

# IFTDGN Dangerous Goods Notification Message

## Introduction:

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

## Notes:

Page No.	Pos. No.	Seg. ID	Name	Base Guide	User Status	Max.Use	Group Repeat	Notes and Comments
11	0010	UNH	Message Header	M	M	1		
12	0020	BGM	Beginning of Message	M	M	1		
13	0030	DTM	Date/Time/Period - Message creation - 137	C	R	1		
14	0040	FTX	Free Text - Change information - CHG	C	Used	6		
15	0040	FTX	Free Text - Additional information - ACB	C	Used	1		
16	0040	FTX	Free Text - Certificate Of Fitness - COF/COS	C	Used	2		
17	0050	HAN	Handling Instructions	C	D	1		
	0060		Segment Group 1: RFF	C	D		1	
19	0070	RFF	Reference - Previous message - ACW	M	M	1		
	0060		Segment Group 1: RFF	O	Used		1	
21	0070	RFF	Reference - Carrier's agent ref.nr. - AAY	M	M	1		
	0060		Segment Group 1: RFF	O	Used		1	
23	0070	RFF	Reference - DG security number - ALG	M	M	1		
	0060		Segment Group 1: RFF	O	Used		1	
25	0070	RFF	Reference - Freight forwarder's ref.nr. - FF	M	M	1		
	0090		Segment Group 2: TDT-RFF-LOC-DTM	C	R		1	
27	0100	TDT	Details of Transport - Main carriage - 20	M	M	1		
29	0111	RFF	Reference - Vessel radio callsign - VM	C	Used	1		
30	0112	RFF	Reference - DG transport licence number - ALH	C	Used	1		
31	0113	RFF	Reference - Call Reference Number - SSX	C	R	1		
32	0114	RFF	Reference - Voyage number - VON	C	Used	1		
33	0120	LOC	Location Identification - Port of call - 153	C	Used	1		
34	0121	LOC	Location Identification - Next port of call - 61	C	D	1		
35	0122	LOC	Location Identification - Place of origin - POO	C	Used	1		
36	0122	DTM	Date/Time/Period - Main carriage ETA PoC - 132	C	Used	1		
37	0123	DTM	Date/Time/Period - Main carriage ETD PoC - 133	C	Used	1		
	0140		Segment Group 3: NAD-SG4	C	R		1	
39	0150	NAD	Name and Address	M	M	1		
	0160		Segment Group 4: CTA-COM	C	Used		2	
42	0170	CTA	Contact Information	M	M	1		
43	0180	COM	Communication Contact	C	Used	3		
	0140		Segment Group 3: NAD-SG4	C	R		1	

45	0150	NAD	Name and Address	M	M	1
	0160		Segment Group 4: CTA-COM	C	Used	2
48	0170	CTA	Contact Information	M	M	1
49	0180	COM	Communication Contact	C	Used	3
	0140		Segment Group 3: NAD-SG4	C	R	1
51	0150	NAD	Name and Address	M	M	1
	0160		Segment Group 4: CTA-COM	C	Used	2
54	0170	CTA	Contact Information	M	M	1
55	0180	COM	Communication Contact	C	Used	3
	0140		Segment Group 3: NAD-SG4	C	Used	1
57	0150	NAD	Name and Address	M	M	1
	0160		Segment Group 4: CTA-COM	C	Used	2
60	0170	CTA	Contact Information	M	M	1
61	0180	COM	Communication Contact	C	Used	3
	0140		Segment Group 3: NAD-SG4	C	Used	6
63	0150	NAD	Name and Address	M	M	1
	0160		Segment Group 4: CTA-COM	C	Used	2
66	0170	CTA	Contact Information	M	M	1
67	0180	COM	Communication Contact	C	Used	3
	0190		Segment Group 5: EQD-MEA	C	Used	999
69	0200	EQD	Equipment Details - BR/CN/TE	M	M	1
70	0210	MEA	Measurements - Net tonnage vessel - AAN	C	Used	1
	0220		Segment Group 6: CNI-HAN-DTM-LOC-SG7-SG8-SG10	M	M	9999
72	0230	CNI	Consignment Information	M	M	1
73	0240	HAN	Handling Instructions	C	D	1
74	0250	DTM	Date/Time/Period - Estimated handling - 369	O	Used	1
75	0250	DTM	Date/Time/Period - Pre-carriage ETA PoC - 132	C	Used	1
76	0250	DTM	Date/Time/Period - On-carriage ETD PoC - 133	C	Used	1
77	0260	LOC	Location Identification - Place of handling - T34	C	Used	1
78	0260	LOC	Location Identification - Port of loading - 9	C	Used	1
79	0260	LOC	Location Identification - Port of discharge - 11	C	Used	1
	0270		Segment Group 7: TDT-RFF	C	Used	1
81	0280	TDT	Details of Transport - Pre-/on-carriage - 10/30	M	M	1
83	0290	RFF	Reference - DG transport licence nr. - ALH	C	Used	1
84	0290	RFF	Reference - Pre-/on-carriage call reference number - SSX	C	Used	1
85	0290	RFF	Reference - Pre-/on-carriage vessel radio callsign - VM	C	Used	1
	0300		Segment Group 8: NAD-SG9-RFF	C	Used	1
87	0310	NAD	Name and Address - Carrier's agent - CG	M	M	1
	0320		Segment Group 9: CTA-COM	C	Used	1
90	0330	CTA	Contact Information	M	M	1
91	0340	COM	Communication Contact - TE	C	Used	1
92	0340	COM	Communication Contact - FX	C	Used	1
93	0350	RFF	Reference - Carrier's agent ref.nr. - AAY	C	Used	1
	0300		Segment Group 8: NAD-SG9-RFF	C	Used	1
95	0310	NAD	Name and Address - Freight forwarder - FW	M	M	1

	0320		Segment Group 9: CTA-COM	C	Used	1
98	0330	CTA	Contact Information	M	M	1
99	0340	COM	Communication Contact - TE	C	Used	1
100	0340	COM	Communication Contact - FX	C	Used	1
101	0350	RFF	Reference - Freight forwarder's ref.nr. - FF	C	Used	1
	0360		Segment Group 10: GID-FTX-PCI-SG11-SG12	M	M	999
103	0370	GID	Goods Item Details	M	M	1
105	0380	FTX	Free Text - Goods description - AAA	C	Used	1
106	0380	FTX	Free Text - Additional information - ACB	C	Used	1
107	0390	PCI	Package Identification - Marks and labels	C	Used	1
	0400		Segment Group 11: SGP-MEA	C	Used	99
109	0410	SGP	Split Goods Placement	M	M	1
110	0420	MEA	Measurements - Gross weight - G	C	Used	1
	0430		Segment Group 12: DGS-FTX-MEA-LOC-RFF-SG13	M	M	1
112	0440	DGS	Dangerous Goods	M	M	1
114	0450	FTX	Free Text - Technical name - AAD	M	M	1
115	0450	FTX	Free Text - Additional information - AAC - A	O	Used	1
116	0450	FTX	Free Text - Fumigation information - AAC - F	O	Used	1
118	0451	FTX	Free Text - Radioactive information - AAC - R	O	Used	1
120	0452	FTX	Free Text - Marine Pollutant information - AAC - P / PP	O	Used	1
121	0453	FTX	Free Text - Segregation information - AAC - SEG	O	Used	1
122	0453	MEA	Measurements - Net weight - AAL	O	Used	1
123	0454	MEA	Measurements - Radioactive index of transport - AEN	C	Used	1
124	0455	MEA	Measurements - Radioactivity - AEO	C	Used	1
125	0456	MEA	Measurements - Gross weight - G	M	M	1
126	0457	MEA	Measurements - Net explosive weight - T19	O	Used	1
127	0458	MEA	Measurements - Radioactive criticality safety index - T20	C	Used	1
128	0459	LOC	Location Identification - Stowage cell - 147	C	Used	99
129	0460	RFF	Reference - Authorization number - ALF	C	Used	9
	0461		Segment Group 13: SGP-LOC-MEA	C	Used	99
131	0500	SGP	Split Goods Placement	M	M	1
132	0510	LOC	Location Identification - Stowage cell - 147	C	Used	1
133	0520	MEA	Measurements - AAL/AEN/AEO/G/T19/T20	C	Used	5
135	0530	UNT	Message Trailer	M	M	1

















**Segment:** **UNH** Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Dangerous goods notification message is IFTDGN.  
 Note: Dangerous goods notification messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 IFTDGN 0052 D 0054 98B  
 0051 UN  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14	M
S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M	M
	0065	Message type identifier Code identifying a type of message and assigned by its controlling agency.	M an..6	M
		IFTDGN Dangerous goods notification message		
	0052	Message type version number Version number of a message type.	M an..3	M
		D Draft version/UN/EDIFACT Directory		
	0054	Message type release number Release number within the current message type version number (0052).	M an..3	M
		98B Release 1998 - B		
	0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type.	M an..2	M
		UN UN/ECE/TRADE/WP.4		
	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.	C an..6	R
		PROT11 PROTECT Version 1.1		
0068		COMMON ACCESS REFERENCE	C an..35	X
S010		STATUS OF THE TRANSFER	C	X
		Statement that the message is one in a sequence of transfers relating to the same topic.		
	0070	Sequence message transfer number Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	M n..2	X
	0073	First/last sequence message transfer indication Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	C a1	X

**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the beginning of the message by identifying the message by a document/message number. It is recommended to sequentially number the messages relating to the same conveyance/voyage of the means of transport. Update (change or replace) messages can be accommodated using Message function code together with the Reference to previous message (in RFF segment) quoting the document/message number of the message being updated by this message.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		<b>DOCUMENT/MESSAGE NAME</b>	<b>C</b>	<b>R</b>
		Identification of a type of document/message by code or name. Code preferred.		
	<b>1001</b>	<b>Document/message name, coded</b>	<b>C an..3</b>	<b>R</b>
		Document/message identifier expressed in code.		
		<b>Business Rules:</b>		
		Variable Name:TankerNotanker		
		Causes error C49 in APERAK when not in accordance with previous provided message name for this Port Visit		
		<b>89N Dangerous Goods Notification for all other cargo (other than bulk in tanker)</b>		
	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C106	<b>1000</b>	<b>Document/message name</b>	<b>C an..35</b>	<b>X</b>
		<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>C</b>	<b>R</b>
		Identification of a document/message by its number and eventually its version or revision.		
	<b>1004</b>	<b>Document/message identifier</b>	<b>C an..35</b>	<b>R</b>
		Unique reference identifier assigned to the document/message by the issuer.		
1225		Causes error 112 in APERAK when not unique		
	<b>1056</b>	<b>Version</b>	<b>C an..9</b>	<b>X</b>
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>
		<b>MESSAGE FUNCTION, CODED</b>	<b>C an..3</b>	<b>R an1</b>
4343		Code indicating the function of the message.		
		<b>Business Rules:</b>		
		Variable Name:MessageFunction		
	<b>1</b>	<b>Cancellation</b>		
	<b>5</b>	<b>Replace</b>		
	<b>9</b>	<b>Original</b>		
		<b>RESPONSE TYPE, CODED</b>	<b>C an..3</b>	<b>X</b>

**Segment:** **DTM** Date/Time/Period - Message creation - 137  
**Position:** 0030  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment to indicate a date and time applying to the whole message, such as date and time of document/message issue.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

#### 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	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		137 Document/message date/time		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
		Causes error 382 in APERAK when not in valid or before 01-01-1970		
	2379	Date/time/period format qualifier	C an..3	R
		Specification of the representation of a date, a date and time or of a period.		
		203 CCYYMMDDHHMM		

**Segment:** **FTX** Free Text - Change information - CHG  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 6  
**Purpose:** A segment to give information on the changes in the message in case of changes to previously sent message. The text subject to be qualified: - Change information

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text.	M an..3	M
		<b>CHG</b> <b>Change information</b>		
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	O
	4441	Free text identification Free text in coded form.	O an..17	D
		<b>Business Rules:</b> 1. If MessageFunction EQ '9', then set Usage to 'Not Used'		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	X
	4440	Free text Free text field available to the message sender for information.	M an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X

**Segment:** **FTX** Free Text - Additional information - ACB  
**Position:** 0040  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To provide free form or coded text information.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text.	M an..3	M
		ACB Additional information		
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	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..3	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	R
	4440	Free text Free text field available to the message sender for information.	M an..70	M
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X

**Segment:** **FTX** Free Text - Certificate Of Fitness - COF/COS  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** To provide free form or coded text information.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Business Rules:**

1. If TankerNotanker EQ '89T', then set Usage to 'Used'
2. If TankerNotanker EQ '89N', 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>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text.	M an..3	M
		COF Certificate of Fitness available		
		COS Certificate of Fitness Stowage		
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	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..3	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	X
	4440	Free text Free text field available to the message sender for information.	M an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
	4440	Free text Free text field available to the message sender for information.	C an..70	X
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X



**Segment:** **HAN** Handling Instructions  
**Position:** 0050  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A segment to report a handling operation to be taken on the hazardous cargo. (Some ports oblige the agents to report only one handling operation of hazardous cargo per IFTDGN message).

