User Manual

(Implementation Guide)

UN/EDIFACT MESSAGE

COPARN

(Container Announcement)

Version 2.1 - 3

D.00B

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Revision History

Version	Date	Author(s)	Revision Notes
2.0	March 2003	Karl Zlotkowski	Created version
2.1	August 2015	Paul Wauters	Extended for Gross Weight Verification
2.1-1	October 2015	Paul Wauters	Naming
2.1-2	January 2016	Paul Wauters	Updated UNECE official codes/qualifiers
2.1-3	May 2016	Paul Wauters	Streamlined additions with existing info

CONTENTS

0. Introduction 4

1. General 4

2. Status Indicators and Usage Indicators.... 5

3. Document Maintenance..... 6

4. Versions 7

5. Segment Table 8

6. Message Structure Diagram 10

7. Message Description 13

8. Sample Message 65

0. INTRODUCTION

This User Manual has been developed by the SMDG User Group for Shipping Lines and Container Terminals, a "Global User Group" under the auspices of UN/CEFACT.

This User Manual is based upon the UN/EDIFACT D.00B directory and the ITIGG documents "International Reference Guideline for the implementation of transport EDI messages – COPARN Container Announcement message", version 1.4, dated March 1998 and "Principles and Rules for the implementation of transport EDI messages – Transport Equipment Movements – Maritime-related container messages", version 1.3.1, dated September 1996.

This User Manual provides guidance as to the recommended usage of codes, qualifiers, data elements, composites, segments and groups of segments in the D.00B COPARN message. The intention is to assist developers to ensure consistent use of the COPARN message throughout the worldwide trade and transport community.

1. GENERAL

Formal Definition

"The message contains an order to release, to make available, to accept or to call down containers or to announce the impending arrival of containers. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange The business scenario for the container messages is clarified in a separate document, called "Guide to the scenario of EDIFACT container messages".

The COPARN message is intended to perform a variety of instruction or request functions associated with equipment movements which are to occur at a future time, such as authorising release of an empty container for packing, or authorising acceptance of a container by a facility. Examples include:

requesting or authorising acceptance of an empty return
requesting or authorising acceptance of a full container
releasing an empty container for packing
requesting and authorising an on/off hire transaction

2. STATUS INDICATORS AND USAGE INDICATORS

Status Indicators

Status Indicators ("M" and "C") form part of the UN/EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure. They are not adequate for implementation purposes. The Status Indicators are :

Value	*Description*
M	Mandatory The entity marked as such must appear in all messages, and apply to these messages as well as to any associated implementation guidelines (and consequently is also a Usage Indicator).
C	Conditional The entity is used by agreement between trading partners.

Usage Indicators

Usage Indicators are implementation–related indicators that further detail the use of "Conditional" Status Indicators. Usage Indicators are applied at all levels of the guidelines and shown adjacent to data items such as segment groups, segments, composite data elements and simple data elements. They dictate the agreed usage of the data items or entities. The Usage Indicators are :

Value	*Description*
M	Mandatory Indicates the item is mandatory in the UN/EDIFACT message.
R	Required Indicates the item must be transmitted in this implementation.
D	Dependent Indicates that the use of the item is depending on a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
O	Optional Indicates that this item is at the need or discretion of both trading partners.
X	Not Used Indicates that this item is not to be used in this implementation.

Where an item within a segment group, segment or composite data element is marked with Usage Indicators "M" or "R", but the segment group, segment or composite data element has been marked "O" or "D" (or for that matter "X"), the item is only to be transmitted when the segment group, segment or composite of which it is a part, is used.

3. DOCUMENT MAINTENANCE

The data content of this document has been prepared and approved by SMDG and no alteration may be made to the content of this document without reference to and approval of SMDG.

Any remarks, questions, amendments or requested alterations to this document are to be addressed to :

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4. VERSIONS

SMDG21.

Version 2.1, released October 2015, includes amendments for transmission of data specifying a container's verified gross mass (VGM) according to SOLAS regulation 2, chapter VI, paragraphs 4 to 6.

With a short deadline (July 2016) it was decided to do minimum changes - what was considered as an absolute (legal) minimum - to limit the impact on EDI and backend systems of different organizations. It was decided to make additions in the current version without structure changes via existing segments and data elements. Only necessary new qualifier and codes will be requested via DMR.

To handle the new SOLAS requirements on Gross Mass Verification, DMR (Data Maintenance Request) for new codes, to handle the new entities, will be submitted to UN/CEFACT.
The acceptance of these DMR's are available as from version D.15B The Message Implementation Guides can use 'Temporary' codes indicated between square brackets [**xxx**] and codes only available in a later version.
Changes for SOLAS in this manual: (codes used as available from UN/EDIFACT version D.15B or current directory.)

EQD group segments additions:

MEA – Measurements
VGM – Verified Gross Mass (weight)

NAD – Name and Address
AM – Authorized official – person signing for Verified Gross Mass
SPC – SOLAS Packed Container Verified Gross Mass Responsible party

DTM – Date/Time
798 - Verified gross mass determination date/time - Date/Time when a gross mass (weight) of a packed container was obtained according to SOLAS chapter VI, regulation 2, paragraphs 4-6

FTX – Free text (ABS) container condition – SMDG maintained codes
SM1 – Solas Method 1 – Verified Gross Mass obtained by weighing
SM2 – Solas Method 2 – Verified Gross Mass obtained by calculation

RFF – References
VGR – Verified Gross Mass Reference – link to VGM information
VOR – Verified Gross Mass Order Reference – embedded instruction to obtain VGM

COPARN - Container Announcement Message

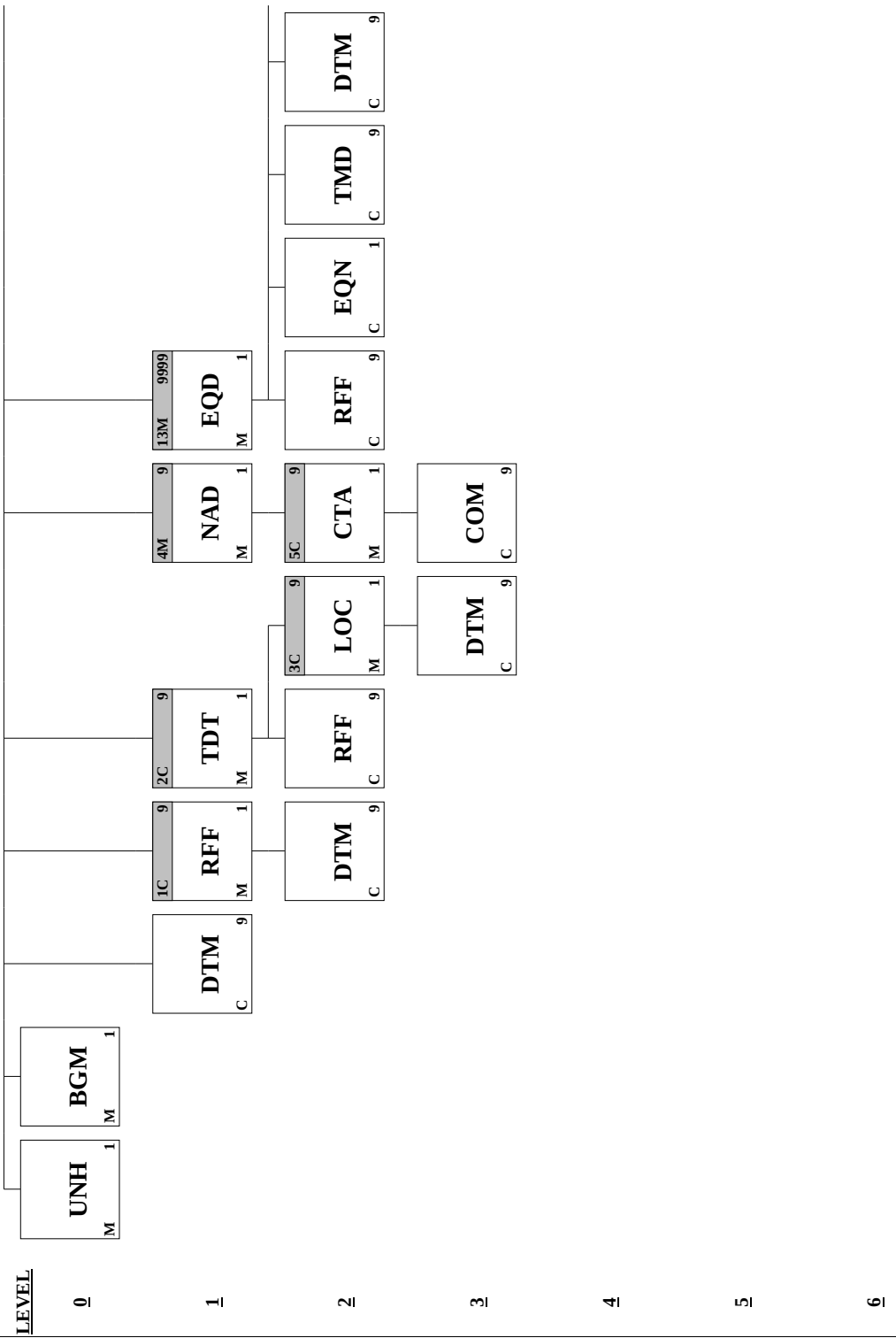
Introduction:

The message contains an order to release, to make available, to accept or to call down containers or to announce the impending arrival of containers.
This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.
The order may pertain to cargo related containers (full container load and less than container load), the arrangement of empty containers prior to loading and after stripping, as well as the arrangements for leasing the empty containers (on- hire and off-hire of containers).

