requirement code Code specifying a service requirement. <i>BPL Berth planning</i> <i>*Code added.</i>	M an..3	M
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	7273	Service requirement code Code specifying a service requirement.	C an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C537		TRANSPORT PRIORITY To indicate the priority of requested transport service.	C 1	X
	4219	Transport service priority code Code specifying the priority of a transport service.	M an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C703		NATURE OF CARGO Rough classification of a type of cargo.	C 1	X
	7085	Cargo type classification code Code specifying the classification of a type of cargo.	M an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X



Group: **LOC** **Segment Group 8: Place/Location Identification**
Position: 0340
Group: Segment Group 7 (Transport Service Requirements - PLANNING)
Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0350	LOC	Place/Location Identification	M	1	
O	0370	DTM	Date/Time/Period	C	1	

Segment: **LOC** Place/Location Identification
Position: 0350 (Trigger Segment)
Group: SG7-SG8
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the berth details, such as: - preferred berth - preferred side for berthing - preferred mooring site - goods position - pilot embarkation point

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 164 Berth Location in port where the vessel is berthed or moored.	M 1 an..3	M	
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	R	
	3225	Location name code Code specifying the name of the location. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL BERTH CODE C	C an..35	O	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
	3224	Location name Name of the location. MAIN VESSEL BERTH TEXT C	C an..256	O	
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	X	
	3223	First related location name code Code specifying first related location.	C an..25	X	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
	3222	First related location name Name of first related location.	C an..70	X	
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C 1	X	
	3233	Second related location name code Code specifying the second related location.	C an..25	X	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
	3232	Second related location name Name of the second related location.	C an..70	X	
5479		RELATION CODE Code specifying a relation.	C 1 an..3	X	

Segment: **DTM** Date/Time/Period
Position: 0370
Group: SG7-SG8
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a date and time related to the arrival of the means of transport at the berth and mooring site specified, such as: - estimated/actual date and time for berthing, - estimated departure, - estimated arrival time to the pilot station, - estimated time for tugboat service start

Dependency Notes:

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 132 <i>Arrival date/time, estimated</i> <i>[2348] Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.</i>	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation.	C an..35	R
	2379	Date or time or period format code Code specifying the representation of a date, time or period. 203 <i>CCYYMMDDHHMM</i> <i>Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.</i>	C an..3	R

Group: **TSR** Segment Group 7: Transport Service Requirements -
SECURITY SERVICES
Position: 0300
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to specify details for the transport service requirements

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0310	TSR	Transport Service Requirements	M	1	
R	0330	FTX	Free Text	C	1	
R	0330	FTX	Free Text	C	1	
R	0330	FTX	Free Text	C	1	
O	0330	FTX	Free Text	C	1	
O	0330	FTX	Free Text	C	1	
	0340		Segment Group 8: Place/Location Identification	C		10

Segment: **TSR** Transport Service Requirements
Position: 0310 (Trigger Segment)
Group: SG7
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify berthing, pilot and tugboat service details of the arriving vessel, such as: - arrival and berth, - change of berth, - change of side, - request for pilots service, - request for tugboat service, - request for mooring service

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C536		CONTRACT AND CARRIAGE CONDITION To identify a contract and carriage condition.	C 1	X
	4065	Contract and carriage condition code Code to identify the conditions of contract and carriage.	M an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
		SERVICE To identify a service (which may constitute an additional component to a basic contract).	C 1	R
C233	7273	Service requirement code Code specifying a service requirement. SEC Security services *Code added.	M an..3	M
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
	7273	Service requirement code Code specifying a service requirement.	C an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
		TRANSPORT PRIORITY To indicate the priority of requested transport service.	C 1	X
	4219	Transport service priority code Code specifying the priority of a transport service.	M an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C537		NATURE OF CARGO Rough classification of a type of cargo.	C 1	X
	7085	Cargo type classification code Code specifying the classification of a type of cargo.	M an..3	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X

Segment: **FTX** Free Text
Position: 0330
Group: SG7
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to provide supplementary information related to the berthing, pilot, tugboat and mooring service details, such as: - payment terms, - remarks required by government sector

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>SEC Security information current</i> <i>*Code added.</i>	M 1 an..3	M	
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R	
	4441	Free text identification Code specifying free form text. <i>SECURITY LEVEL CURRENT CODE M</i> <i>*Codes added.</i> <i>S1 Security level 1</i> <i>S2 Security level 2</i> <i>S3 Security level 3</i>	M an..17	M	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
C108		TEXT LITERAL Free text; one to five lines.	C 1	O	
	4440	Free text Free form text. <i>SECURITY RELATED INFO TEXT O</i>	M an..512	M	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X	
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X	

Segment: **FTX** Free Text
Position: 0330
Group: SG7
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to provide supplementary information related to the berthing, pilot, tugboat and mooring service details, such as: - payment terms, - remarks required by government sector

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>SEC Security information current</i>	M 1 an..3	M	
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R	
	4441	Free text identification Code specifying free form text. <i>ISSC ON BOARD YES/NO M</i>	M an..17	M	
		*Codes added.			
		SCN (Interim) International Ship Security Certificate (ISSC) not available on board			
		SCY (Interim) International Ship Security Certificate (ISSC) available on board			
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
C108		TEXT LITERAL Free text; one to five lines.	C 1	X	
	4440	Free text Free form text.	M an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X	
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X	

Segment: **FTX** Free Text
Position: 0330
Group: SG7
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to provide supplementary information related to the berthing, pilot, tugboat and mooring service details, such as: - payment terms, - remarks required by government sector