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C524		<b>HANDLING INSTRUCTIONS</b>	<b>C</b>	<b>D</b>
		Instruction for the handling of goods, products or articles in shipment, storage etc.		
	<b>4079</b>	<b>Handling instructions, coded</b>	<b>C an..3</b>	<b>D</b>
		Identification of the instructions on how specified goods, packages or containers should be handled.		
		<b>Business Rules:</b>		
		Variable Name:HandlingAction		
		1. If HandlingActionConsig DOESN'T EXIST, then set Usage to 'Must Use'		
		<b>LDI Discharge action</b>		
		<b>LLO Load action</b>		
		<b>T In Transit action</b>		
C218	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	<b>4078</b>	<b>Handling instructions</b>	<b>C an..70</b>	<b>X</b>
		<b>HAZARDOUS MATERIAL</b>	<b>C</b>	<b>X</b>
		To specify a hazardous material.		
	<b>7419</b>	<b>Hazardous material class code, identification</b>	<b>C an..4</b>	<b>X</b>
	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	<b>7418</b>	<b>Hazardous material class</b>	<b>C an..35</b>	<b>X</b>

**Group:** **RFF** Segment Group 1: Reference - Previous message - ACW  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A group of segments to specify a reference relating to the whole message and its date and time.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0070	RFF	Reference - Previous message - ACW	M	1	

**Segment:** **RFF** Reference - Previous message - ACW  
**Position:** 0070 (Trigger Segment)  
**Group:** Segment Group 1 (Reference - Previous message - ACW) Conditional  
(Dependent)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Business Rules:**

1. If MessageFunction NE '9', then set Usage to 'Must Use'
2. If MessageFunction EQ '9', 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>
C506		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	1153	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference identifier.	<b>M an..3</b>	<b>M</b>
		<b>ACW Reference identifier to previous message</b>		
	1154	<b>Reference identifier</b> Unique identification attribute the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier. <b>Business Rules:</b> 1. If MessageFunction NE '9', then set Usage to 'Must Use'	<b>C an..35</b>	<b>D</b>
	1156	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference number.	<b>C an..6</b>	<b>O</b>
	4000	<b>Reference version number</b> To uniquely identify a reference by its version number.	<b>C an..35</b>	<b>O</b>
	1060	<b>Revision number</b> To specify a revision number.	<b>C an..6</b>	<b>O</b>

**Group:** **RFF** Segment Group 1: Reference - Carrier's agent ref.nr. - AAY  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to specify a reference relating to the whole message and its date and time.

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	0070	RFF	Reference - Carrier's agent ref.nr. - AAY	M	1	

**Segment:** **RFF** Reference - Carrier's agent ref.nr. - AAY  
**Position:** 0070 (Trigger Segment)  
**Group:** Segment Group 1 (Reference - Carrier's agent ref.nr. - AAY) Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M
		Code giving specific meaning to a reference segment or a reference identifier.		
		AAY Carrier's agent reference number		
	1154	Reference identifier	C an..35	R
		Unique identification attribute the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X
	1060	Revision number	C an..6	X

**Group:** **RFF** Segment Group 1: Reference - DG security number - ALG  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to specify a reference relating to the whole message and its date and time.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0070	RFF	Reference - DG security number - ALG	M	1	

**Segment:** **RFF** Reference - DG security number - ALG  
**Position:** 0070 (Trigger Segment)  
**Group:** Segment Group 1 (Reference - DG security number - ALG) Optional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C506</b>		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference identifier.	<b>M an..3</b>	<b>M</b>
		<b>ALG Dangerous goods security number</b>		
	<b>1154</b>	<b>Reference identifier</b> Unique identification attribute the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>	<b>R</b>
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>

**Group:** **RFF** Segment Group 1: Reference - Freight forwarder's ref.nr. - FF  
**Position:** 0060  
**Group:**  
**Level:** 1  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to specify a reference relating to the whole message and its date and time.

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	0070	RFF	Reference - Freight frowarder's ref.nr. - FF	M	1



**Segment:** **RFF** Reference - Freight forwarder's ref.nr. - FF  
**Position:** 0070 (Trigger Segment)  
**Group:** Segment Group 1 (Reference - Freight forwarder's ref.nr. - FF) Optional  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify a reference.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C506		REFERENCE	M	M	
		Identification of a reference.			
	1153	Reference qualifier	M an..3	M an..2	
		Code giving specific meaning to a reference segment or a reference identifier.			
		<b>FF Freight forwarder's reference number</b>			
	1154	Reference identifier	C an..35	O	
		Unique identification attribute the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.			
	1156	Line number	C an..6	O	
		Number of the line in the document/message referenced in 1154 Reference number.			
	4000	Reference version number	C an..35	O	
		To uniquely identify a reference by its version number.			
	1060	Revision number	C an..6	O	
		To specify a revision number.			

**Group:** **TDT** Segment Group 2: Details of Transport - Main carriage  
**Position:** 0090  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to indicate the details of the movement of goods such as means of transport, locations, arrival date/times. The following conditions apply: 1 This group should be completed when the IFTDGN relates to a seagoing vessel. 2 This group is not necessarily used when the IFTDGN does not relate to a seagoing vessel.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	0100	TDT	Details of Transport - Main carriage - 20	M	1	
Used	0111	RFF	Reference - Vessel radio callsign - VM	C	1	
Used	0112	RFF	Reference - DG transport licence number - ALH	C	1	
R	0113	RFF	Reference - Call Reference Number - SSX	C	1	
Used	0114	RFF	Reference - Voyage number - VON	C	1	
Used	0120	LOC	Location Identification - Port of call - 153	C	1	
D	0121	LOC	Location Identification - Next port of call - 61	C	1	
Used	0122	LOC	Location Identification - Place of origin - POO	C	1	
Used	0122	DTM	Date/Time/Period - Main carriage ETA PoC - 132	C	1	
Used	0123	DTM	Date/Time/Period - Main carriage ETD PoC - 133	C	1	

**Segment:** **TDT** Details of Transport - Main carriage - 20  
**Position:** 0100 (Trigger Segment)  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport information related to the visit of a means of transport in the port. The transport details to be specified: - Main transport

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8051		TRANSPORT STAGE QUALIFIER	M an..3	M an..2
		Qualifier giving a specific meaning to the transport details.		
	20	Main-carriage transport		
8028		CONVEYANCE REFERENCE NUMBER	C an..17	O
		Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).		
C220		MODE OF TRANSPORT	C	R
		Method of transport code or name. Code preferred.		
	8067	Mode of transport, coded	C an..3	O an1
		Coded method of transport used for the carriage of the goods.		
		<b>Business Rules:</b>		
		Variable Name:TransportMode		
	1	Maritime transport		
	8066	Mode of transport	C an..17	O
		Method of transport used for the carriage of the goods.		
C228		TRANSPORT MEANS	C	O
		Code and/or name identifying the type of means of transport.		
	8179	Type of means of transport identification	C an..8	O
		Code defining the type of the means of transport being utilized.		
		Refer to D.98B Data Element Dictionary for acceptable code values.		
	8178	Type of means of transport	C an..17	O
		Description of the type of the means of transport being utilized.		
C040		CARRIER	C	X
		Identification of a carrier by code and/or by name. Code preferred.		
	3127	Carrier identification	C an..17	X
		Identification of party undertaking or arranging transport of goods between named points.		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3128	Carrier name	C an..35	X
		Name of party undertaking or arranging transport of goods between named points.		
8101		TRANSIT DIRECTION, CODED	C an..3	X
C401		EXCESS TRANSPORTATION INFORMATION	C	X
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
	8457	Excess transportation reason, coded	M an..3	X
		Indication of reason for excess transportation.		
	8459	Excess transportation responsibility, coded	M an..3	X

		Indication of responsibility for excess transportation.			
	7130	<b>Customer authorization number</b>	C	an..17	X
		Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.			
C222		<b>TRANSPORT IDENTIFICATION</b>	C		R
		Code and/or name identifying the means of transport.			
	8213	<b>Id. of means of transport identification</b>	C	an..9	R
		Identification of the means of transport by name or number.			
		Causes error C50 in APERAK when not in accordance with Vessel identification supplied for this Port Visit			
	1131	<b>Code list qualifier</b>	C	an..3	X
	3055	<b>Code list responsible agency, coded</b>	C	an..3	X
	8212	<b>Id. of the means of transport</b>	C	an..35	R
		Identification of the means of transport by name or number.			
	8453	<b>Nationality of means of transport, coded</b>	C	an..3	R
		Coded name of the country in which a means of transport is registered.			
8281		<b>TRANSPORT OWNERSHIP, CODED</b>	C	an..3	X

**Segment:** **RFF** Reference - Vessel radio callsign - VM  
**Position:** 0111  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport licence reference number(s) of the main transport.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C506		REFERENCE	M	M	
		Identification of a reference.			
	1153	Reference qualifier	M an..3	M	an..2
		Code giving specific meaning to a reference segment or a reference number.			
		VM Vessel identification			
	1154	Reference identifier	C an..35	R	
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.			
	1156	Line number	C an..6	X	
	4000	Reference version number	C an..35	X	
	1060	Revision number	C an..6	X	

**Segment:** **RFF** Reference - DG transport licence number - ALH  
**Position:** 0112  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport licence reference number(s) of the main transport.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C506</b>		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number.	<b>M an..3</b>	<b>M</b>
		<b>ALH Dangerous goods transport licence number</b>		
	<b>1154</b>	<b>Reference identifier</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>	<b>R</b>
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>

**Segment:** **RFF** Reference - Call Reference Number - SSX  
**Position:** 0113  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport licence reference number(s) of the main transport.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		<b>REFERENCE</b>	<b>M</b>	<b>M</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference qualifier</b>	<b>M an..3</b>	<b>M</b>
		Code giving specific meaning to a reference segment or a reference number.		
		<b>SSX Ship's stay reference</b>		
	<b>1154</b>	<b>Reference identifier</b>	<b>C an..35</b>	<b>R</b>
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
		Causes error C51 in APERAK when supplied identifier not known in PCS or invalid.		
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>