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
R	0040	DTM	Date/Time/Period	C	9		
O	0080		Segment Group 1: RFF-DTM	C		9	
M	0090	RFF	Reference	M	1		
O	0100	DTM	Date/Time/Period	C	9		
O	0110		Segment Group 2: TDT-RFF-SG3	C		9	
M	0120	TDT	Details of Transport	M	1		
O	0140	RFF	Reference	C	9		
O	0150		Segment Group 3: LOC-DTM	C		9	
M	0160	LOC	Place/Location Identification	M	1		
O	0170	DTM	Date/Time/Period	C	9		
M	0180		Segment Group 4: NAD-SG5	M		9	
M	0190	NAD	Name and Address	M	1		
O	0200		Segment Group 5: CTA-COM	C		9	
M	0210	CTA	Contact Information	M	1		
O	0220	COM	Communication Contact	C	9		
M	0540		Segment Group 13: EQD-RFF-EQN-TMD-DTM-LOC-MEA-DIM-SG14-SEL-FTX-SG15-EQA-HAN-SG18-SG20	M		9999	
M	0550	EQD	Equipment Details	M	1		
R	0560	RFF	Reference	C	9		
O	0570	EQN	Number of Units	C	1		
O	0580	TMD	Transport Movement Details	C	9		
O	0590	DTM	Date/Time/Period	C	9		
R	0610	LOC	Place/Location Identification	C	9		
O	0620	MEA	Measurements	C	9		
O	0630	DIM	Dimensions	C	9		

O	0640		Segment Group 14: TMP-RNG	C		9
M	0650	TMP	Temperature	M	1	
O	0660	RNG	Range Details	C	1	
O	0670	SEL	Seal Number	C	9	
O	0680	FTX	Free Text	C	9	
O	0700		Segment Group 15: DGS-FTX-SG16	C		99
M	0710	DGS	Dangerous Goods	M	1	
O	0720	FTX	Free Text	C	9	
O	0740		Segment Group 16: CTA-COM	C		9
M	0750	CTA	Contact Information	M	1	
O	0760	COM	Communication Contact	C	9	
O	0790	EQA	Attached Equipment	C	1	
O	0810	HAN	Handling Instructions	C	9	
O	0850		Segment Group 18: TDT-DTM-SG19	C		9
M	0860	TDT	Details of Transport	M	1	
O	0870	DTM	Date/Time/Period	C	9	
R	0880		Segment Group 19: LOC	C		9
M	0890	LOC	Place/Location Identification	M	1	
O	0910		Segment Group 20: NAD	C		9
M	0920	NAD	Name and Address	M	1	
R	0970	CNT	Control Total	C	1	
M	0980	UNT	Message Trailer	M	1	

Segments not used are not present in this list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BGM M 1
DTM C 9
RFF M 1 1C 9
DTM C 9
TDT M 1 2C 9
RFF C 9
LOC M 1 3C 9
DTM C 9
NAD M 1 4M 9
CTA M 1 5C 9
COM C 9
EQD M 1 13M 9999
RFF C 9
EQN C 1
TMD C 9
DTM C 9
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2
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4
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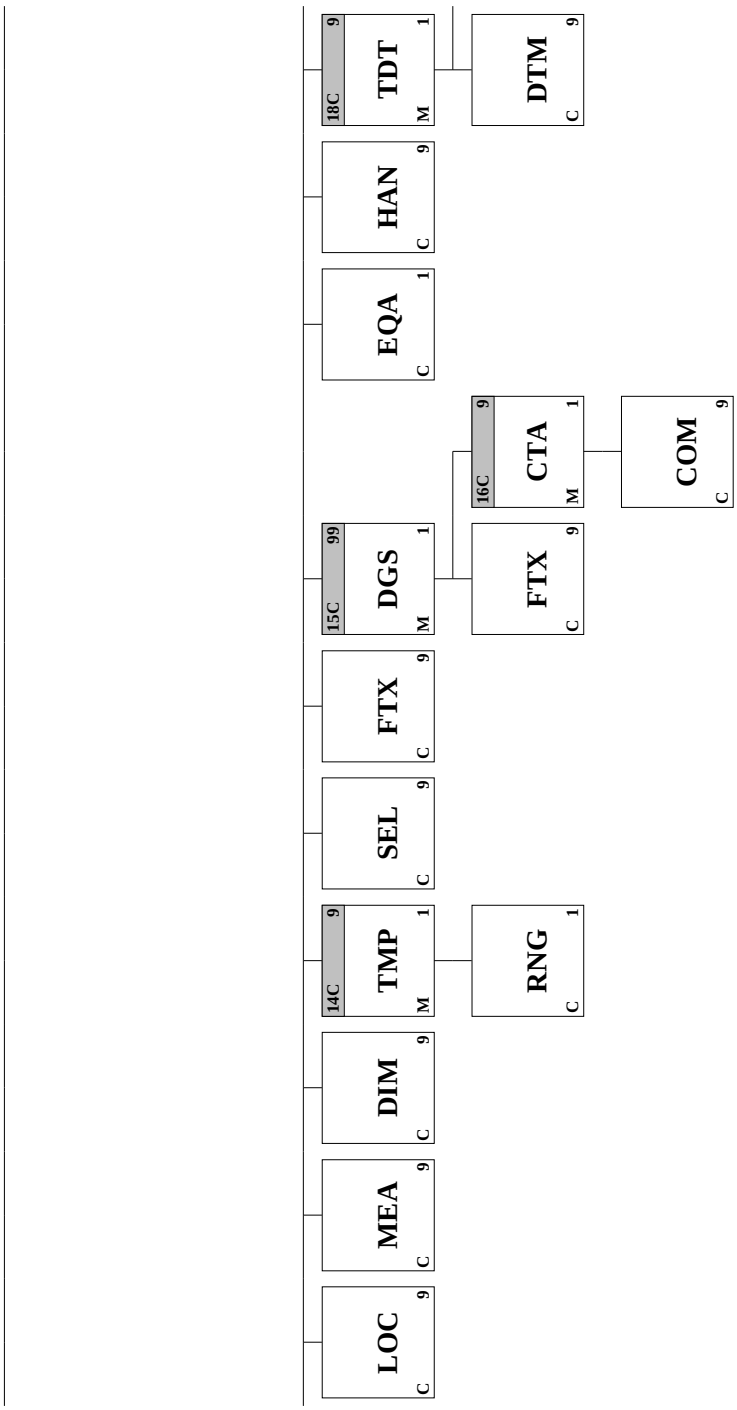
6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MEA
C
9
DIM
C
9
TMP
M
1
14C
9
RNG
C
9
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SEL
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9
FTX
C
9
DGS
M
1
15C
99
FTX
C
9
CTA
M
1
16C
9
COM
C
9
EQA
C
1
HAN
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TDT
M
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18C
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DTM
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LEVEL
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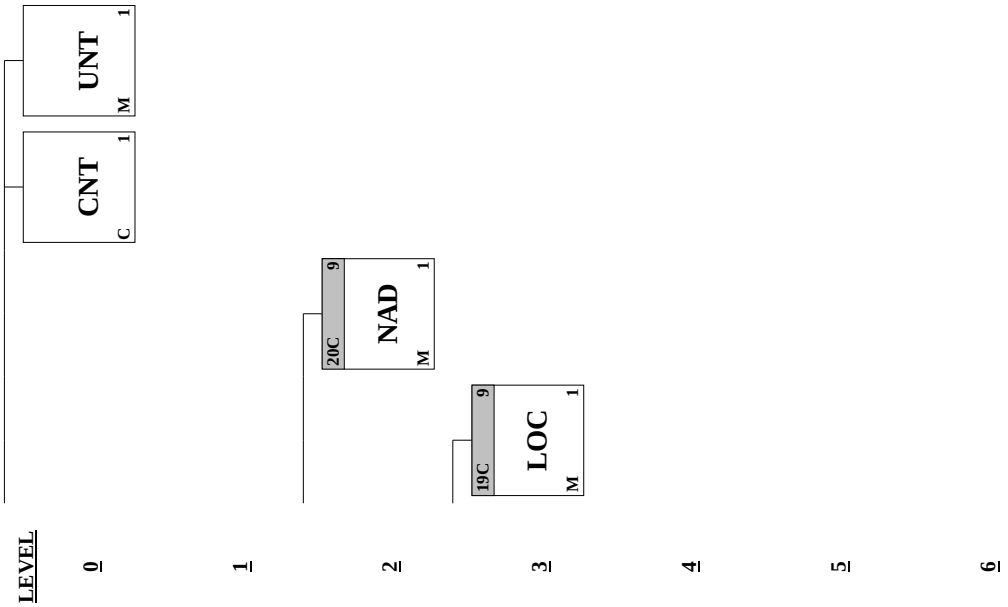
UNT
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M
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C
NAD
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20C
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9
1
19C
M
LEVEL
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1
2
3
4
5
6