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>SEC Security information current</i> <i>*Code added.</i>	M 1 an..3	M	
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R	
	4441	Free text identification Code specifying free form text. <i>CAPABLE TO EXECUTE ISPS CODE YES/NO</i> M <i>*Codes added.</i> <i>CAN Not capable to execute security procedures</i> <i>CAY Capable to execute security procedures</i>	M an..17	M	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
C108		TEXT LITERAL Free text; one to five lines.	C 1	X	
	4440	Free text Free form text.	M an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X	
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X	

Segment: **FTX** Free Text
Position: 0330
Group: SG7
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to provide supplementary information related to the berthing, pilot, tugboat and mooring service details, such as: - payment terms, - remarks required by government sector

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes		User Attributes
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>SER Security measures requested</i> <i>*Code added.</i>	M	1 an..3	M
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C	1 an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	1	X
	4441	Free text identification Code specifying free form text.	M	an..17	X
	1131	Code list qualifier Code identifying a user or association maintained code list.	C	an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C	an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	1	R
	4440	Free text Free form text.	M	an..512	M
	4440	Free text Free form text.	C	an..512	X
	4440	Free text Free form text.	C	an..512	X
	4440	Free text Free form text.	C	an..512	X
	4440	Free text Free form text.	C	an..512	X
3453		LANGUAGE, CODED Code specifying the language name.	C	1 an..3	X
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C	1 an..3	X

Segment: **FTX** Free Text
Position: 0330
Group: SG7
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to provide supplementary information related to the berthing, pilot, tugboat and mooring service details, such as: - payment terms, - remarks required by government sector

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>SEH Security history information</i> <i>*Code added.</i>	M 1 an..3	M	
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R	
	4441	Free text identification Code specifying free form text. <i>SECURITY PROCEDURES FOLLOWED YES/NO</i> O <i>*Codes added.</i> <i>SPN Security procedures not followed</i> <i>SPY Security procedures followed</i>	M an..17	M	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
C108		TEXT LITERAL Free text; one to five lines.	C 1	X	
	4440	Free text Free form text.	M an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
	4440	Free text Free form text.	C an..512	X	
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X	
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X	



Group: **LOC** **Segment Group 8: Place/Location Identification**
Position: 0340
Group: Segment Group 7 (Transport Service Requirements - SECURITY SERVICES)
Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 10
Purpose:

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0350	LOC	Place/Location Identification	M	1	
O	0370	DTM	Date/Time/Period	C	1	
R	0400	FTX	Free Text	C	1	

Segment: **LOC** Place/Location Identification
Position: 0350 (Trigger Segment)
Group: SG7-SG8
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify locations related to the berth details, such as: - preferred berth - preferred side for berthing - preferred mooring site - goods position - pilot embarkation point

Dependency Notes:

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 94 Previous port of call Previous port which the vessel has called upon.	M 1 an..3	M	
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	R	
	3225	Location name code Code specifying the name of the location. <i>Note: Use UN/ECE Recommendation No. 16: UNLOCODE.</i> MAIN VESSEL PORT/CALL PREVIOUS CODE	C an..35	R	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
	3224	Location name Name of the location.	C an..256	X	
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	X	
	3223	First related location name code Code specifying first related location.	C an..25	X	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
	3222	First related location name Name of first related location.	C an..70	X	
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C 1	X	
	3233	Second related location name code Code specifying the second related location.	C an..25	X	
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X	
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X	
	3232	Second related location name Name of the second related location.	C an..70	X	
5479		RELATION CODE Code specifying a relation.	C 1 an..3	X	

Segment: **DTM** Date/Time/Period
Position: 0370
Group: SG7-SG8
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a date and time related to the arrival of the means of transport at the berth and mooring site specified, such as: - estimated/actual date and time for berthing, - estimated departure, - estimated arrival time to the pilot station, - estimated time for tugboat service start

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
C507		DATE/TIME/PERIOD	M 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		512 Attendance date and or time and or period		
		Date and or time and or period of attendance.		
	2380	Date or time or period text	C an..35	O
		The value of a date, a date and time, a time or of a period in a specified representation.		
		MAIN VESSEL D/T ATA-ATD PERIOD PORT/CALL PREVIOUS		O
	2379	Date or time or period format code	C an..3	O
		Code specifying the representation of a date, time or period.		
		711 CCYYMMDD-CCYYMMDD		
		Format of period to be given in actual message without hyphen.		

Segment: **FTX** Free Text
Position: 0400
Group: SG7-SG8
Level: 3
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to provide supplementary information related to the berth details, such as: - waste disposal facilities - supplies requested (water, power, fuel)

Dependency Notes:

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
4451		TEXT SUBJECT QUALIFIER Code qualifying the subject of the text. <i>SEH Security history information</i> <i>*Code added.</i>	M 1 an..3	M
4453		TEXT FUNCTION, CODED Code specifying the function of free text.	C 1 an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C 1	R
	4441	Free text identification Code specifying free form text. <i>SECURITY LEVEL AT PREVIOUS PORT FACILITY</i>	M an..17	M
		S1 Security level 1		
		S2 Security level 2		
		S3 Security level 3		
	1131	Code list qualifier Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency, coded Code specifying the agency responsible for a code list.	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C 1	O
	4440	Free text Free form text. <i>SECURITY MEASURES AT PREVIOUS PORT FACILITY TEXT</i>	M an..512	M
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
	4440	Free text Free form text.	C an..512	X
3453		LANGUAGE, CODED Code specifying the language name.	C 1 an..3	X
4447		TEXT FORMATTING, CODED Code specifying the format of free text.	C 1 an..3	X

Segment: **UNT** Message Trailer
Position: 0500
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

Dependency Notes:

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0074		NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M 1 n..6	M
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M 1 an..14	M