**Segment:** **RFF** Reference - Voyage number - VON  
**Position:** 0114  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport licence reference number(s) of the main transport.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C506</b>		<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>M</b>
	<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number.	<b>M an..3</b>	<b>M</b>
		<b>VON Voyage number</b>		
	<b>1154</b>	<b>Reference identifier</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>	<b>R</b>
	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>	<b>X</b>
	<b>4000</b>	<b>Reference version number</b>	<b>C an..35</b>	<b>X</b>
	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>	<b>X</b>



**Segment:** **LOC** Location Identification - Port of call - 153  
**Position:** 0120  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate locations related to the arrival of the means of transport. The location to be qualified: - Berth - Port of origin - Location of goods

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 153 Port of call	M an..3	M
C517		LOCATION IDENTIFICATION - UNLOC Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. Causes error 563 in APERAK when not in accordance with Port of call supplied for this Port Visit	C an..25	R
	1131	Code list qualifier Identification of a code list.	C an..3	O
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	O
	3224	Place/location Name of place/location, other than 3164 City name.	C an..70	O
C519		RELATED LOCATION ONE IDENTIFICATION - BERTH Identification the first related location by code or name.	C	O
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION - BERTH-JETTY Identification of second related location by code or name.	C	O
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

**Segment:** **LOC** Location Identification - Next port of call - 61  
**Position:** 0121  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A segment to indicate locations related to the arrival of the means of transport. The location to be qualified: - Berth - Port of origin - Location of goods

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Business Rules:**

1. If TankerNotanker EQ '89T', then set Usage to 'Used'
2. If TankerNotanker EQ '89N', 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>
3227		PLACE/LOCATION QUALIFIER	M an..3	M an..2
		Code identifying the function of a location.		
		61 Next port of call		
C517		LOCATION IDENTIFICATION	C	R
		Identification of a location by code or name.		
	3225	Place/location identification	C an..25	O
		Identification of the name of place/location, other than 3164 City name.		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION	C	X
		Identification the first related location by code or name.		
	3223	Related place/location one identification	C an..25	X
		Specification of the first related place/location by code.		
	1131	Code list qualifier	C an..3	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.		
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION	C	X
		Identification of second related location by code or name.		
	3233	Related place/location two identification	C an..25	X
		Specification of a second related place/location by code.		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

**Segment:** **LOC** Location Identification - Place of origin - POO  
**Position:** 0122  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate locations related to the arrival of the means of transport. The location to be qualified: - Berth - Port of origin - Location of goods

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location.	M an..3	M an..2
		POO Place of Origin		
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name.	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	X
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	X
	1131	Code list qualifier Identification of a code list.	C an..3	X
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	X
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

**Segment:** **DTM** Date/Time/Period - Main carriage ETA PoC - 132  
**Position:** 0122  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate expected time and date of arrival and departure. The date/time to be qualified: - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		132 Arrival date/time, estimated		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date/time/period format qualifier	C an..3	R
		Specification of the representation of a date, a date and time or of a period.		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		

**Segment:** **DTM** Date/Time/Period - Main carriage ETD PoC - 133  
**Position:** 0123  
**Group:** Segment Group 2 (Details of Transport - Main carriage) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate expected time and date of arrival and departure. The date/time to be qualified: - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		133 Departure date/time, estimated		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date/time/period format qualifier	C an..3	R
		Specification of the representation of a date, a date and time or of a period.		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		

**Group:** **NAD** Segment Group 3: Name and Address - Message sender - MS  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2

**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** Segment Group 3 (Name and Address - Message sender - MS) Conditional  
(Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message.  
The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
Remark: the place of this segment group in the message is derived from the single  
consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message  
recipient, Message sender, Acknowledgement recipient, Notify  
party (in case of calamity).

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>	<b>M an..2</b>
	<b>MS</b>	<b>Document/message issuer/sender</b>		
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>	<b>R</b>
	3039	<b>Party identification</b> Code identifying a party involved in a transaction. Causes error 143 in APERAK when not known as a valid Party for the Port Visit	<b>C an..35</b>	<b>R</b>
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	<b>C</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>M an..35</b>	<b>M</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	<b>C</b>	<b>O</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>M an..35</b>	<b>M</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>C an..35</b>	<b>O</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>C an..35</b>	<b>O</b>

	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3045</b>	<b>Party name format, coded</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Specification of the representation of a party name.			
		Refer to D.98B Data Element Dictionary for acceptable code values.			
<b>C059</b>		<b>STREET</b>	<b>C</b>		<b>O</b>
		Street address and/or PO Box number in a structured address: one to four lines.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
<b>3164</b>		<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>		<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>		<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Code defining postal zones or addresses.			
<b>3207</b>		<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			



**Group:** **CTA** Segment Group 4: Contact Information  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address - Message sender - MS) Conditional  
(Retired)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party,  
e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a  
calamity.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0170	CTA	Contact Information	M	1	
Used	0180	COM	Communication Contact	C	3	

**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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, CODED	C an..3	R
		Code specifying the function of a contact (e.g. department or person).		
		IC Information contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
		Code and/or name of a department or employee. Code preferred.		
	3413	Department or employee identification	C an..17	O
		Internal identification code.		
	3412	Department or employee	C an..35	O
		The department or person within an organizational entity.		

**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication number	M an..512	M
		The communication number.		
	3155	Communication channel qualifier	M an..3	M an..2
		Code identifying the type of communication channel being used.		
		EI EDI transmission		
		FX Telefax		
		TE Telephone		

**Group:** **NAD** Segment Group 3: Name and Address - Message recipient - MR  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2

**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** Segment Group 3 (Name and Address - Message recipient - MR) Conditional  
(Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message.  
The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
Remark: the place of this segment group in the message is derived from the single  
consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message  
recipient, Message sender, Acknowledgement recipient, Notify  
party (in case of calamity).

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>	<b>M an..2</b>
		<b>MR</b> Message recipient		
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>	<b>R</b>
	3039	<b>Party identification</b> Code identifying a party involved in a transaction. Causes error 132 in APERAK when not known as a valid Party for this Port Visit	<b>C an..35</b>	<b>R</b>
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	<b>C</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>M an..35</b>	<b>M</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	<b>C</b>	<b>O</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>M an..35</b>	<b>M</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>C an..35</b>	<b>O</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>C an..35</b>	<b>O</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>C an..35</b>	<b>O</b>

		Name of a party involved in a transaction.			
	3036	<b>Party name</b>	C	an..35	O
		Name of a party involved in a transaction.			
	3045	<b>Party name format, coded</b>	C	an..3	O
		Specification of the representation of a party name.			
		Refer to D.98B Data Element Dictionary for acceptable code values.			
C059		<b>STREET</b>	C		O
		Street address and/or PO Box number in a structured address: one to four lines.			
	3042	<b>Street and number/p.o. box</b>	M	an..35	M
		Street and number in plain language, or Post Office Box No.			
	3042	<b>Street and number/p.o. box</b>	C	an..35	O
		Street and number in plain language, or Post Office Box No.			
	3042	<b>Street and number/p.o. box</b>	C	an..35	O
		Street and number in plain language, or Post Office Box No.			
	3042	<b>Street and number/p.o. box</b>	C	an..35	O
		Street and number in plain language, or Post Office Box No.			
3164		<b>CITY NAME</b>	C	an..35	O
		Name of a city (a town, a village) for addressing purposes.			
3229		<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	C	an..9	O
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
3251		<b>POSTCODE IDENTIFICATION</b>	C	an..9	O
		Code defining postal zones or addresses.			
3207		<b>COUNTRY, CODED</b>	C	an..3	O
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			

**Group:** **CTA** Segment Group 4: Contact Information  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address - Message recipient - MR) Conditional  
 (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party,  
 e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a  
 calamity.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0170	CTA	Contact Information	M	1	
Used	0180	COM	Communication Contact	C	3	

**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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, CODED	C an..3	R
		Code specifying the function of a contact (e.g. department or person).		
		IC Information contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
		Code and/or name of a department or employee. Code preferred.		
	3413	Department or employee identification	C an..17	O
		Internal identification code.		
	3412	Department or employee	C an..35	O
		The department or person within an organizational entity.		



**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**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	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication number	M an..512	M
		The communication number.		
	3155	Communication channel qualifier	M an..3	M an..2
		Code identifying the type of communication channel being used.		
		EI EDI transmission		
		FX Telefax		
		TE Telephone		

**Group:** **NAD** Segment Group 3: Name and Address - Carrier's agent - CG  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2

**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** Segment Group 3 (Name and Address - Carrier's agent - CG) Conditional  
(Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message.  
The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
Remark: the place of this segment group in the message is derived from the single  
consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message  
recipient, Message sender, Acknowledgement recipient, Notify  
party (in case of calamity).

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	M an..3	M an..2
		<b>CG</b> <b>Carrier's agent</b>		
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	R
	3039	<b>Party identification</b> Code identifying a party involved in a transaction. Causes error 136 in APERAK when not known as a valid Party for this Port Visit	C an..35	R
	1131	<b>Code list qualifier</b>	C an..3	X
	3055	<b>Code list responsible agency, coded</b>	C an..3	X
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	O
	3124	<b>Name and address line</b> Free form name and address description.	M an..35	M
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
	3124	<b>Name and address line</b> Free form name and address description.	C an..35	O
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	M an..35	M
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O
	3036	<b>Party name</b> Name of a party involved in a transaction.	C an..35	O

	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3045</b>	<b>Party name format, coded</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Specification of the representation of a party name.			
		Refer to D.98B Data Element Dictionary for acceptable code values.			
<b>C059</b>		<b>STREET</b>	<b>C</b>		<b>O</b>
		Street address and/or PO Box number in a structured address: one to four lines.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
<b>3164</b>		<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>		<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>		<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Code defining postal zones or addresses.			
<b>3207</b>		<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			

**Group:** **CTA** Segment Group 4: Contact Information  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address - Carrier's agent - CG) Conditional  
(Retired)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party,  
e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a  
calamity.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0170	CTA	Contact Information	M	1	
Used	0180	COM	Communication Contact	C	3	

**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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, CODED	C an..3	R
		Code specifying the function of a contact (e.g. department or person).		
		IC Information contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
		Code and/or name of a department or employee. Code preferred.		
	3413	Department or employee identification	C an..17	O
		Internal identification code.		
	3412	Department or employee	C an..35	O
		The department or person within an organizational entity.		

**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

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	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication number	M an..512	M
		The communication number.		
	3155	Communication channel qualifier	M an..3	M
		Code identifying the type of communication channel being used.		
		EI EDI transmission		
		FX Telefax		
		TE Telephone		

**Group:** **NAD** Segment Group 3: Name and Address - Emergency response - FU  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2



**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** Segment Group 3 (Name and Address - Emergency response - FU) Conditional  
(Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message.  
The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
Remark: the place of this segment group in the message is derived from the single  
consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message  
recipient, Message sender, Acknowledgement recipient, Notify  
party (in case of calamity).