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 Container announcement message is COPARN.
Note: Container announcement messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element 0065 COPARN 0052 D 0054 00B 0051 UN
Comments:
Notes: ***Sample segment :***
UNH+00000000006944+COPARN:D:00B:UN:SMDG21'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**0062**		**MESSAGE REFERENCE NUMBER**		**M**	**1**	**an..14**
			Unique message reference assigned by the sender. This reference must also be transmitted in the UNT segment.				
M	**S009**		**MESSAGE IDENTIFIER**		**M**	**1**	
M		**0065**	**Message type identifier**		**M**		**an..6**
			COPARN	*Container announcement message*			
M		**0052**	**Message type version number**		**M**		**an..3**
			D	*Draft version/UN/EDIFACT Directory*			
M		**0054**	**Message type release number**		**M**		**an..3**
			00B	*Release 2000 - B*			
M		**0051**	**Controlling agency**		**M**		**an..2**
			UN	*UN/CEFACT*			
R		**0057**	**Association assigned code**		**C**		**an..6**
			SMDG21	*SMDG Version 2.1*			
O	**0068**		**COMMON ACCESS REFERENCE**		**C**	**1**	**an..35**
			Additional message reference (if required)				
X	**S010**		**STATUS OF THE TRANSFER**		**C**	**1**	
X		**0070**	**Sequence message transfer number**		**M**		**n..2**
X		**0073**	**First/last sequence message transfer indication**		**C**		**a1**

Segment: **BGM** **Beginning of Message**
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the beginning of a message and to transmit identifying number and further specification of the message type (in data element 1001: Document name code), such as Empty container disposition order, Release order, Pre-arrival notice, Acceptance order, Empty container notice, Call-down order, On-hire request, On-hire order, Off-hire request, Off-hire notice.
Comments:
Notes: ***Sample segment :***
BGM+126+800255846+9+AB'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
R	**C002**		**DOCUMENT/MESSAGE NAME**		**C**	**1**	
R		**1001**	**Document name code**		**C**		**an..3**
			104	*Transport equipment impending arrival advice*			
			108	***Transport equipment empty release instruction***			
			125	*Transport empty equipment advice*			
			126	***Transport equipment acceptance order***			
			127	*Transport equipment special service instruction*			
			134	*Transport equipment on-hire request*			
			135	*Transport equipment on-hire order*			
			136	*Transport equipment off-hire request*			
			144	*Empty container disposition order*			
			170	*Cargo acceptance order*			
			264	*Transport equipment movement instruction*			
X		1131	Code list identification code		C		an..17
X		3055	Code list responsible agency code		C		an..3
X		1000	Document name		C		an..35
R	**C106**		**DOCUMENT/MESSAGE IDENTIFICATION**		**C**	**1**	
R		**1004**	**Document identifier**		**C**		**an..35**
			Sender's unique reference number				
X		1056	Version identifier		C		an..9
X		1060	Revision identifier		C		an..6
R	**1225**		**MESSAGE FUNCTION CODE**		**C**	**1**	**an..3**
			If code 1 or 5 is used, reference number of the message which is being cancelled/replaced must appear in the header level RFF using the code ACW in e1153.				
			1	*Cancellation*			

		5	*Replace*			
		9	*Original*			
O	**4343**	**RESPONSE TYPE CODE**		**C**	**1**	**an..3**
		AB	*Message acknowledgement*			

Segment: **DTM** **Date/Time/Period**
Position: 0040
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 9
Purpose: A segment to indicate a date and time applying the message as a whole: - requested equipment positioning date and/or time - expected on-hire date and/or time - expected return period
Comments:
Notes: ***Sample segment :***
DTM+137:200211211523:203'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	**C507**		**DATE/TIME/PERIOD**	**M**	**1**
M		**2005**	**Date or time or period function code qualifier**	**M**	**an..3**
		137	*Document/message date/time*		
R		**2380**	**Date or time or period value**	**C**	**an..35**
			Date/time that the message was prepared.		
R		**2379**	**Date or time or period format code**	**C**	**an..3**
		203	*CCYYMMDDHHMM*		

Segment: **RFF** **Reference**
Position: 0090 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to express a reference which applies to the entire message, such as: - container announcement reference number - booking reference number - reference to previous message - lessee's reference - lessor's reference - lease contract reference - return reference (of the party returning on hire equipment) - collect reference (of party collecting specified leased equipment) - carrier's agent reference number
Comments:
Notes: ***Sample segment :***
RFF+ATX:800255846'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C506**		**REFERENCE**		**M 1**	
M		**1153**	**Reference code qualifier**		**M**	**an..3**
			AAY	*Carrier's agent reference number*		
			ACA	*Cargo acceptance order reference number*		
			ACW	*Reference number to previous message*		
			AKA	*Container disposition order reference number*		
			ARJ	*Personal identity card number*		
			ATX	*Transport equipment acceptance order reference*		
			ATY	*Transport equipment release order reference*		
			BM	*Bill of lading number*		
			BN	*Booking reference number*		
			CN	*Carrier's reference number*		
			RE	*Release number*		
R		**1154**	**Reference identifier**		**C**	**an..70**
			Reference number			
X		**1156**	**Document line identifier**		**C**	**an..6**
X		**4000**	**Reference version identifier**		**C**	**an..35**
X		**1060**	**Revision identifier**		**C**	**an..6**

Segment: **DTM** **Date/Time/Period**
Position: 0100
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate date and/or time related to the reference.

Comments:
Notes: ***Sample segment :***
DTM+36:200211301200:203'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C507**		**DATE/TIME/PERIOD**		**M**	**1**
M		**2005**	**Date or time or period function code qualifier**		**M**	**an..3**
			7	*Effective date/time*		
			36	*Expiry date*		
			203	*Execution date/time, requested*		
R		**2380**	**Date or time or period value**		**C**	**an..35**
			Date or date/time			
R		**2379**	**Date or time or period format code**		**C**	**an..3**
			102	*CCYYMMDD*		
			203	*CCYYMMDDHHMM*		

Segment: **TDT** **Details of Transport**
Position: 0120 (Trigger Segment)
Group: Segment Group 2 (Details of Transport) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate information related to the main carriage stage of the transport (sea), such as voyage number or indication sea transport, vessel and carrier or liner. Information on related inland transport stage(s) can also be included, such as mode of inland transport, means of transport, and inland carrier, such as: - main-carriage transport (sea) - pre- or on-carriage transport - second pre- or on-carriage transport
Comments:
Notes: ***Sample segment :***
TDT+20+048R+1++MSC:172:SMD+++7104673:146:11:MSC CLAUDIA:PA'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**8051**		**TRANSPORT STAGE CODE QUALIFIER**		**M**	**1**	**an..3**
			20	*Main-carriage transport*			
O	**8028**		**MEANS OF TRANSPORT JOURNEY IDENTIFIER**		**C**	**1**	**an..17**
			Vessel operator's voyage number				
R	**C220**		**MODE OF TRANSPORT**		**C**	**1**	
R		**8067**	**Transport mode name code**		**C**		**an..3**
			1	*Maritime transport (ocean)*			
X		**8066**	**Transport mode name**		**C**		**an..17**
O	**C228**		**TRANSPORT MEANS**		**C**	**1**	
O		**8179**	**Transport means description code**		**C**		**an..8**
			Means of transport code (UN/ECE Recommendation 28)				
O		**8178**	**Transport means description**		**C**		**an..17**
			Type of means of transport (free text)				
R	**C040**		**CARRIER**		**C**	**1**	
R		**3127**	**Carrier identifier**		**C**		**an..17**
			Vessel operator's code				
O		**1131**	**Code list identification code**		**C**		**an..17**
			172	*Carriers*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			20	*BIC (Bureau International des Containeurs)*			
			87	*Assigned by carrier*			
			166	*US, National Motor Freight Classification Association*			
			184	*AU, ACOS (Australian Chamber of Shipping)*			
			SMD	*SMDG (Shipplanning Message Development Group)*			

				Temporary code			
			ZZZ	*Mutually defined*			
O		**3128**	**Carrier name**		**C**		**an..35**
			Vessel operator's name (free text)				
X	**8101**		**TRANSIT DIRECTION INDICATOR CODE**		**C**	**1**	**an..3**
X	**C401**		**EXCESS TRANSPORTATION INFORMATION**		**C**	**1**	
X		**8457**	**Excess transportation reason code**		**M**		**an..3**
X		**8459**	**Excess transportation responsibility code**		**M**		**an..3**
X		**7130**	**Customer shipment authorisation identifier**		**C**		**an..17**
O	**C222**		**TRANSPORT IDENTIFICATION**		**C**	**1**	
O		**8213**	**Transport means identification name identifier**		**C**		**an..9**
			Lloyd's (IMO) number				
			Either this element or the Group 2 RFF must be used to specify a vessel id.				
O		**1131**	**Code list identification code**		**C**		**an..17**
			146	*Means of transport identification*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			11	*Lloyd's register of shipping*			
O		**8212**	**Transport means identification name**		**C**		**an..35**
			Vessel name (free text)				
O		**8453**	**Transport means nationality code**		**C**		**an..3**
			Flag of means of transport (ISO country code)				
X	**8281**		**TRANSPORT MEANS OWNERSHIP INDICATOR CODE**		**C**	**1**	**an..3**

Segment: **RFF** **Reference**
Position: 0140
Group: Segment Group 2 (Details of Transport) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to provide a reference for the liner service, such as: - conference - marketing organization - syndicate - vessel sharing agreement

Comments:
Notes: ***Sample segment :***
RFF+VM:3EQZ6'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C506**		**REFERENCE**		**M**	**1**
M		**1153**	**Reference code qualifier**		**M**	**an..3**
			ATZ	*Ship's stay reference number*		
			MA	*Ship notice/manifest number*		
			VM	*Vessel identification*		
			VON	*Voyage number*		
R		**1154**	**Reference identifier**		**C**	**an..70**
			Callsign (if C506.e1153 = 'VM')			
			Alternative (non vessel operator's) voyage number (if C506.e1153 = 'VON')			
			Manifest number (if C506.e1153 = 'MA')			
			Other reference (if C506.e1153 = 'ATZ')			
X		**1156**	**Document line identifier**		**C**	**an..6**
X		**4000**	**Reference version identifier**		**C**	**an..35**
X		**1060**	**Revision identifier**		**C**	**an..6**