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>	<b>M an..2</b>
		<b>FU Hazardous material office</b>		
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>	<b>R</b>
	3039	<b>Party identification</b> Code identifying a party involved in a transaction.	<b>M an..35</b>	<b>M</b>
	1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O an..17</b>
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O</b>
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	<b>C</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>M an..35</b>	<b>M</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	<b>C</b>	<b>O</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>M an..35</b>	<b>M</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>C an..35</b>	<b>O</b>

	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3045</b>	<b>Party name format, coded</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Specification of the representation of a party name.			
		Refer to D.98B Data Element Dictionary for acceptable code values.			
<b>C059</b>		<b>STREET</b>	<b>C</b>		<b>O</b>
		Street address and/or PO Box number in a structured address: one to four lines.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
<b>3164</b>		<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>		<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>		<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Code defining postal zones or addresses.			
<b>3207</b>		<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			

**Group:** **CTA** Segment Group 4: Contact Information  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address - Emergency response - FU) Conditional  
 (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party,  
 e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a  
 calamity.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0170	CTA	Contact Information	M	1	
Used	0180	COM	Communication Contact	C	3	

**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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, CODED	C an..3	R
		Code specifying the function of a contact (e.g. department or person).		
		HE Emergency dangerous goods contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
		Code and/or name of a department or employee. Code preferred.		
	3413	Department or employee identification	C an..17	O
		Internal identification code.		
	3412	Department or employee	C an..35	O
		The department or person within an organizational entity.		

**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication number	M an..512	M
		The communication number.		
	3155	Communication channel qualifier	M an..3	M an..2
		Code identifying the type of communication channel being used.		
		EI EDI transmission		
		FX Telefax		
		TE Telephone		

**Group:** **NAD** Segment Group 3: Name and Address - AK/CA/FW/N1  
**Position:** 0140  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 6  
**Purpose:** A group of segments to identify a party relevant to the entire message, and its related contacts.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	0150	NAD	Name and Address	M	1	
	0160		Segment Group 4: Contact Information	C		2

**Segment:** **NAD** Name and Address  
**Position:** 0150 (Trigger Segment)  
**Group:** Segment Group 3 (Name and Address - AK/CA/FW/N1) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name, address and function relevant to the entire message.  
 The functions to be qualified: - Carrier - either Carrier's agent or Freight forwarder  
 Remark: the place of this segment group in the message is derived from the single  
 consignment based (IFTMxx) messages (and not the IFCSUM message). e.g.: Message  
 recipient, Message sender, Acknowledgement recipient, Notify  
 party (in case of calamity).

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>	<b>M an..2</b>
		AK Acknowledgement recipient		
		CA Carrier		
		FW Freight forwarder		
		N1 Notify party no. 1		
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>	<b>R</b>
	3039	<b>Party identification</b> Code identifying a party involved in a transaction.	<b>M an..35</b>	<b>M</b>
	1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O an..17</b>
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O</b>
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	<b>C</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>M an..35</b>	<b>M</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	<b>C</b>	<b>O</b>
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>M an..35</b>	<b>M</b>

	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a party involved in a transaction.			
	<b>3045</b>	<b>Party name format, coded</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Specification of the representation of a party name.			
		Refer to D.98B Data Element Dictionary for acceptable code values.			
<b>C059</b>		<b>STREET</b>	<b>C</b>		<b>O</b>
		Street address and/or PO Box number in a structured address: one to four lines.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M</b>	<b>an..35</b>	<b>M</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Street and number in plain language, or Post Office Box No.			
<b>3164</b>		<b>CITY NAME</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
		Name of a city (a town, a village) for addressing purposes.			
<b>3229</b>		<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
<b>3251</b>		<b>POSTCODE IDENTIFICATION</b>	<b>C</b>	<b>an..9</b>	<b>O</b>
		Code defining postal zones or addresses.			
<b>3207</b>		<b>COUNTRY, CODED</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			



**Group:** **CTA** Segment Group 4: Contact Information  
**Position:** 0160  
**Group:** Segment Group 3 (Name and Address - AK/CA/FW/N1) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments identifying a contact and its communications related to the party, e.g. to whom an acknowledgement is to be sent or who is to be contacted in case of a calamity.

Segment Summary						
	<b>Pos. <u>No.</u></b>	<b>Seg. <u>ID</u></b>	<b><u>Name</u></b>	<b>Req. <u>Des.</u></b>	<b>Max. <u>Use</u></b>	<b>Group: <u>Repeat</u></b>
M	0170	CTA	Contact Information	M	1	
Used	0180	COM	Communication Contact	C	3	

**Segment:** **CTA** **Contact Information**  
**Position:** 0170 (Trigger Segment)  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department within a party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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, CODED	C an..3	R an..2
		Code specifying the function of a contact (e.g. department or person).		
		IC Information contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
		Code and/or name of a department or employee. Code preferred.		
	3413	Department or employee identification	C an..17	O
		Internal identification code.		
	3412	Department or employee	C an..35	O
		The department or person within an organizational entity.		

**Segment:** **COM** **Communication Contact**  
**Position:** 0180  
**Group:** Segment Group 4 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 3  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed, e.g. e-mail number, telefax number, telephone number.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**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	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication number	M an..512	M
		The communication number.		
	3155	Communication channel qualifier	M an..3	M an..2
		Code identifying the type of communication channel being used.		
		EI EDI transmission		
		FX Telefax		
		TE Telephone		

**Group:** **EQD** Segment Group 5: Equipment Details  
**Position:** 0190  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify the equipment in which the dangerous cargo is transported.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0200	EQD	Equipment Details - BR/CN/TE	M	1	
Used	0210	MEA	Measurements - Net tonnage vessel - AAN	C	1	

**Segment:** **EQD** Equipment Details - BR/CN/TE  
**Position:** 0200 (Trigger Segment)  
**Group:** Segment Group 5 (Equipment Details) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify the equipment identification and the equipment size and type of the equipment used in the transport. The equipment to be qualified: - Barge, lighter  
- Container - Trailer

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8053		<b>EQUIPMENT QUALIFIER</b> Code identifying type of equipment. <b>BR</b> Barge <b>CN</b> Container <b>TE</b> Trailer	<b>M an..3</b>	<b>M an..2</b>
C237		<b>EQUIPMENT IDENTIFICATION</b> Marks (letters and/or numbers) identifying equipment used for transport such as a container.	<b>C</b>	<b>O</b>
	8260	<b>Equipment identification number</b> Marks (letters and/or numbers) which identify equipment e.g. unit load device.	<b>C an..17</b>	<b>O</b>
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	3207	<b>Country, coded</b>	<b>C an..3</b>	<b>X</b>
C224		<b>EQUIPMENT SIZE AND TYPE</b> Code and/or name identifying size and type of equipment used in transport. Code preferred.	<b>C</b>	<b>O</b>
	8155	<b>Equipment size and type identification</b> Coded description of the size and type of equipment e.g. unit load device. Causes error C65 in APERAK when not valid Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..10</b>	<b>O</b>
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	8154	<b>Equipment size and type</b> Plain language description of the size and type of equipment e.g. unit load device.	<b>C an..35</b>	<b>O</b>
8077		<b>EQUIPMENT SUPPLIER, CODED</b>	<b>C an..3</b>	<b>X</b>
8249		<b>EQUIPMENT STATUS, CODED</b>	<b>C an..3</b>	<b>X</b>
8169		<b>FULL/EMPTY INDICATOR, CODED</b> To indicate the extent to which the equipment is full or empty. <b>4</b> Empty <b>5</b> Full	<b>C an..3</b>	<b>O</b>

**Segment:** **MEA** Measurements - Net tonnage vessel - AAN  
**Position:** 0210  
**Group:** Segment Group 5 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify measurements, other than dimensions, associated with the equipment. The measurement to be qualified: - Maximum payload (of the barge)

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. AAE Measurement	M an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured. AAN Net tonnage of the vessel	C an..3	R
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute identification	C an..17	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. KGM Kilogram TNE (Metric) Tonne	M an..3	M
	6314	Measurement value Value of the measured unit.	C an..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

**Group:** **CNI** Segment Group 6: Consignment Information  
**Position:** 0220  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 9999  
**Purpose:** A group of segments to describe a consignment of dangerous goods carried or to be carried on the means of transport specified before.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0230	CNI	Consignment Information	M	1	
D	0240	HAN	Handling Instructions	C	1	
Used	0250	DTM	Date/Time/Period - Estimated handling - 369	O	1	
Used	0250	DTM	Date/Time/Period - Pre-carriage ETA PoC - 132	C	1	
Used	0250	DTM	Date/Time/Period - On-carriage ETD PoC - 133	C	1	
Used	0260	LOC	Location Identification - Place of handling - T34	C	1	
Used	0260	LOC	Location Identification - Port of loading - 9	C	1	
Used	0260	LOC	Location Identification - Port of discharge - 11	C	1	
	0270		Segment Group 7: Details of Transport	C		1
	0300		Segment Group 8: Name and Address	C		1
	0300		Segment Group 8: Name and Address	C		1
	0360		Segment Group 10: Goods Item Details	M		999

**Segment:** **CNI** Consignment Information  
**Position:** 0230 (Trigger Segment)  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the consignment and to indicate whether the consignment is to be loaded, discharged or in transit.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1490		CONSOLIDATION ITEM NUMBER	C n..4	R
		Serial number differentiating each separate consignment included in the consolidation.		
C503		DOCUMENT/MESSAGE DETAILS	C	O
		Identification of document/message by number, status, source and/or language.		
	1004	Document/message number	C an..35	O
		Reference number assigned to the document/message by the issuer.		
	1373	Document/message status, coded	C an..3	X
	1366	Document/message source	C an..70	X
	3453	Language, coded	C an..3	X
	1056	Version	C an..9	X
	1060	Revision number	C an..6	X
1312		CONSIGNMENT LOAD SEQUENCE NUMBER	C n..4	X



**Segment:** **HAN** Handling Instructions  
**Position:** 0240  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A segment to report a handling operation to be taken on the hazardous cargo of the consignment. Some ports allow to report one handling operation of hazardous cargo per consignment in the IFTDGN message.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C524		<b>HANDLING INSTRUCTIONS</b>	<b>C</b>	<b>D</b>
		Instruction for the handling of goods, products or articles in shipment, storage etc.		
	4079	<b>Handling instructions, coded</b>	<b>C an..3</b>	<b>D</b>
		Identification of the instructions on how specified goods, packages or containers should be handled.		
		<b>Business Rules:</b>		
		Variable Name:HandlingActionConsig		
		1. If HandlingAction DOESN'T EXIST, then set Usage to 'Must Use'		
		<b>LDI Discharge action</b>		
		<b>LLO Load action</b>		
		<b>T In Transit action</b>		
C218	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	4078	<b>Handling instructions</b>	<b>C an..70</b>	<b>X</b>
		<b>HAZARDOUS MATERIAL</b>	<b>C</b>	<b>X</b>
		To specify a hazardous material.		
	7419	<b>Hazardous material class code, identification</b>	<b>C an..4</b>	<b>X</b>
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	7418	<b>Hazardous material class</b>	<b>C an..35</b>	<b>X</b>

**Segment:** **DTM** Date/Time/Period - Estimated handling - 369  
**Position:** 0250  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate time and date of the load or discharge operation. The date/time to be qualified: - Date/time of operation - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

#### 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	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		369 Date and or time of handling, estimated		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date/time/period format qualifier	C an..3	R
		Specification of the representation of a date, a date and time or of a period.		
		101 YYMMDD		
		203 CCYYMMDDHHMM		
		719 CCYYMMDDHHMM-CCYYMMDDHHMM		

**Segment:** **DTM** Date/Time/Period - Pre-carriage ETA PoC - 132  
**Position:** 0250  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate time and date of the load or discharge operation. The date/time to be qualified: - Date/time of operation - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		132 Arrival date/time, estimated		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date/time/period format qualifier	C an..3	R
		Specification of the representation of a date, a date and time or of a period.		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		