Segment: **LOC** **Place/Location Identification**
Position: 0160 (Trigger Segment)
Group: Segment Group 3 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a location associated with a transport stage such as final port or place of discharge or loading.
Comments:
Notes: ***Sample segment :***
LOC+9+AUMEL:139:6:MELBOURNE+CONWS:72:SMD:P&O PORTS'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER**		**M**	**1**	**an..3**
			9	*Place/port of loading*			
			11	*Place/port of discharge*			
R	**C517**		**LOCATION IDENTIFICATION**		**C**	**1**	
O		**3225**	**Location name code**		**C**		**an..25**
			UNLOCODE				
O		**1131**	**Code list identification code**		**C**		**an..17**
			139	*Port*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			6	*UN/ECE (United Nations - Economic Commission for Europe)*			
O		**3224**	**Location name**		**C**		**an..256**
			Port name (free text)				
O	**C519**		**RELATED LOCATION ONE IDENTIFICATION**		**C**	**1**	
O		**3223**	**First related location name code**		**C**		**an..25**
			1st related location code				
O		**1131**	**Code list identification code**		**C**		**an..17**
			72	*Container terminal*			
			266	*Marine berth*			
			267	*Marine wharf*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			9	*EAN (International Article Numbering association)*			
			184	*AU, ACOS (Australian Chamber of Shipping)*			
			SMD	*SMDG (Shipplanning Message Development Group)*			
				Temporary code			
			ZZZ	*Mutually defined*			
O		**3222**	**First related location name**		**C**		**an..70**
			1st related location name (free text)				
O	**C553**		**RELATED LOCATION TWO IDENTIFICATION**		**C**	**1**	

O		**3233**	**Second related location name code**		**C**	**an..25**
			2nd related location code			
O		**1131**	**Code list identification code**		**C**	**an..17**
			72	*Container terminal*		
			266	*Marine berth*		
			267	*Marine wharf*		
O		**3055**	**Code list responsible agency code**		**C**	**an..3**
			9	*EAN (International Article Numbering association)*		
			184	*AU, ACOS (Australian Chamber of Shipping)*		
			SMD	*SMDG (Shipplanning Message Development Group)*		
				Temporary code		
			ZZZ	*Mutually defined*		
O		**3232**	**Second related location name**		**C**	**an..70**
			2nd related location name (free text)			
X	**5479**		**RELATION CODE**		**C**	**1 an..3**

Segment: **DTM** **Date/Time/Period**
Position: 0170
Group: Segment Group 3 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify date(s) and time(s) related to a location.

Comments:
Notes: ***Sample segment :***
DTM+132:200212290600:203'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C507**		**DATE/TIME/PERIOD**		**M**	**1**
M		**2005**	**Date or time or period function code qualifier**		**M**	**an..3**
			132	*Arrival date/time, estimated*		
			133	*Departure date/time, estimated*		
			178	*Arrival date/time, actual*		
			186	*Departure date/time, actual*		
R		**2380**	**Date or time or period value**		**C**	**an..35**
			Arrival/departure date/time			
R		**2379**	**Date or time or period format code**		**C**	**an..3**
			203	*CCYYMMDDHHMM*		

Segment: **NAD** **Name and Address**
Position: 0190 (Trigger Segment)
Group: Segment Group 4 (Name and Address) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name and address, and function, and other addresses, such as: - ordering customer - ordering customer agent - message recipient - message sender - place of positioning - place of collection - final place of positioning - carrier agent (sea) - charges payer - place of acceptance name and address - invoicee - stripping address - return address - on hire party direct interchange - off hire party direct interchange - container survey agency

Comments:
Notes: ***Sample segment :***
NAD+MS+PON:172:20'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**3035**		**PARTY FUNCTION CODE QUALIFIER**		**M**	**1**	**an..3**
			CA	*Carrier*			
			CB	*Customs broker*			
			CF	*Container operator/lessee*			
			CPD	*Charges payer at destination*			
			FW	*Freight forwarder*			
			HA	*Party which delivers consignments to the terminal*			
			HR	*Shipping line service*			
			MR	*Message recipient*			
			MS	*Document/message issuer/sender*			
			OY	*Ordering customer*			
				Delivery subcontractor			
O	**C082**		**PARTY IDENTIFICATION DETAILS**		**C**	**1**	
M		**3039**	**Party identifier**		**M**		**an..35**
			Company code				
O		**1131**	**Code list identification code**		**C**		**an..17**
			160	*Party identification*			
			172	*Carriers*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			7	*CEFIC (Conseil Europeen des Federations de l'Industrie Chimique)*			
			9	*EAN (International Article Numbering association)*			
			10	*ODETTE*			

			16	*US, D&B (Dun & Bradstreet Corporation)*		
			20	*BIC (Bureau International des Containeurs)*		
			87	*Assigned by carrier*		
			163	*US, FMC (Federal Maritime Commission)*		
			166	*US, National Motor Freight Classification Association*		
			184	*AU, ACOS (Australian Chamber of Shipping)*		
			SMD	*SMDG (Shipplanning Message Design Group)* ***Temporary code***		
			ZZZ	*Mutually defined*		
O	**C058**		**NAME AND ADDRESS**		**C**	**1**
			The use of C058 is allowed to accomodate specific local requirements that exist in several ports. The use of C058 however is in general not recommended - whenever possible it is suggested to use C082 instead.			
M		**3124**	**Name and address description**		**M**	**an..35**
O		**3124**	**Name and address description**		**C**	**an..35**
O		**3124**	**Name and address description**		**C**	**an..35**
O		**3124**	**Name and address description**		**C**	**an..35**
O		**3124**	**Name and address description**		**C**	**an..35**
X	**C080**		**PARTY NAME**		**C**	**1**
X		**3036**	**Party name**		**M**	**an..35**
X		**3036**	**Party name**		**C**	**an..35**
X		**3036**	**Party name**		**C**	**an..35**
X		**3036**	**Party name**		**C**	**an..35**
X		**3036**	**Party name**		**C**	**an..35**
X		**3045**	**Party name format code**		**C**	**an..3**
X	**C059**		**STREET**		**C**	**1**
X		**3042**	**Street and number or post office box identifier**		**M**	**an..35**
X		**3042**	**Street and number or post office box identifier**		**C**	**an..35**
X		**3042**	**Street and number or post office box identifier**		**C**	**an..35**
X		**3042**	**Street and number or post office box identifier**		**C**	**an..35**
X	**3164**		**CITY NAME**		**C**	**1** **an..35**
X	**C819**		**COUNTRY SUB-ENTITY DETAILS**		**C**	**1**
X		**3229**	**Country sub-entity name code**		**C**	**an..9**
X		**1131**	**Code list identification code**		**C**	**an..17**
X		**3055**	**Code list responsible agency code**		**C**	**an..3**
X		**3228**	**Country sub-entity name**		**C**	**an..35**
X	**3251**		**POSTAL IDENTIFICATION CODE**		**C**	**1** **an..17**
X	**3207**		**COUNTRY NAME CODE**		**C**	**1** **an..3**

Segment: **CTA** **Contact Information**
Position: 0210 (Trigger Segment)
Group: Segment Group 5 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department of a message sender and/or message recipient, such as: - information contact
Comments:
Notes: ***Sample segment :***
CTA+IC+:STAN MATTHEWS'

Data Element Summary

	Data Element	Component Element	Name	Attributes		
R	**3139**		**CONTACT FUNCTION CODE**	**C**	**1**	**an..3**
			IC Information contact			
R	**C056**		**DEPARTMENT OR EMPLOYEE DETAILS**	**C**	**1**	
X		**3413**	**Department or employee name code**	**C**		**an..17**
R		**3412**	**Department or employee name**	**C**		**an..35**
			Contact name			

Segment: **COM** **Communication Contact**
Position: 0220
Group: Segment Group 5 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.
Comments:
Notes: ***Sample segment :***
COM+0198562395:TE'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C076**		**COMMUNICATION CONTACT**		**M**	**3**
M		**3148**	**Communication address identifier**		**M**	**an..512**
			Contact number			
M		**3155**	**Communication address code qualifier**		**M**	**an..3**
			EM	*Electronic mail*		
			FX	*Telefax*		
			TE	*Telephone*		
			TL	*Telex*		
			XF	*X.400 address*		

Segment: **EQD** **Equipment Details**
Position: 0550 (Trigger Segment)
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a container, container size and type, and full/empty indication; also to specify the type of rail car on which a related container is transported.
Comments:
Notes: ***Sample segment :***
EQD+CN++4532:102:5+2+2+5'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**8053**		**EQUIPMENT TYPE CODE QUALIFIER**		**M**	**1**	**an..3**
			BB	*Break bulk*			
				Temporary code			
			BPP	*Truck and trailer combination being transported*			
			CH	*Chassis*			
			CN	*Container*			
			RG	*Reefer generator*			
				Power pack			
			SW	*Swap body*			
			TE	*Trailer*			
O	**C237**		**EQUIPMENT IDENTIFICATION**		**C**	**1**	
R		**8260**	**Equipment identifier**		**C**		**an..17**
			Marks (letters/numbers) identifying equipment. To be transmitted as they appear on the equipment.				
X		**1131**	**Code list identification code**		**C**		**an..17**
X		**3055**	**Code list responsible agency code**		**C**		**an..3**
X		**3207**	**Country name code**		**C**		**an..3**
D	**C224**		**EQUIPMENT SIZE AND TYPE**		**C**	**1**	
O		**8155**	**Equipment size and type description code**		**C**		**an..10**
			Equipment size/type code as per ISO6346 (.1 or.2, .2 preferred)				
O		**1131**	**Code list identification code**		**C**		**an..17**
			102	*Size and type*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			5	*ISO (International Organization for Standardization)*			
O		**8154**	**Equipment size and type description**		**C**		**an..35**
			Equipment size/type (free text)				
O	**8077**		**EQUIPMENT SUPPLIER CODE**		**C**	**1**	**an..3**
			1	*Shipper supplied*			