**Segment:** **DTM** Date/Time/Period - On-carriage ETD PoC - 133  
**Position:** 0250  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate time and date of the load or discharge operation. The date/time to be qualified: - Date/time of operation - Estimated date/time of arrival - Estimated date/time of departure

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

#### 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	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date/time/period qualifier	M an..3	M
		Code giving specific meaning to a date, time or period.		
		133 Departure date/time, estimated		
	2380	Date/time/period	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date/time/period format qualifier	C an..3	R
		Specification of the representation of a date, a date and time or of a period.		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		

**Segment:** **LOC** Location Identification - Place of handling - T34  
**Position:** 0260  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate locations related to the arrival of a consignment. The location to be qualified: - place/port of loading - place/port of discharge - berth (as the place where the discharge/load/in transit action is to take place) - warehouse (as the place where the consignment will be stored)

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. <b>T34</b> Place of handling	M an..3	M
C517		LOCATION IDENTIFICATION - UNLOC Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name. Causes error C52 in APERAK when not in accordance Port of Call	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION - BERTH/TERMINAL/WAREHOUSE Identification the first related location by code or name.	C	O
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	R
	1131	Code list qualifier Identification of a code list. <b>BER</b> Berth <b>TER</b> Terminal <b>WAR</b> Warehouse	C an..3	R
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. <b>ZZZ</b> Mutually defined	C an..3	R
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION - BERTH-JETTY Identification of second related location by code or name.	C	O
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

**Segment:** **LOC** Location Identification - Port of loading - 9  
**Position:** 0260  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate locations related to the arrival of a consignment. The location to be qualified: - place/port of loading - place/port of discharge - berth (as the place where the discharge/load/in transit action is to take place) - warehouse (as the place where the consignment will be stored)

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location. <b>9 Place/port of loading</b>	<b>M an..3</b>	<b>M an1</b>
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	<b>C</b>	<b>R</b>
	3225	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name. Causes error C53 in APERAK when not in accordance with Vessel Voyage	<b>C an..25</b>	<b>O</b>
	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
C519	3224	<b>Place/location</b>	<b>C an..70</b>	<b>X</b>
		<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	<b>C</b>	<b>X</b>
	3223	<b>Related place/location one identification</b> Specification of the first related place/location by code.	<b>C an..25</b>	<b>X</b>
	1131	<b>Code list qualifier</b> Identification of a code list.	<b>C an..3</b>	<b>X</b>
C553	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	<b>C an..3</b>	<b>X</b>
	3222	<b>Related place/location one</b>	<b>C an..70</b>	<b>X</b>
		<b>RELATED LOCATION TWO IDENTIFICATION</b> Identification of second related location by code or name.	<b>C</b>	<b>X</b>
	3233	<b>Related place/location two identification</b> Specification of a second related place/location by code.	<b>C an..25</b>	<b>X</b>
5479	1131	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	3055	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	3232	<b>Related place/location two</b>	<b>C an..70</b>	<b>X</b>
		<b>RELATION, CODED</b>	<b>C an..3</b>	<b>X</b>

**Segment:** **LOC** **Location Identification - Port of discharge - 11**  
**Position:** 0260  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate locations related to the arrival of a consignment. The location to be qualified: - place/port of loading - place/port of discharge - berth (as the place where the discharge/load/in transit action is to take place) - warehouse (as the place where the consignment will be stored)

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		<b>PLACE/LOCATION QUALIFIER</b> Code identifying the function of a location.	M an..3	M an..2
		<b>11 Place/port of discharge</b>		
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C	R
	3225	<b>Place/location identification</b> Identification of the name of place/location, other than 3164 City name. Causes error C54 in APERAK when not in accordance with Vessel Voyage	C an..25	O
	1131	<b>Code list qualifier</b>	C an..3	X
	3055	<b>Code list responsible agency, coded</b>	C an..3	X
	3224	<b>Place/location</b>	C an..70	X
C519		<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	C	X
	3223	<b>Related place/location one identification</b> Specification of the first related place/location by code.	C an..25	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	3222	<b>Related place/location one</b>	C an..70	X
C553		<b>RELATED LOCATION TWO IDENTIFICATION</b> Identification of second related location by code or name.	C	X
	3233	<b>Related place/location two identification</b> Specification of a second related place/location by code.	C an..25	X
	1131	<b>Code list qualifier</b>	C an..3	X
	3055	<b>Code list responsible agency, coded</b>	C an..3	X
	3232	<b>Related place/location two</b>	C an..70	X
5479		<b>RELATION, CODED</b>	C an..3	X

**Group:** **TDT** Segment Group 7: Details of Transport  
**Position:** 0270  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to specify transport details of the consignment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0280	TDT	Details of Transport - Pre-/on-carriage - 10/30	M	1	
Used	0290	RFF	Reference - DG transport licence nr. - ALH	C	1	
Used	0290	RFF	Reference - Pre-/on-carriage call reference number - SSX	C	1	
Used	0290	RFF	Reference - Pre-/on-carriage vessel radio callsign - VM	C	1	



**Segment:** **TDT** Details of Transport - Pre-/on-carriage - 10/30  
**Position:** 0280 (Trigger Segment)  
**Group:** Segment Group 7 (Details of Transport) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport information related to the arrival (pre-carriage) or the departure (on-carriage) of the consignment. The transport details to be specified: -  
 Pre-carriage - On-carriage

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
8051		<b>TRANSPORT STAGE QUALIFIER</b>	M an..3	M	an..2
		Qualifier giving a specific meaning to the transport details.			
		10 Pre-carriage transport			
		30 On-carriage transport			
8028		<b>CONVEYANCE REFERENCE NUMBER</b>	C an..17	O	
		Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).			
C220		<b>MODE OF TRANSPORT</b>	C	R	
		Method of transport code or name. Code preferred.			
	8067	<b>Mode of transport, coded</b>	C an..3	O	an1
		Coded method of transport used for the carriage of the goods.			
		1 Maritime transport			
		2 Rail transport			
		3 Road transport			
		7 Fixed installations			
		8 Inland water transport			
	8066	<b>Mode of transport</b>	C an..17	O	
		Method of transport used for the carriage of the goods.			
C228		<b>TRANSPORT MEANS</b>	C	X	
		Code and/or name identifying the type of means of transport.			
	8179	<b>Type of means of transport identification</b>	C an..8	X	
	8178	<b>Type of means of transport</b>	C an..17	X	
C040		<b>CARRIER</b>	C	X	
		Identification of a carrier by code and/or by name. Code preferred.			
	3127	<b>Carrier identification</b>	C an..17	X	
	1131	<b>Code list qualifier</b>	C an..3	X	
	3055	<b>Code list responsible agency, coded</b>	C an..3	X	
	3128	<b>Carrier name</b>	C an..35	X	
8101		<b>TRANSIT DIRECTION, CODED</b>	C an..3	X	
C401		<b>EXCESS TRANSPORTATION INFORMATION</b>	C	X	
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.			
	8457	<b>Excess transportation reason, coded</b>	M an..3	X	
		Indication of reason for excess transportation.			
	8459	<b>Excess transportation responsibility, coded</b>	M an..3	X	
		Indication of responsibility for excess transportation.			
	7130	<b>Customer authorization number</b>	C an..17	X	

<b>C222</b>	<b>TRANSPORT IDENTIFICATION</b>	<b>C</b>		<b>O</b>
	Code and/or name identifying the means of transport.			
<b>8213</b>	<b>Id. of means of transport identification</b>	<b>C</b>	<b>an..9</b>	<b>R</b>
	Identification of the means of transport by name or number.			
<b>1131</b>	<b>Code list qualifier</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C</b>	<b>an..3</b>	<b>X</b>
<b>8212</b>	<b>Id. of the means of transport</b>	<b>C</b>	<b>an..35</b>	<b>O</b>
	Identification of the means of transport by name or number.			
<b>8453</b>	<b>Nationality of means of transport, coded</b>	<b>C</b>	<b>an..3</b>	<b>O</b>
	Coded name of the country in which a means of transport is registered.			
<b>8281</b>	<b>TRANSPORT OWNERSHIP, CODED</b>	<b>C</b>	<b>an..3</b>	<b>X</b>

**Segment:** **RFF** Reference - DG transport licence nr. - ALH  
**Position:** 0290  
**Group:** Segment Group 7 (Details of Transport) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport licence number(s) of the pre- or on- carriage transport.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M
		Code giving specific meaning to a reference segment or a reference number.		
		ALH Dangerous goods transport licence number		
	1154	Reference identifier	C an..35	R
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X
	1060	Revision number	C an..6	X

**Segment:** **RFF** Reference - Pre-/on-carriage call reference number - SSX  
**Position:** 0290  
**Group:** Segment Group 7 (Details of Transport) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport licence number(s) of the pre- or on- carriage transport.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M
		Code giving specific meaning to a reference segment or a reference number.		
		SSX Ship's stay reference		
	1154	Reference identifier	C an..35	R
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X
	1060	Revision number	C an..6	X

**Segment:** **RFF** Reference - Pre-/on-carriage vessel radio callsign - VM  
**Position:** 0290  
**Group:** Segment Group 7 (Details of Transport) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the transport licence number(s) of the pre- or on- carriage transport.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M an..2
		Code giving specific meaning to a reference segment or a reference number.		
		VM Vessel identification		
	1154	Reference identifier	C an..35	O
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
	1156	Line number	C an..6	O
		Number of the line in the document/message referenced in 1154 Reference number.		
	4000	Reference version number	C an..35	O
		To uniquely identify a reference by its version number.		
	1060	Revision number	C an..6	O
		To specify a revision number.		

**Group:** **NAD** Segment Group 8: Name and Address  
**Position:** 0300  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party related to the consignment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0310	NAD	Name and Address - Carrier's agent - CG	M	1	
	0320		Segment Group 9: Contact Information	C		1
Used	0350	RFF	Reference - Carrier's agent ref.nr. - AAY	C	1	

**Segment:** **NAD** Name and Address - Carrier's agent - CG  
**Position:** 0310 (Trigger Segment)  
**Group:** Segment Group 8 (Name and Address) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name and address relevant to the consignment. The function to be qualified: - Consignor - either Carrier's agent or Freight forwarder

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>	<b>M</b>	<b>an..2</b>
		<b>CG Carrier's agent</b>			
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>	<b>O</b>	
	3039	<b>Party identification</b> Code identifying a party involved in a transaction.	<b>M an..35</b>	<b>M</b>	
	1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O</b>	<b>an..17</b>
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O</b>	
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	<b>C</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>M an..35</b>	<b>M</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	<b>C</b>	<b>X</b>	
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>M an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3045	<b>Party name format, coded</b>	<b>C an..3</b>	<b>X</b>	
C059		<b>STREET</b>	<b>C</b>	<b>X</b>	

	Street address and/or PO Box number in a structured address: one to four lines.			
3042	Street and number/p.o. box	M	an..35	X
	Street and number in plain language, or Post Office Box No.			
3042	Street and number/p.o. box	C	an..35	X
3042	Street and number/p.o. box	C	an..35	X
3042	Street and number/p.o. box	C	an..35	X
3164	CITY NAME	C	an..35	X
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	X
3251	POSTCODE IDENTIFICATION	C	an..9	X
3207	COUNTRY, CODED	C	an..3	X



**Group:** **CTA** Segment Group 9: Contact Information  
**Position:** 0320  
**Group:** Segment Group 8 (Name and Address) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a contact and its communications related to the party.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0330	CTA	Contact Information	M	1	
Used	0340	COM	Communication Contact - TE	C	1	
Used	0340	COM	Communication Contact - FX	C	1	

**Segment:** **CTA** **Contact Information**  
**Position:** 0330 (Trigger Segment)  
**Group:** Segment Group 9 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or a department within the party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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, CODED	C an..3	R an..2
		Code specifying the function of a contact (e.g. department or person).		
		IC Information contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
		Code and/or name of a department or employee. Code preferred.		
	3413	Department or employee identification	C an..17	O
		Internal identification code.		
	3412	Department or employee	C an..35	O
		The department or person within an organizational entity.		