		2	*Carrier supplied*			
		5	*Third party supplied*			
O	**8249**	**EQUIPMENT STATUS CODE**		**C**	**1**	**an..3**
		1	*Continental*			
		2	*Export*			
		3	*Import*			
		6	*Transhipment*			
		10	*Positioning*			
		11	*Delivery*			
		12	*Redelivery*			
		13	*Repair*			
R	**8169**	**FULL OR EMPTY INDICATOR CODE**		**C**	**1**	**an..3**
		4	*Empty*			
		5	*Full*			
		6	*No volume available*			
			To be used in case of break bulk			

Segment: **RFF** **Reference**
Position: 0560
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Required)
Max Use: 9
Purpose: A segment to express a reference which applies to the particular container, such as: - container sequence number - lower equipment serial number of range - upper equipment serial number of range - referring sequence number - reference at place of positioning - reference at place of collection - related container announcement reference (reference to Empty container disposition order) - transport costs reference number - carrier agent's reference number - freight forwarder's reference
Comments:
Notes: ***Sample segment :***
RFF+SQ:1'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C506**		**REFERENCE**		**M**	**1**
M		**1153**	**Reference code qualifier**		**M**	**an..3**
			AAE	*Goods declaration number*		
			AAO	*Consignee's shipment reference number*		
			AAY	*Carrier's agent reference number*		
			ABT	*Customs declaration number*		
			ABZ	*Vehicle licence number*		
			ACD	*Additional reference number*		
			AHI	*Transport contract reference number*		
			AKB	*Container prefix*		
			AKG	*Vehicle Identification Number (VIN)*		
			AKW	*Transport costs reference number*		
			ARJ	*Personal identity card number*		
			ATW	*Flat rack container bundle identification number*		
			AUA	*Place of positioning reference*		
			BM	*Bill of lading number*		
			BN	*Booking reference number*		
			BST	*Blockstow reference*		
				Temporary code		
			BT	*Batch number/lot number*		
			CN	*Carrier's reference number*		
			CT	*Contract number*		
			CU	*Consignor's reference number*		
			CV	*Container operators reference number*		

DR	*Dock receipt number*
EQ	*Equipment number* ***To be used in the event that an alternative equipment number is to be quoted in addition to the number in the EQD***
ER	*Container/equipment receipt number*
MKS	*Marks and numbers*
RE	*Release number*
SQ	*Equipment sequence number*
TF	*Transfer number*
UCN	*Unique consignment reference number*
VN	*Order number (vendor)*
VT	*Motor vehicle identification number*
VGR	*Transport equipment gross mass verification reference number* ***Code as available from version D.15B:*** ***Identification reference to documentation of transport equipment gross mass (weight) verification***
VOR	*Transport equipment gross mass verification order reference number* ***Code as available from version D.15B:*** ***A specific Transport equipment gross mass (weight) verification order send by the customer/shipping line (e.g. response to COHAOR)***

R	**1154**	**Reference identifier** ***Reference number***	**C**	**an..70**
X	**1156**	**Document line identifier**	**C**	**an..6**
X	**4000**	**Reference version identifier**	**C**	**an..35**
X	**1060**	**Revision identifier**	**C**	**an..6**

Segment: **EQN** **Number of Units**
Position: 0570
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify the number of containers of the same size and type in case of equipment guidelines.
Comments:
Notes: ***Sample segment :***
EQN+1'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	**C523**		**NUMBER OF UNIT DETAILS**	**M**	**1**
R		**6350**	**Units quantity** ***Number of units***	**C**	**n..15**
X		**6353**	**Unit type code qualifier**	**C**	**an..3**

Segment: **TMD** **Transport Movement Details**
Position: 0580
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate a Full Container Load (FCL) or a Less than Full Container Load (LCL).
Comments:
Notes: ***Sample segment :***
TMD+3++2'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
R	**C219**		**MOVEMENT TYPE**		**C**	**1**	
R		**8335**	**Movement type description code**		**C**		**an..3**
			2	*LCL/LCL*			
				= Pier/Pier = CFS/CFS			
			3	*FCL/FCL*			
				= House/House = CY/CY			
			4	*FCL/LCL*			
				= House/Pier = CY/CFS			
			5	*LCL/FCL*			
				= Pier/House = CFS/CY			
X		8334	Movement type description		C		an..35
X	8332		EQUIPMENT PLAN DESCRIPTION		C	1	an..26
O	**8341**		**HAULAGE ARRANGEMENTS CODE**		**C**	**1**	**an..3**
			1	*Carrier*			
			2	*Merchant*			

Segment: **DTM** **Date/Time/Period**
Position: 0590
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to indicate a date and time relating to the container, such as: - estimated positioning date/time - ultimate release date/time - expected on-hire date and/or time
Comments:
Notes: ***Sample segment :***
DTM+201:200211211700:203'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C507**		**DATE/TIME/PERIOD**		**M**	**1**
M		**2005**	**Date or time or period function code qualifier**		**M**	**an..3**
			7	*Effective date/time*		
			36	*Expiry date*		
			94	*Production/manufacture date*		
			171	*Reference date/time*		
			181	*Positioning date/time of equipment*		
			201	*Pick-up date/time of equipment*		
			371	*Hydrotest date*		
			376	*Biannual terminal inspection date*		
			377	*Federal HighWay Administr. (FHWA) inspection date*		
			378	*Container Safety Convention (CSC) inspection date*		
			379	*Periodic inspection date*		
			395	*Equipment positioning date/time, estimated*		
			396	*Equipment positioning date/time, requested*		
			397	*Equipment positioning date/time, ultimate*		
			400	*Cargo release date/time, ultimate*		
			798	*Verified gross mass determination date/time*		
				Code as available from version D.15B:		
				Date/Time when a gross mass (weight) of a packed container was obtained for verification according to SOLAS chapter VI, regulation 2, paragraphs 4-6		
R		**2380**	**Date or time or period value**		**C**	**an..35**
			Date or date/time			
R		**2379**	**Date or time or period format code**		**C**	**an..3**
			102	*CCYYMMDD*		
			203	*CCYYMMDDHHMM*		

Segment: **LOC** **Place/Location Identification**
Position: 0610
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Required)
Max Use: 9
Purpose: A segment to specify ports/locations associated with the sea transport of a container in case of export, such as: - place of discharge - transhipment place
Comments:
Notes: ***Sample segment :***
LOC+11+ZACPT:139:6+CTCT:72:SMD+F-BERTH:266:ZZZ'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER**		**M**	**1**	**an..3**
			5	*Place of departure*			
			7	*Place of delivery*			
			8	*Place of destination*			
			9	*Place/port of loading*			
			11	*Place/port of discharge*			
			13	*Place of transhipment*			
			15	*Place of transfer responsibility*			
			33	*Baseport of discharge*			
			34	*Baseport of loading*			
			65	*Final port or place of discharge*			
			88	*Place of receipt*			
			98	*Place of empty equipment despatch*			
			147	*Stowage cell*			
			154	*Place/location of on-hire*			
			155	*Place/location of off-hire*			
			170	*Final port of discharge*			
			171	*Place of destination for pre-stacking prior to stowage*			
			175	*Activity location*			
R	**C517**		**LOCATION IDENTIFICATION**		**C**	**1**	
O		**3225**	**Location name code**		**C**		**an..25**
			UNLOCODE				
			Stowage location (ISO format BBBRRTT) (if e3227 = 147)				
O		**1131**	**Code list identification code**		**C**		**an..17**
			139	*Port*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			5	*ISO (International Organization for Standardization)*			

				Only to be used when e3227 = 147 (stowage cell)		
			6	*UN/ECE (United Nations - Economic Commission for Europe)*		
O		**3224**	**Location name**		**C**	**an..256**
			Place/location name (free text)			
O	**C519**		**RELATED LOCATION ONE IDENTIFICATION**		**C**	**1**
O		**3223**	**First related location name code**		**C**	**an..25**
			1st related location code			
O		**1131**	**Code list identification code**		**C**	**an..17**
			72	*Container terminal*		
			261	*Consignee's premises*		
			262	*Consignor's premises*		
			263	*Packing and/or unpacking facility*		
			264	*Storage facility*		
			265	*Repair facility*		
			266	*Marine berth*		
			267	*Marine wharf*		
			268	*Gate*		
			269	*Warehouse*		
O		**3055**	**Code list responsible agency code**		**C**	**an..3**
			9	*EAN (International Article Numbering association)*		
			184	*AU, ACOS (Australian Chamber of Shipping)*		
			SMD	*SMDG (Shipplanning Message Development Group)*		
				Temporary code		
			ZZZ	*Mutually defined*		
O		**3222**	**First related location name**		**C**	**an..70**
			1st related location name (free text)			
O	**C553**		**RELATED LOCATION TWO IDENTIFICATION**		**C**	**1**
O		**3233**	**Second related location name code**		**C**	**an..25**
			2nd related location code			
O		**1131**	**Code list identification code**		**C**	**an..17**
			5	*Facility identification*		
			72	*Container terminal*		
			261	*Consignee's premises*		
			262	*Consignor's premises*		
			263	*Packing and/or unpacking facility*		
			264	*Storage facility*		
			265	*Repair facility*		
			266	*Marine berth*		
			267	*Marine wharf*		
			268	*Gate*		
			269	*Warehouse*		
O		**3055**	**Code list responsible agency code**		**C**	**an..3**
			9	*EAN (International Article Numbering association)*		
			184	*AU, ACOS (Australian Chamber of Shipping)*		