**Segment:** **COM** **Communication Contact - TE**  
**Position:** 0340  
**Group:** Segment Group 9 (Contact Information) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to identify a communication number of the contact to whom communication should be directed.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C076</b>		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>M</b>
		Communication number of a department or employee in a specified channel.		
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>	<b>M</b>
		The communication number.		
	<b>3155</b>	<b>Communication channel qualifier</b>	<b>M an..3</b>	<b>M an..2</b>
		Code identifying the type of communication channel being used.		
		<b>TE Telephone</b>		

**Segment:** **COM** **Communication Contact - FX**  
**Position:** 0340  
**Group:** Segment Group 9 (Contact Information) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to identify a communication number of the contact to whom communication should be directed.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C076</b>		<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>M</b>
		Communication number of a department or employee in a specified channel.		
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>	<b>M</b>
		The communication number.		
	<b>3155</b>	<b>Communication channel qualifier</b>	<b>M an..3</b>	<b>M an..2</b>
		Code identifying the type of communication channel being used.		
		<b>FX</b> <b>Telefax</b>		

**Segment:** **RFF** Reference - Carrier's agent ref.nr. - AAY  
**Position:** 0350  
**Group:** Segment Group 8 (Name and Address) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to express a reference for the consignment related to the party. The reference to be qualified: - Carrier's agent reference number - Freight forwarders reference number

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M
		Code giving specific meaning to a reference segment or a reference number.		
		AAY Carrier's agent reference number		
	1154	Reference identifier	C an..35	R
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X
	1060	Revision number	C an..6	X

**Group:** **NAD** Segment Group 8: Name and Address  
**Position:** 0300  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a party related to the consignment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0310	NAD	Name and Address - Freight forwarder - FW	M	1	
	0320		Segment Group 9: Contact Information	C		1
Used	0350	RFF	Reference - Freight forwarder's ref.nr. - FF	C	1	

**Segment:** **NAD** Name and Address - Freight forwarder - FW  
**Position:** 0310 (Trigger Segment)  
**Group:** Segment Group 8 (Name and Address) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a party's name and address relevant to the consignment. The function to be qualified: - Consignor - either Carrier's agent or Freight forwarder

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	<b>M an..3</b>	<b>M</b>	<b>an..2</b>
		<b>FW Freight forwarder</b>			
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C</b>	<b>O</b>	
	3039	<b>Party identification</b> Code identifying a party involved in a transaction.	<b>M an..35</b>	<b>M</b>	
	1131	<b>Code list qualifier</b> Identification of a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O</b>	<b>an..17</b>
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	<b>C an..3</b>	<b>O</b>	
C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	<b>C</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>M an..35</b>	<b>M</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
	3124	<b>Name and address line</b> Free form name and address description.	<b>C an..35</b>	<b>O</b>	
C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	<b>C</b>	<b>X</b>	
	3036	<b>Party name</b> Name of a party involved in a transaction.	<b>M an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3036	<b>Party name</b>	<b>C an..35</b>	<b>X</b>	
	3045	<b>Party name format, coded</b>	<b>C an..3</b>	<b>X</b>	
C059		<b>STREET</b>	<b>C</b>	<b>X</b>	

	Street address and/or PO Box number in a structured address: one to four lines.			
3042	Street and number/p.o. box	M	an..35	X
	Street and number in plain language, or Post Office Box No.			
3042	Street and number/p.o. box	C	an..35	X
3042	Street and number/p.o. box	C	an..35	X
3042	Street and number/p.o. box	C	an..35	X
3164	CITY NAME	C	an..35	X
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	X
3251	POSTCODE IDENTIFICATION	C	an..9	X
3207	COUNTRY, CODED	C	an..3	X



**Group:** **CTA** Segment Group 9: Contact Information  
**Position:** 0320  
**Group:** Segment Group 8 (Name and Address) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to identify a contact and its communications related to the party.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0330	CTA	Contact Information	M	1	
Used	0340	COM	Communication Contact - TE	C	1	
Used	0340	COM	Communication Contact - FX	C	1	

**Segment:** **CTA** **Contact Information**  
**Position:** 0330 (Trigger Segment)  
**Group:** Segment Group 9 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or a department within the party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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, CODED	C an..3	R
		Code specifying the function of a contact (e.g. department or person).		
		IC Information contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
		Code and/or name of a department or employee. Code preferred.		
	3413	Department or employee identification	C an..17	O
		Internal identification code.		
	3412	Department or employee	C an..35	O
		The department or person within an organizational entity.		

**Segment:** **COM** **Communication Contact - TE**  
**Position:** 0340  
**Group:** Segment Group 9 (Contact Information) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to identify a communication number of the contact to whom communication should be directed.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

#### 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	M
		Communication number of a department or employee in a specified channel.		
	3148	Communication number	M an..512	M
		The communication number.		
	3155	Communication channel qualifier	M an..3	M an..2
		Code identifying the type of communication channel being used.		
		TE Telephone		

**Segment:** **COM** **Communication Contact - FX**  
**Position:** 0340  
**Group:** Segment Group 9 (Contact Information) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to identify a communication number of the contact to whom communication should be directed.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C076</b>		<b>COMMUNICATION CONTACT</b> Communication number of a department or employee in a specified channel.	<b>M</b>	<b>M</b>
	<b>3148</b>	<b>Communication number</b> The communication number.	<b>M an..512</b>	<b>M</b>
	<b>3155</b>	<b>Communication channel qualifier</b> Code identifying the type of communication channel being used.	<b>M an..3</b>	<b>M an..2</b>
		<b>FX                      Telefax</b>		

**Segment:** **RFF** Reference - Freight forwarder's ref.nr. - FF  
**Position:** 0350  
**Group:** Segment Group 8 (Name and Address) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to express a reference for the consignment related to the party. The reference to be qualified: - Carrier's agent reference number - Freight forwarders reference number

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C506		REFERENCE	M	M	
		Identification of a reference.			
	1153	Reference qualifier	M an..3	M	an..2
		Code giving specific meaning to a reference segment or a reference number.			
		FF Freight forwarder's reference number			
	1154	Reference identifier	C an..35	O	
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.			
	1156	Line number	C an..6	O	
		Number of the line in the document/message referenced in 1154 Reference number.			
	4000	Reference version number	C an..35	O	
		To uniquely identify a reference by its version number.			
	1060	Revision number	C an..6	O	
		To specify a revision number.			

**Group:** **GID** Segment Group 10: Goods Item Details  
**Position:** 0360  
**Group:** Segment Group 6 (Consignment Information) Mandatory  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 999  
**Purpose:** A group of segments to specify a goods item within the consignment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0370	GID	Goods Item Details	M	1	
Used	0380	FTX	Free Text - Goods description - AAA	C	1	
Used	0380	FTX	Free Text - Additional information - ACB	C	1	
Used	0390	PCI	Package Identification - Marks and labels	C	1	
	0400		Segment Group 11: Split Goods Placement	C		99
	0430		Segment Group 12: Dangerous Goods	M		1

**Segment:** **GID** Goods Item Details  
**Position:** 0370 (Trigger Segment)  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a goods item within the consignment and to indicate the heading of a goods item with the number of packages.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1496		<b>GOODS ITEM NUMBER</b> Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.	C n..5	R
C213		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	O
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8	O
	7065	<b>Type of packages identification</b> Coded description of the form in which goods are presented.	C an..17	O
		Causes error 228 in APERAK when invalid PKG Code NB. No error when not indicated Un recoomendation no.21 / IMDG/IBC		
	1131	<b>Code list qualifier</b>	C an..3	X
	3055	<b>Code list responsible agency, coded</b>	C an..3	X
	7064	<b>Type of packages</b> Description of the form in which goods are presented.	C an..35	O
	7233	<b>Packaging related information, coded</b>	C an..3	X
		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	X
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8	X
C213	7065	<b>Type of packages identification</b> Coded description of the form in which goods are presented.	C an..17	X
	1131	<b>Code list qualifier</b> Identification of a code list.	C an..3	X
	3055	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3	X
	7064	<b>Type of packages</b> Description of the form in which goods are presented.	C an..35	X
	7233	<b>Packaging related information, coded</b> Code giving packaging, handling and marking related information.	C an..3	X
		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	O
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8	O
	7065	<b>Type of packages identification</b>	C an..17	O

Coded description of the form in which goods are presented.

Causes error 228 in APERAK when invalid PKG Code

NB. No error when not indicated

UN recommendation no.21 / IMDG/IBC

C213	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
	7064	Type of packages	C	an..35	O
	Description of the form in which goods are presented.				
	7233	Packaging related information, coded	C	an..3	X
C213	NUMBER AND TYPE OF PACKAGES		C		X
	Number and type of individual parts of a shipment.				
	7224	Number of packages	C	n..8	X
	7065	Type of packages identification	C	an..17	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
	7064	Type of packages	C	an..35	X
	7233	Packaging related information, coded	C	an..3	X
	NUMBER AND TYPE OF PACKAGES		C		X
	Number and type of individual parts of a shipment.				
C213	7224	Number of packages	C	n..8	X
	7065	Type of packages identification	C	an..17	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
	7064	Type of packages	C	an..35	X
	7233	Packaging related information, coded	C	an..3	X



**Segment:** **FTX** Free Text - Goods description - AAA  
**Position:** 0380  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the goods item.  
 The text subject to be qualified:     - Description of goods     - Remarks

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAA Goods description	M an..3	M
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	O
	4441	Free text identification Free text in coded form.	M an..17	M an1
		0 No cargo unit (liquid bulk goods)		
		1 No cargo unit (solid bulk goods)		
		2 Large freight containers		
		3 Other freight containers		
		4 Palletized		
		5 Pre-slung		
		6 Mobile self-propelled units		
		7 Other mobile units		
		9 Other cargo types		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	O
	4440	Free text Free text field available to the message sender for information.	M an..70	M
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X

**Segment:** **FTX** Free Text - Additional information - ACB  
**Position:** 0380  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To provide free form or coded text information.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text.	M an..3	M
		ACB Additional information		
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	X
	4441	Free text identification Free text in coded form.	M an..17	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	O
	4440	Free text Free text field available to the message sender for information.	M an..70	M
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X

**Segment:** **PCI** Package Identification - Marks and labels  
**Position:** 0390  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify marks and numbers of the goods item.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4233		MARKING INSTRUCTIONS, CODED	C an..3	X
C210		MARKS & LABELS	C	O
		Shipping marks on packages in free text; one to ten lines.		
	7102	Shipping marks	M an..35	M
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
8275		CONTAINER OR PACKAGE STATE, CODED	C an..3	X
C827		TYPE OF MARKING	C	X
		Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).		
	7511	Type of marking, coded	M an..3	X
		To specify the type of marking that reflects the method and the conventions adhered to for marking.		
	1131	Code list qualifier	C an..3	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.		