			SMD	*SMDG (Shipplanning Message Development Group)*			
				Temporary code			
			ZZZ	*Mutually defined*			
O		**3232**	**Second related location name**		**C**		**an..70**
			2nd related location name (free text)				
X	**5479**		**RELATION CODE**		**C**	**1**	**an..3**

Segment: **MEA** **Measurements**
Position: 0620
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify measurement, other than dimensions, associated with the container, such as: - tare weight - gross weight
Comments:
Notes: ***Sample segment :***
MEA+AAE+AET+KGM:10500'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**6311**		**MEASUREMENT PURPOSE CODE QUALIFIER**		**M**	**1**	**an..3**
			AAE	*Measurement*			
R	**C502**		**MEASUREMENT DETAILS**		**C**	**1**	
R		**6313**	**Measured attribute code**		**C**		**an..3**
			AAL	*Net weight*			
			AAO	*Humidity*			
				Humidity setting in percentage.			
			AAS	*Air flow*			
				Ventilation setting in cbm/hour			
			AAW	*Gross volume*			
			ABJ	*Volume*			
			AET	*Transport equipment gross weight*			
			CD	*Carbondioxide*			
				Carbondioxide setting in percentage			
				Temporary code			
			G	*Gross weight*			
			MW	*Maximum weight*			
			T	*Tare weight*			
			ZO	*Oxygen*			
				Oxygen setting in percentage			
			VGM	*Transport equipment verified gross mass (weight)*			
				Code as available from version D.15B:			
				Transport equipment's gross mass (weight) verified according to SOLAS Chapter VI, Regulation 2, paragraphs 4-6			
X		**6321**	**Measurement significance code**		**C**		**an..3**
X		**6155**	**Non-discrete measurement name code**		**C**		**an..17**
X		**6154**	**Non-discrete measurement name**		**C**		**an..70**
R	**C174**		**VALUE/RANGE**		**C**	**1**	

M		**6411**	**Measurement unit code**		**M**		**an..3**
			FTQ	*Cubic Feet*			
			KGM	*Kilograms*			
			LBR	*Pounds*			
			MTQ	*Cubic Metres*			
			PCT	*Percentage*			
R		**6314**	**Measurement value**		**C**		**an..18**
			Weight, volume or percentage.				
X		**6162**	**Range minimum value**		**C**		**n..18**
X		**6152**	**Range maximum value**		**C**		**n..18**
X		**6432**	**Significant digits quantity**		**C**		**n..2**
X	**7383**		**SURFACE OR LAYER CODE**		**C**	**1**	**an..3**

Segment: **DIM** **Dimensions**
Position: 0630
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: - off-standard dimensions, general - off-standard dimensions, front - off-standard dimensions, rear - off-standard dimensions, right - off-standard dimensions, left - off-standard dimensions, height - external equipment dimensions - dimensions equipment door - net dimensions

Comments:
Notes: ***Sample segment :***
DIM+7+CMT::20'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**6145**		**DIMENSION TYPE CODE QUALIFIER**		**M**	**1**	**an..3**
			1	*Gross dimensions*			
				To be used for break bulk only			
			5	*Off-standard dimension front*			
			6	*Off-standard dimension back*			
			7	*Off-standard dimension right*			
			8	*Off-standard dimension left*			
			10	*External equipment dimension*			
				To be used for non-ISO equipment only			
			13	*Off-standard dimensions height*			
M	**C211**		**DIMENSIONS**		**M**	**1**	
M		**6411**	**Measurement unit code**		**M**		**an..3**
			CMT	*Centimetres*			
			INH	*Inches*			
D		**6168**	**Length dimension value**		**C**		**n..15**
			Overall length if e6145 = 1 or 10				
			Overlength if e6145 = 5 or 6				
D		**6140**	**Width dimension value**		**C**		**n..15**
			Overall width if e6145 = 1 or 10				
			Overwidth if e6145 = 7 or 8				
D		**6008**	**Height dimension value**		**C**		**n..15**
			Overall height if e6145 = 1 or 10				
			Overheight if e6145 = 13				

Segment: **TMP** **Temperature**
Position: 0650 (Trigger Segment)
Group: Segment Group 14 (Temperature) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the transport temperature setting of a container.
Comments:
Notes: ***Sample segment :***
TMP+2+011:CEL'

Only to be used when a set temperature is to be specified. When a temperature range is to be specified, the RNG segment must be used.

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**6245**		**TEMPERATURE TYPE CODE QUALIFIER**		**M**	**1**	**an..3**
			2	*Transport temperature*			
R	**C239**		**TEMPERATURE SETTING**		**C**	**1**	
R		**6246**	**Temperature value**		**C**		**n..15**
			Temperature setting				
R		**6411**	**Measurement unit code**		**C**		**an..3**
			CEL	*Celsius*			
			FAH	*Fahrenheit*			

Segment: **RNG** **Range Details**
Position: 0660
Group: Segment Group 14 (Temperature) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify the transport temperature range or the pre-tripping range of a container.
Comments:
Notes: ***Sample segment :***
RNG+5+CEL:009:013'

Only to be used when a temperature range is to be specified. When a set temperature is to be specified, the TMP segment must be used.

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**6167**		**RANGE TYPE CODE QUALIFIER**		**M**	**1**	**an..3**
			5	*Temperature range*			
R	**C280**		**RANGE**		**C**	**1**	
M		**6411**	**Measurement unit code**		**M**		**an..3**
			CEL	*Celsius*			
			FAH	*Fahrenheit*			
R		**6162**	**Range minimum value**		**C**		**n..18**
			Minimum temperature				
R		**6152**	**Range maximum value**		**C**		**n..18**
			Maximum temperature				

Segment: **SEL** **Seal Number**
Position: 0670
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify seal and seal issuer associated with the container, such as shipper, consolidator, carrier (sea) and Customs.
Comments:
Notes: ***Sample segment :***
SEL+87579855+SH+1'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
R	**9308**		**SEAL IDENTIFIER**		**C**	**1**	**an..35**
			Seal number				
O	**C215**		**SEAL ISSUER**		**C**	**1**	
R		**9303**	**Sealing party name code**		**C**		**an..3**
			AA	*Consolidator*			
			AB	*Unknown*			
			AC	*Quarantine agency*			
			CA	*Carrier*			
			CU	*Customs*			
			SH	*Shipper*			
			TO	*Terminal operator*			
X		1131	Code list identification code		C		an..17
X		3055	Code list responsible agency code		C		an..3
O		**9302**	**Sealing party name**		**C**		**an..35**
			Sealing party name (free text)				
O	**4517**		**SEAL CONDITION CODE**		**C**	**1**	**an..3**
			1	*In right condition*			
			2	*Damaged*			
X	C208		IDENTITY NUMBER RANGE		C	1	
X		7402	Object identifier		M		an..35
X		7402	Object identifier		C		an..35

Segment: **FTX** **Free Text**
Position: 0680
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify processable supplementary information associated with the container, such as: - loading instructions (seagoing vessel) - special instructions (related to inland transport) - container order information (conditions to be checked) - remarks
Comments:
Notes: ***Sample segment :***
FTX+AAA+++CHOCOLATES'
FTX+OSI++040'
FTX+ABS++SM1:ZZZ:SMD'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**4451**		**TEXT SUBJECT CODE QUALIFIER**		**M**	**1**	**an..3**
			AAA	*Goods description*			
			AAI	*General information*			
			ABS	*Additional conditions*			
			ACF	*Additional attribute information*			
			ADZ	*CSC (Container Safety Convention) plate information*			
			DAR	*Damage remarks*			
			INV	*Invoice instruction*			
			LOI	*Loading instruction*			
			OSI	*Other service information*			
			SIN	*Special instructions*			
X	**4453**		**FREE TEXT FUNCTION CODE**		**C**	**1**	**an..3**
D	**C107**		**TEXT REFERENCE**		**C**	**1**	
M		**4441**	**Free text value code**		**M**		**an..17**

- REEFER SETTINGS (if e4451 = OSI):

CLS Vents closed
QUA Vents one quarter open
HLF Vents half open
THR Vents three quarters open
FLL Vents fully open
025 Volume of air flow 25 cubic meters per hour
etc.