**Group:** **SGP** Segment Group 11: Split Goods Placement  
**Position:** 0400  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify the distribution of a goods item among the transport equipment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0410	SGP	Split Goods Placement	M	1	
Used	0420	MEA	Measurements - Gross weight - G	C	1	

**Segment:** **SGP** Split Goods Placement  
**Position:** 0410 (Trigger Segment)  
**Group:** Segment Group 11 (Split Goods Placement) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the equipment (such as barge identification) in which the goods are transported.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
<b>C237</b>		<b>EQUIPMENT IDENTIFICATION</b>	<b>M</b>	<b>M</b>
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	<b>8260</b>	<b>Equipment identification number</b>	<b>C an..17</b>	<b>R</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	<b>3207</b>	<b>Country, coded</b>	<b>C an..3</b>	<b>X</b>
<b>7224</b>		<b>NUMBER OF PACKAGES</b>	<b>C n..8</b>	<b>X</b>

**Segment:** **MEA** Measurements - Gross weight - G  
**Position:** 0420  
**Group:** Segment Group 11 (Split Goods Placement) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify measurements of that portion of the goods item in the equipment.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. AAE Measurement	M an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured. G Gross weight	C an..3	O an1
	6321	Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.98B Data Element Dictionary for acceptable code values.	C an..3	O
	6155	Measurement attribute identification Code used to specify non-discrete measurement values. Refer to D.98B Data Element Dictionary for acceptable code values.	C an..17	O
	6154	Measurement attribute To specify non-discrete measurement values.	C an..70	O
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. KGM Kilogram TNE (Metric) Tonne	M an..3	M
	6314	Measurement value Value of the measured unit.	C an..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

**Group:** **DGS** Segment Group 12: Dangerous Goods  
**Position:** 0430  
**Group:** Segment Group 10 (Goods Item Details) Mandatory  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A group of segments to specify the dangerous goods details of the goods item. A goods item can be classified by only one dangerous goods class.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0440	DGS	Dangerous Goods	M	1	
M	0450	FTX	Free Text - Technical name - AAD	M	1	
Used	0450	FTX	Free Text - Additional information - AAC - A	O	1	
Used	0450	FTX	Free Text - Fumigation information - AAC - F	O	1	
Used	0451	FTX	Free Text - Radioactive information - AAC - R	O	1	
Used	0452	FTX	Free Text - Marine Pollutant information - AAC - P / PP	O	1	
Used	0453	FTX	Free Text - Segregation information - AAC - SEG	O	1	
Used	0453	MEA	Measurements - Net weight - AAL	O	1	
Used	0454	MEA	Measurements - Radioactive index of transport - AEN	C	1	
Used	0455	MEA	Measurements - Radioactivity - AEO	C	1	
M	0456	MEA	Measurements - Gross weight - G	M	1	
Used	0457	MEA	Measurements - Net explosive weight - T19	O	1	
Used	0458	MEA	Measurements - Radioactive criticality safety index - T20	C	1	
Used	0459	LOC	Location Identification - Stowage cell - 147	C	99	
Used	0460	RFF	Reference - Authorization number - ALF	C	9	
	0461		Segment Group 13: Split Goods Placement	C		99

**Segment:** **DGS** Dangerous Goods  
**Position:** 0440 (Trigger Segment)  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the dangerous goods regulation information, e.g. IMO code, UNDG number, dangerous goods class, packing group.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8273		<b>DANGEROUS GOODS REGULATIONS, CODED</b> Code indicating the regulation, international or national, applicable for a means of transport.	<b>C an..3</b>	<b>O</b>
		<b>IMD IMO IMDG code</b>		
C205		<b>HAZARD CODE</b> The identification of the dangerous goods in code.	<b>C</b>	<b>R</b>
	8351	<b>Hazard code identification</b> Dangerous goods code. <b>Business Rules:</b> Variable Name:ClassOrDivision Causes error C97 in APERAK when invalid combination of Hazard code identification, UN Code and Packing group. Causes error C69 in APERAK when invalid Hazard code identification for Radioactive Material.	<b>M an..7</b>	<b>M</b>
	8078	<b>Hazard substance/item/page number</b> Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.	<b>C an..7</b>	<b>O</b>
	8092	<b>Hazard code version number</b>	<b>C an..10</b>	<b>X</b>
C234		<b>UNDG INFORMATION</b> Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	<b>C</b>	<b>R</b>
	7124	<b>UNDG number</b> Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried. <b>Business Rules:</b> Variable Name:UNDGnumber Causes error C97 in APERAK when invalid combination of Hazard code identification, UN Code and Packing group Causes error C72 in APERAK when no Fumigation information indicated for Fumigated Unit.	<b>C n4</b>	<b>R</b>
	7088	<b>Dangerous goods flashpoint</b>	<b>C an..8</b>	<b>X</b>
C223		<b>DANGEROUS GOODS SHIPMENT FLASHPOINT</b> Temperature at which a vapor can be ignited as per ISO 1523/73.	<b>C</b>	<b>O</b>
	7106	<b>Shipment flashpoint</b> Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.	<b>C n3</b>	<b>R</b>
	6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	<b>C an..3</b>	<b>R</b>



	CEL FAH	Degree Celsius Degree Fahrenheit			
8339	<b>PACKING GROUP, CODED</b>		C	an..3	O an1
	Identification of a packing group by code.				
	Causes error C97 in APERAK when invalid combination of Hazard code identification, UN Code and Packing group				
	1	Great danger (I)			
	2	Medium danger (II)			
	3	Minor danger (III)			
8364	<b>EMS NUMBER</b>		C	an..6	O
	Emergency procedures for ships carrying dangerous goods.				
8410	<b>MFAG</b>		C	an..4	O
	Medical first aid guide.				
8126	<b>TREM CARD NUMBER</b>		C	an..10	X
C235	<b>HAZARD IDENTIFICATION PLACARD DETAILS</b>		C		X
	These numbers appear on the hazard identification placard required on the means of transport.				
8158	<b>Hazard identification number, upper part</b>		C	an..4	X
	The id. number for the Orange Placard (upper part) required on the means of transport.				
8186	<b>Substance identification number, lower part</b>		C	an4	X
	The number for the Orange Placard (lower part) required on the means of transport.				
C236	<b>DANGEROUS GOODS LABEL</b>		C		O
	Markings identifying the type of hazardous goods and similar information.				
8246	<b>Dangerous goods label marking</b>		C	an..4	O
	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
8246	<b>Dangerous goods label marking</b>		C	an..4	O
	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
8246	<b>Dangerous goods label marking</b>		C	an..4	O
	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
8255	<b>PACKING INSTRUCTION, CODED</b>		C	an..3	X
8325	<b>CATEGORY OF MEANS OF TRANSPORT, CODED</b>		C	an..3	X
8211	<b>PERMISSION FOR TRANSPORT, CODED</b>		C	an..3	X

**Segment:** **FTX** Free Text - Technical name - AAD  
**Position:** 0450  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): - Dangerous goods technical name - Dangerous goods additional information

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAD Dangerous goods, technical name	M an..3	M	
4453		TEXT FUNCTION, CODED	C an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	O	
	4441	Free text identification Free text in coded form. TEQ Transport of dangerous goods in excepted quantities TLQ Transport of dangerous goods in limited quantities	M an..17	M	an..3
	1131	Code list qualifier Identification of a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	C an..3	O	
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Refer to D.98B Data Element Dictionary for acceptable code values.	C an..3	O	
C108		TEXT LITERAL Free text; one to five lines.	C	R	
	4440	Free text Free text field available to the message sender for information.	M an..70	M	
	4440	Free text Free text field available to the message sender for information.	C an..70	O	
	4440	Free text Free text field available to the message sender for information.	C an..70	O	
	4440	Free text Free text field available to the message sender for information.	C an..70	O	
	4440	Free text Free text field available to the message sender for information.	C an..70	O	
3453		LANGUAGE, CODED	C an..3	X	
4447		TEXT FORMATTING, CODED	C an..3	X	

**Segment:** **FTX** Free Text - Additional information - AAC - A  
**Position:** 0450  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): - Dangerous goods technical name - Dangerous goods additional information

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAC Dangerous goods additional information	M an..3	M
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	M	M
	4441	Free text identification Free text in coded form. A Additional information	M an..17	M an1
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	O
	4440	Free text Free text field available to the message sender for information.	M an..70	M
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X

**Segment:** **FTX** Free Text - Fumigation information - AAC - F  
**Position:** 0450  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): -  
 Dangerous goods technical name - Dangerous goods additional information

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>		<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER	M	an..3	M
		Code specifying subject of a free text.			
		AAC	Dangerous goods additional information		
4453		TEXT FUNCTION, CODED	C	an..3	X
C107		TEXT REFERENCE	M		M
		Coded reference to a standard text and its source.			
	4441	Free text identification	M	an..17	M
		Free text in coded form.			
		Causes error C71 in APERAK when invalid UNDG number for Fumigation.			
		F	Fumigation information		
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C108		TEXT LITERAL	C		O
		Free text; one to five lines.			
	4440	Free text	M	an..70	M
		Free text field available to the message sender for information.			
		Fumigation date "/" Fumigation location			
		Fumigation date format 203 CCYYMMDDHHMM			
		Fumigation location max 35 char.			
		Causes error C58 in APERAK when Fumigation date not indicated or invalid			
	4440	Free text	C	an..70	O
		Free text field available to the message sender for information.			
		Fumigant code			
		Causes error C59 in APERAK when not valid			
		AMM	Ammonia		
		CHL	Chloropicrin		
		FOR	Formaldehyde		
		FOS	Phosphine		
		MET	Methylbromide		
		SUL	Sulfuryl Fluoride		
	4440	Free text	C	an..70	O
		Free text field available to the message sender for information.			

	<p>For Container: Amount of fumigant "/" Fumigant UOM</p> <p>Amount of Fumigant max 5 chars including 2 decimals (00000 - 99999) No decimal point</p> <p>Example:s 10000/VOL = 100.00 % 05000/KGM = 50.00 kgm</p> <p>Fumigant UOM,allowed values are :</p> <ul style="list-style-type: none"> <li>- KGM (= Kilograms)</li> <li>- VOL (= Volume %)</li> <li>- PPM (= Parts Per Million)</li> <li>- GPM (=Gram Per cubic Metre (M3))</li> </ul> <p>Causes error C60 in APERAK when amount of fumigant not valid Causes error C61 in APERAk when unit of measurement not valid</p>		
4440	Free text	C an..70	O
	Free text field available to the message sender for information.		
4440	Free text	C an..70	O
	Free text field available to the message sender for information.		
	Gas measuring equipment Yes/No		
	Gas Measuring EquipmentFumigation Ventilation max 3 chars ("YES" / "NO")		
	Causes error C62 in APERAK when not indicated or invalid		
3453	LANGUAGE, CODED	C an..3	X
4447	TEXT FORMATTING, CODED	C an..3	X

**Segment:** **FTX** Free Text - Radioactive information - AAC - R  
**Position:** 0451  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): - Dangerous goods technical name - Dangerous goods additional information

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAC Dangerous goods additional information	M an..3	M	
4453		TEXT FUNCTION, CODED	C an..3	X	
C107		TEXT REFERENCE Coded reference to a standard text and its source.	M	M	
	4441	Free text identification Free text in coded form. Causes error C70 in APERAK when no Radioactive information indicated for Radioactive Hazard code Identification	M an..17	M	an1
		R Radioactive information			
	1131	Code list qualifier	C an..3	X	
	3055	Code list responsible agency, coded	C an..3	X	
C108		TEXT LITERAL Free text; one to five lines.	C	O	
	4440	Free text Free text field available to the message sender for information. Radionuclide name	M an..70	M	
	4440	Free text Free text field available to the message sender for information. Radioactive package category allowed values are : "I", "II" or "III" Causes error C63 in APERAK when notvalid	C an..70	O	
	4440	Free text Free text field available to the message sender for information. Radioactive identification	C an..70	O	
	4440	Free text Free text field available to the message sender for information. Radioactive state of aggregation allowed values are : - Solid - Liquid - Gas	C an..70	O	

4440	Causes error C64 in APERAK when notvalid		
	<b>Free text</b>	<b>C</b>	<b>an..70</b>
	Free text field available to the message sender for information.		<b>O</b>
Radioactive additional info			
3453	<b>LANGUAGE, CODED</b>	<b>C</b>	<b>an..3</b>
4447	<b>TEXT FORMATTING, CODED</b>	<b>C</b>	<b>an..3</b>

**Segment:** **FTX** Free Text - Marine Pollutant information - AAC - P / PP  
**Position:** 0452  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify processable supplementary information relating to the dangerous goods. The text subject to be qualified (each qualifier may occur only once): - Dangerous goods technical name - Dangerous goods additional information

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text. AAC Dangerous goods additional information	M an..3	M
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	M	M
	4441	Free text identification Free text in coded form. P Marine pollutant PP Severe marine pollutant	M an..17	M an..3
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	O
	4440	Free text Free text field available to the message sender for information.	M an..70	M
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X



**Segment:** **FTX** Free Text - Segregation information - AAC - SEG  
**Position:** 0453  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** To provide free form or coded text information.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER Code specifying subject of a free text.	M an..3	M
		AAC Dangerous goods additional information		
4453		TEXT FUNCTION, CODED	C an..3	X
C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	O
	4441	Free text identification Free text in coded form.	M an..17	M
		PP Severe marine pollutant		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C108		TEXT LITERAL Free text; one to five lines.	C	O
	4440	Free text Free text field available to the message sender for information.	M an..70	M
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
	4440	Free text Free text field available to the message sender for information.	C an..70	O
3453		LANGUAGE, CODED	C an..3	X
4447		TEXT FORMATTING, CODED	C an..3	X

**Segment:** **MEA** Measurements - Net weight - AAL  
**Position:** 0453  
**Group:** Segment Group 12 (Dangerous Goods)      Mandatory  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement. AAE      Measurement	M    an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured. AAL      Net weight	C    an..3	R
	6321	Measurement significance, coded	C    an..3	X
	6155	Measurement attribute identification	C    an..17	X
	6154	Measurement attribute	C    an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Causes error 261 in APERAK when not KGM or TNE or not the same as Gross Weight	M    an..3	M
		KGM      Kilogram		
		TNE      (Metric) Tonne		
	6314	Measurement value Value of the measured unit. Causes error 261 in APERAK when not positive number, or number of digits (without leading zeros, decimal point and negative sign) exceeds maximum allowed value (10,3)	C    an..18	R
	6162	Range minimum	C    n..18	X
	6152	Range maximum	C    n..18	X
	6432	Significant digits	C    n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C    an..3	X

**Segment:** **MEA** Measurements - Radioactive index of transport - AEN  
**Position:** 0454  
**Group:** Segment Group 12 (Dangerous Goods)      Mandatory  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement.	M an..3	M
		AAE Measurement		
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured.	C an..3	R
		AEN Radioactive index of transport		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute identification	C an..17	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Causes error C66 in APERAK when not NMB	M an..3	M
		NMB Number		
	6314	Measurement value Value of the measured unit. Radioactive index of transport value Causes error C66 in APERAK when not positive number, or number of digits (without leading zeros, decimal point and negative sign) exceeds maximum allowed value (3,0)	C an..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

**Segment:** **MEA** Measurements - Radioactivity - AEO  
**Position:** 0455  
**Group:** Segment Group 12 (Dangerous Goods)      Mandatory  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement.	M an..3	M
		AAE Measurement		
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured.	C an..3	R
		AEO Radioactivity		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute identification	C an..17	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Causes error C67 in APERAK when not NMB	M an..3	M
		NMB Number		
	6314	Measurement value Value of the measured unit. Causes error C67 in APERAK when not positive number, or number of digits (without leading zeros, decimal point and negative sign) exceeds maximum allowed value (3,3)	C an..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

**Segment:** MEA Measurements - Gross weight - G  
**Position:** 0456  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary					
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement.	M an..3	M	
		AAE Measurement			
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R	
	6313	Property measured, coded Specification of the property measured.	C an..3	O	an1
		G Gross weight			
	6321	Measurement significance, coded Code specifying the significance of a measurement value. Refer to D.98B Data Element Dictionary for acceptable code values.	C an..3	O	
	6155	Measurement attribute identification Code used to specify non-discrete measurement values. Refer to D.98B Data Element Dictionary for acceptable code values.	C an..17	O	
	6154	Measurement attribute To specify non-discrete measurement values.	C an..70	O	
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R	
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Causes error 253 in APERAK when not KGM or TNE	M an..3	M	
		KGM Kilogram			
		TNE (Metric) Tonne			
	6314	Measurement value Value of the measured unit. Causes error 253 in APERAK when not positive number, or number of digits (without leading zeros, decimal point and negative sign) exceeds maximum allowed value (10,3)	C an..18	R	
	6162	Range minimum	C n..18	X	
	6152	Range maximum	C n..18	X	
	6432	Significant digits	C n..2	X	
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X	

**Segment:** **MEA** Measurements - Net explosive weight - T19  
**Position:** 0457  
**Group:** Segment Group 12 (Dangerous Goods)      Mandatory  
**Level:** 4  
**Usage:** Optional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement.	M an..3	M
		AAE Measurement		
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured.	C an..3	R
		T19 Net explosive weight		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute identification	C an..17	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Causes error 265 in APERAK when not KGM or TNE	M an..3	M
		KGM Kilogram		
		TNE (Metric) Tonne		
	6314	Measurement value Value of the measured unit. Causes error 265 in APERAK when not positive number, or number of digits (without leading zeros, decimal point and negative sign) exceeds maximum allowed value (10 for KGM and 7 for TNE)	C an..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

**Segment:** **MEA** Measurements - Radioactive criticality safety index - T20  
**Position:** 0458  
**Group:** Segment Group 12 (Dangerous Goods)      Mandatory  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify a measurement of the dangerous part of the goods item. The measurement to be qualified: - Net weight - Gross weight

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement.	M an..3	M
		AAE Measurement		
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured.	C an..3	R
		T20 Radioactive criticality safety index		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute identification	C an..17	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Causes error C68 in APERAK when not NMB	M an..3	M
		NMB Number		
	6314	Measurement value Value of the measured unit. Causes error C68 in APERAK when not positive number, or number of digits (without leading zeros, decimal point and negative sign) exceeds maximum allowed value (3,0)	C an..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

**Segment:** **LOC** Location Identification - Stowage cell - 147  
**Position:** 0459  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A segment to indicate the cell location on board of the means of transport.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 147 Stowage cell	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name.	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	O
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	O
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X



**Segment:** **RFF** Reference - Authorization number - ALF  
**Position:** 0460  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment by which the declaring party can refer to (a) number(s) of approval concerning exceptions on the existing hazardous goods regulation, obtained from the responsible authority.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference qualifier	M an..3	M
		Code giving specific meaning to a reference segment or a reference number.		
		ALF Authorization number for exception to dangerous goods regulations		
	1154	Reference identifier	C an..35	R
		Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.		
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X
	1060	Revision number	C an..6	X

**Group:** **SGP** Segment Group 13: Split Goods Placement  
**Position:** 0461  
**Group:** Segment Group 12 (Dangerous Goods) Mandatory  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify the distribution of the dangerous goods among transport equipment.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0500	SGP	Split Goods Placement	M	1	
Used	0510	LOC	Location Identification - Stowage cell - 147	C	1	
Used	0520	MEA	Measurements - AAL/AEN/AEO/G/T19/T20	C	5	

**Segment:** **SGP** Split Goods Placement  
**Position:** 0500 (Trigger Segment)  
**Group:** Segment Group 13 (Split Goods Placement) Conditional (Optional)  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the equipment (such as container number, barge identification, trailer identification) in which the dangerous goods is placed and the number of packages in that equipment.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C237		<b>EQUIPMENT IDENTIFICATION</b>	<b>M</b>	<b>M</b>
		Marks (letters and/or numbers) identifying equipment used for transport such as a container.		
	<b>8260</b>	<b>Equipment identification number</b>	<b>C an..17</b>	<b>R</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
	<b>1131</b>	<b>Code list qualifier</b>	<b>C an..3</b>	<b>X</b>
7224	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>	<b>X</b>
	<b>3207</b>	<b>Country, coded</b>	<b>C an..3</b>	<b>X</b>
		<b>NUMBER OF PACKAGES</b>	<b>C n..8</b>	<b>O</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.		
		Causes error 426 in APERAK when multiple SGP segments present without a number of packages		

**Segment:** **LOC** Location Identification - Stowage cell - 147  
**Position:** 0510  
**Group:** Segment Group 13 (Split Goods Placement) Conditional (Optional)  
**Level:** 5  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate the cell location on board of the means of transport, for each equipment in which dangerous cargo is stored.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER Code identifying the function of a location. 147 Stowage cell	M an..3	M
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	R
	3225	Place/location identification Identification of the name of place/location, other than 3164 City name.	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	O
	3223	Related place/location one identification Specification of the first related place/location by code.	C an..25	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3222	Related place/location one Specification of the first related place/location by name.	C an..70	O
C553		RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	X
	3233	Related place/location two identification Specification of a second related place/location by code.	C an..25	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

**Segment:** MEA Measurements - AAL/AEN/AEO/G/T19/T20  
**Position:** 0520  
**Group:** Segment Group 13 (Split Goods Placement) Conditional (Optional)  
**Level:** 5  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment to specify a measurement of that placement in the equipment. The transport measurements to be qualified: - Net weight - Gross weight

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE QUALIFIER Specification of the purpose of the measurement.	M an..3	M
		AAE Measurement		
C502		MEASUREMENT DETAILS Identification of measurement type.	C	R
	6313	Property measured, coded Specification of the property measured.	C an..3	R
		AAL Net weight		
		AEN Radioactive index of transport		
		AEO Radioactivity		
		G Gross weight		
		T19 Net explosive weight		
		T20 Radioactive criticality safety index		
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute identification	C an..17	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	R
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Causes error 253 in APERAK when not KGM or TNE for property measure coded G	M an..3	M
		4N Mega Becquerel		
		BQL Becquerel		
		CUR Curie		
		GBQ Giga Becquerel		
		KGM Kilogram		
		NMB Number		
		TBQ Terra Becquerel		
		TNE (Metric) Tonne		
	6314	Measurement value Value of the measured unit. Causes error 253 in APERAK when more than one SGP present for which no gross weight MEA[G] is given Causes error 253 in APERAK when MEA[G] not positive number, or number of digits (without leading zeros, decimal point and negative sign) exceeds maximum allowed	C an..18	R

		value (10,3)		
7383	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
		SURFACE/LAYER INDICATOR, CODED	C an..3	X

**Segment:** **UNT** Message Trailer  
**Position:** 0530  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

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 n..6	M
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14	M