- INDICATION OF CONSTRUCTION MATERIAL (if e4451 = ACF):

Construction material code as per ISO 9897

- INDICATIONOF DAMAGE CONDTION (if e4451 = DAR):

Condition code (see JM4/ITIGG/120)

- CURRENT EQUIPMENT CONDITION (if e4451 = ABS):

Condition code (see JM4/ITIGG/120)

For non-running reefer (dry reefer), the correct mechanism as per JM4/272 is as follows :
e4451 = ABS
C107.e4441 = 117 (no temperature setting required)
C107.e1131 = ZZZ (mutually defined)
C107.e3055 = 184 (ACOS)

Condition code (see JM4/ITIGG/120v1.7)
e4451 = ABS
C107.e4441 =SM1 (Gross Mass Verification – SOLAS Method 1) Gross Mass Verification by weighing the packed container as per SOLAS Regulation 2 Chapter VI, paragraphs 4-6, method 1
=SM2 (Gross Mass Verification – SOLAS Method 2) Gross Mass Verification by calculation of weight of goods transported, packing weight, lashing and securing material weight and container tare weight as per SOLAS Regulation 2, Chapter VI paragraphs 4-6, method 2
C107.e1131 = ZZZ
C107.e3055 = SMD (SMDG)

- INVOICE INSTRUCTION (if e4451 = INV):

Instruction code (see JM4/ITIGG/120)

- SPECIAL INSTRUCTION (if e4451 = SIN):

Instruction code (mutually agreed)

O	**1131**	**Code list identification code**		**C**	**an..17**
		130	*Special handling*		
			If e4451 = INV		

			ZZZ	*Mutually defined* ***If e4451 = ACF, DAR or ABS***		
O		**3055**	**Code list responsible agency code**		**C**	**an..3**
			5	*ISO (International Organization for Standardization)* ***If e4451 = ACF***		
			184	*AU, ACOS (Australian Chamber of Shipping)* ***If e4451 = DAR or ABS***		
			SMD	*SMDG (Shipplanning message design group)* ***If e4451 = ABS (SOLAS)***		
D	**C108**		**TEXT LITERAL** ***See Recommendation JM4/272. Only used if 4451 = AAI***		**C**	**1**
M		**4440**	**Free text value** ***- CSC PROBLEMS (if e4451 = CSC) :*** ***CSC re-inspection date (CCYYMM) or*** ***ACEP (if there is an acceptance sticker) or*** ***NDAT (in all other cases)*** ***- LOADING INSTRUCTION (if e4451 = LOI):*** ***Free text*** ***- GENERAL INFORMATION (if e4451 = AAI):*** ***Free text*** ***- DESCRIPTION OF GOODS (if e4451 = AAA):*** ***Free text***		**M**	**an..512**
O		**4440**	**Free text value**		**C**	**an..512**
O		**4440**	**Free text value**		**C**	**an..512**
O		**4440**	**Free text value**		**C**	**an..512**
O		**4440**	**Free text value**		**C**	**an..512**
X	**3453**		**LANGUAGE NAME CODE**		**C**	**1 an..3**
X	**4447**		**FREE TEXT FORMAT CODE**		**C**	**1 an..3**

Segment: **DGS** **Dangerous Goods**
Position: 0710 (Trigger Segment)
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify dangerous goods.
Comments:
Notes: ***Sample segment :***
DGS+IMD+3+2058+026:CEL++3-06'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
R	**8273**		**DANGEROUS GOODS REGULATIONS CODE**		**C**	**1**	**an..3**
			ADR	*European agreement on the international carriage of dangerous goods on road (ADR)*			
			ANR	*ADNR, Autorisation de transport de matieres Dangereuses pour la Navigation sur le Rhin*			
			CFR	*US, 49 Code of federal regulations*			
			IMD	*IMO IMDG code*			
			RID	*Railroad dangerous goods book (RID)*			
R	**C205**		**HAZARD CODE**		**C**	**1**	
M		**8351**	**Hazard identification code**		**M**		**an..7**
			IMDG Class Number				
			IMDG Sub- class number				
			RID Class number				
			CFR49 Codes				
O		**8078**	**Additional hazard classification identifier**		**C**		**an..7**
			IMDG Code page number (english version)				
O		**8092**	**Hazard code version identifier**		**C**		**an..10**
			IMDG Code Version number				
O	**C234**		**UNDG INFORMATION**		**C**	**1**	
O		**7124**	**United Nations Dangerous Goods (UNDG) identifier**		**C**		**n4**
			UNDG Number				
X		**7088**	**Dangerous goods flashpoint value**		**C**		**an..8**
O	**C223**		**DANGEROUS GOODS SHIPMENT FLASHPOINT**		**C**	**1**	
R		**7106**	**Shipment flashpoint value**		**C**		**n3**
			Flashpoint temperature				
R		**6411**	**Measurement unit code**		**C**		**an..3**
			CEL	*Celsius*			
			FAH	*Fahrenheit*			
O	**8339**		**PACKAGING DANGER LEVEL CODE**		**C**	**1**	**an..3**
			1	*Great danger*			

			Packing Group I			
			2 *Medium danger*			
			Packing Group II			
			3 *Minor danger*			
			Packing Group III			
O	**8364**		**EMERGENCY PROCEDURE FOR SHIPS IDENTIFIER**	**C**	**1**	**an..6**
			EMS Number			
O	**8410**		**HAZARD MEDICAL FIRST AID GUIDE IDENTIFIER**	**C**	**1**	**an..4**
			MFAG Number			
O	**8126**		**TRANSPORT EMERGENCY CARD IDENTIFIER**	**C**	**1**	**an..10**
			TREM Card Number			
O	**C235**		**HAZARD IDENTIFICATION PLACARD DETAILS**	**C**	**1**	
O		**8158**	**Orange hazard placard upper part identifier**	**C**		**an..4**
			Hazard identification number, upper part			
O		**8186**	**Orange hazard placard lower part identifier**	**C**		**an4**
			Hazard identification number, lower part (substance identification number)			
O	**C236**		**DANGEROUS GOODS LABEL**	**C**	**1**	
R		**8246**	**Dangerous goods marking identifier**	**C**		**an..4**
			Dangerous goods label marking 1			
O		**8246**	**Dangerous goods marking identifier**	**C**		**an..4**
			Dangerous goods label marking 2			
O		**8246**	**Dangerous goods marking identifier**	**C**		**an..4**
			Dangerous goods label marking 3			
X	**8255**		**PACKING INSTRUCTION TYPE CODE**	**C**	**1**	**an..3**
X	**8325**		**HAZARDOUS MEANS OF TRANSPORT CATEGORY CODE**	**C**	**1**	**an..3**
X	**8211**		**HAZARDOUS CARGO TRANSPORT AUTHORISATION CODE**	**C**	**1**	**an..3**

Segment: **FTX** **Free Text**
Position: 0720
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify supplementary details regarding the dangerous goods such as the technical name of the dangerous goods etc.
Comments:
Notes: ***Sample segment :***
FTX+AAC++PP'
FTX+AAD+++BUTYL ACRYLATES, STABILIZED'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**4451**		**TEXT SUBJECT CODE QUALIFIER**		**M**	**1**	**an..3**
			AAC	*Dangerous goods additional information*			
			AAD	*Dangerous goods, technical name*			
X	**4453**		**FREE TEXT FUNCTION CODE**		**C**	**1**	**an..3**
O	**C107**		**TEXT REFERENCE**		**C**	**1**	
M		**4441**	**Free text value code**		**M**		**an..17**
			MARPOL details or indication of transport of dangerous goods in limited quantities (if 4451 = AAC).				
			P	*Marine Pollutant*			
			PP	*Severe Marine Pollutant*			
			TLQ	*Transport of dangerous goods in limited quantities*			
X		**1131**	**Code list identification code**		**C**		**an..17**
X		**3055**	**Code list responsible agency code**		**C**		**an..3**
O	**C108**		**TEXT LITERAL**		**C**	**1**	
M		**4440**	**Free text value**		**M**		**an..512**
			Dangerous Goods technical name (if 4451 = AAD)				
			Exterior Placard Label (if 4451 = AAC)				
O		**4440**	**Free text value**		**C**		**an..512**
O		**4440**	**Free text value**		**C**		**an..512**
O		**4440**	**Free text value**		**C**		**an..512**
O		**4440**	**Free text value**		**C**		**an..512**
X	**3453**		**LANGUAGE NAME CODE**		**C**	**1**	**an..3**
X	**4447**		**FREE TEXT FORMAT CODE**		**C**	**1**	**an..3**

Segment: **CTA** **Contact Information**
Position: 0750 (Trigger Segment)
Group: Segment Group 16 (Contact Information) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department to be contacted regarding the dangerous goods.
Comments:
Notes: ***Sample segment :***
CTA+HE+:CHEMTREC'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
R	**3139**		**CONTACT FUNCTION CODE**	**C**	**1**	**an..3**
			HE *Emergency dangerous goods contact*			
R	**C056**		**DEPARTMENT OR EMPLOYEE DETAILS**	**C**	**1**	
X		**3413**	**Department or employee name code**	**C**		**an..17**
R		**3412**	**Department or employee name**	**C**		**an..35**
			Contact name			

Segment: **COM** **Communication Contact**
Position: 0760
Group: Segment Group 16 (Contact Information) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify communication details of the contact specified in the CTA segment.
Comments:
Notes: ***Sample segment :***
COM+1800873138:TE'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C076**		**COMMUNICATION CONTACT**		**M**	**3**
M		**3148**	**Communication address identifier**		**M**	**an..512**
			Contact number			
M		**3155**	**Communication address code qualifier**		**M**	**an..3**
			EM	*Electronic mail*		
			FX	*Telefax*		
			TE	*Telephone*		
			TL	*Telex*		
			XF	*X.400 address*		

Segment: **EQA** **Attached Equipment**
Position: 0790
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify related container and means of transport details (rail), such as: - rail car (to relate to the 'rail-car'-qualified EQD-group)
Comments:
Notes: ***Sample segment :***
EQA+RG+ PONG328765'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**8053**		**EQUIPMENT TYPE CODE QUALIFIER**		**M**	**1**	**an..3**
			AB	*Chain*			
			AD	*Temperature recorder*			
			BL	*Blocks*			
			BR	*Barge*			
			CH	*Chassis*			
			CN	*Container*			
			FSU	*Forked support*			
			LAR	*Lashing rope*			
			RG	*Reefer generator*			
				Clip-on			
			RR	*Rail car*			
			STR	*Strap*			
			TE	*Trailer*			
			TP	*Tarpaulin*			
O	**C237**		**EQUIPMENT IDENTIFICATION**		**C**	**1**	
R		**8260**	**Equipment identifier**		**C**		**an..17**
			Equipment number				
X		**1131**	**Code list identification code**		**C**		**an..17**
X		**3055**	**Code list responsible agency code**		**C**		**an..3**
X		**3207**	**Country name code**		**C**		**an..3**

Segment: **HAN** **Handling Instructions**
Position: 0810
Group: Segment Group 13 (Equipment Details) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify handling instructions related to the container equipment.

Comments:
Notes: ***Sample segment :***
HAN+RFR:130:184'
HAN+SMA:130:SMD'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
R	**C524**		**HANDLING INSTRUCTIONS**	**C**	**1**	
O		**4079**	**Handling instruction description code**	**C**		**an..3**
			Code as per JM4/ITIGG/120v1.7			
O		**1131**	**Code list identification code**	**C**		**an..17**
		130	*Special handling*			
O		**3055**	**Code list responsible agency code**	**C**		**an..3**
		184	*AU, ACOS (Australian Chamber of Shipping)*			
		SMD	*SMDG (Shipplaning message design group)*			
O		**4078**	**Handling instruction description**	**C**		**an..70**
			Handling instruction (free text)			
X	**C218**		**HAZARDOUS MATERIAL**	**C**	**1**	
X		**7419**	**Hazardous material category name code**	**C**		**an..4**
X		**1131**	**Code list identification code**	**C**		**an..17**
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
X		**7418**	**Hazardous material category name**	**C**		**an..35**

Segment: **TDT** **Details of Transport**
Position: 0860 (Trigger Segment)
Group: Segment Group 18 (Details of Transport) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify pre- or on-carriage transport details, such as: * pre- or on-carriage transport * second pre- or on-carriage transport
Comments:
Notes: ***Sample segment :***
TDT+1++9+10+:::CSX'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**8051**		**TRANSPORT STAGE CODE QUALIFIER**		**M**	**1**	**an..3**
			1	*Inland transport*			
			10	*Pre-carriage transport*			
			30	*On-carriage transport*			
O	**8028**		**MEANS OF TRANSPORT JOURNEY IDENTIFIER**		**C**	**1**	**an..17**
			Carrier's voyage number				
R	**C220**		**MODE OF TRANSPORT**		**C**	**1**	
R		**8067**	**Transport mode name code**		**C**		**an..3**
			1	*Maritime Transport*			
			2	*Rail*			
			3	*Road*			
			4	*Air*			
			8	*Inland Water*			
			9	*Mode unknown*			
X		**8066**	**Transport mode name**		**C**		**an..17**
O	**C228**		**TRANSPORT MEANS**		**C**	**1**	
O		**8179**	**Transport means description code**		**C**		**an..8**
			Means of transport code (UN/ECE recommendation 28)				
O		**8178**	**Transport means description**		**C**		**an..17**
			Type of means of transport (free text)				
O	**C040**		**CARRIER**		**C**	**1**	
O		**3127**	**Carrier identifier**		**C**		**an..17**
			Carrier code				
O		**1131**	**Code list identification code**		**C**		**an..17**
			172	*Carriers*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			20	*BIC (Bureau International des Containeurs)*			
			87	*Assigned by carrier*			
			166	*US, National Motor Freight Classification*			

				Association			
			184	*AU, ACOS (Australian Chamber of Shipping)*			
			SMD	*SMDG Shippanning Message Development Group)*			
				Temporary code			
			ZZZ	*Mutually defined*			
O		**3128**	**Carrier name**		**C**		**an..35**
			Carrier name (free text)				
X	**8101**		**TRANSIT DIRECTION INDICATOR CODE**		**C**	**1**	**an..3**
X	**C401**		**EXCESS TRANSPORTATION INFORMATION**		**C**	**1**	
X		**8457**	**Excess transportation reason code**		**M**		**an..3**
X		**8459**	**Excess transportation responsibility code**		**M**		**an..3**
X		**7130**	**Customer shipment authorisation identifier**		**C**		**an..17**
O	**C222**		**TRANSPORT IDENTIFICATION**		**C**	**1**	
O		**8213**	**Transport means identification name identifier**		**C**		**an..9**
			Call Sign (if 8067 = 1 and C222/1131 = 103)				
			Lloyds Number (if 8067 = 1 and C222/1131 = 146)				
			Train ID/Number (if 8067 = 2)				
			Truck ID/Number (if 8067 = 3)				
			Air Service ID (if 8067 = 4)				
			Barge ID/Number (if 8067 = 8)				
O		**1131**	**Code list identification code**		**C**		**an..17**
			103	*Call sign directory*			
			146	*Means of transport identification*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			11	*Lloyd's register of shipping*			
			ZZZ	*Mutually defined*			
O		**8212**	**Transport means identification name**		**C**		**an..35**
			Name of Means of Transport (free text)				
O		**8453**	**Transport means nationality code**		**C**		**an..3**
			Flag of Means of Transport (ISO Country Code)				
X	**8281**		**TRANSPORT MEANS OWNERSHIP INDICATOR CODE**		**C**	**1**	**an..3**

Segment: **DTM** **Date/Time/Period**
Position: 0870
Group: Segment Group 18 (Details of Transport) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a date and time related to the pre- or on-carriage transport such as arrival or departure date and time.

Comments:
Notes: ***Sample segment :***
DTM+132:200212270600:203'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C507**		**DATE/TIME/PERIOD**		**M**	**1**
M		**2005**	**Date or time or period function code qualifier**		**M**	**an..3**
			132	*Arrival date/time, estimated*		
			133	*Departure date/time, estimated*		
			178	*Arrival date/time, actual*		
			186	*Departure date/time, actual*		
R		**2380**	**Date or time or period value**		**C**	**an..35**
			Arrival/departure date/time			
R		**2379**	**Date or time or period format code**		**C**	**an..3**
			203	*CCYYMMDDHHMM*		

Segment: **LOC** **Place/Location Identification**
Position: 0890 (Trigger Segment)
Group: Segment Group 19 (Place/Location Identification) Conditional (Required)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify ports/locations associated with the pre- or on-carriage transport, such as: - place of departure - place of arrival
Comments:
Notes: ***Sample segment :***
LOC+88+AUMEL:139:6'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER**		**M**	**1**	**an..3**
			7	*Place of delivery*			
			8	*Place of destination*			
			9	*Place/port of loading*			
			11	*Place/port of discharge*			
			13	*Place of transhipment*			
			88	*Place of receipt*			
			170	*Final port of discharge*			
			171	*Place of destination for pre-stacking prior to stowage*			
			175	*Activity location*			
R	**C517**		**LOCATION IDENTIFICATION**		**C**	**1**	
O		**3225**	**Location name code**		**C**		**an..25**
			UNLOCODE				
O		**1131**	**Code list identification code**		**C**		**an..17**
			139	*Port*			
O		**3055**	**Code list responsible agency code**		**C**		**an..3**
			6	*UN/ECE (United Nations - Economic Commission for Europe)*			
O		**3224**	**Location name**		**C**		**an..256**
			Place/location name (free text)				
O	**C519**		**RELATED LOCATION ONE IDENTIFICATION**		**C**	**1**	
O		**3223**	**First related location name code**		**C**		**an..25**
			1st related location code				
O		**1131**	**Code list identification code**		**C**		**an..17**
			72	*Container terminal*			
			261	*Consignee's premises*			
			262	*Consignor's premises*			
			263	*Packing and/or unpacking facility*			

			264	*Storage facility*		
			265	*Repair facility*		
			266	*Marine berth*		
			267	*Marine wharf*		
			268	*Gate*		
			269	*Warehouse*		
O		**3055**	**Code list responsible agency code**		**C**	**an..3**
			9	*EAN (International Article Numbering association)*		
			184	*AU, ACOS (Australian Chamber of Shipping)*		
			SMD	*SMDG (Shipplanning Message Design Group)*		
				Temporary code		
			ZZZ	*Mutually defined*		
O		**3222**	**First related location name**		**C**	**an..70**
			1st related location name (free text)			
O	**C553**		**RELATED LOCATION TWO IDENTIFICATION**		**C**	**1**
O		**3233**	**Second related location name code**		**C**	**an..25**
			2nd related location code			
O		**1131**	**Code list identification code**		**C**	**an..17**
			5	*Facility identification*		
			72	*Container terminal*		
			261	*Consignee's premises*		
			262	*Consignor's premises*		
			263	*Packing and/or unpacking facility*		
			264	*Storage facility*		
			265	*Repair facility*		
			266	*Marine berth*		
			267	*Marine wharf*		
			268	*Gate*		
			269	*Warehouse*		
O		**3055**	**Code list responsible agency code**		**C**	**an..3**
			9	*EAN (International Article Numbering association)*		
			184	*AU, ACOS (Australian Chamber of Shipping)*		
			SMD	*SMDG (Shipplanning Message Development Group)*		
				Temporary code		
			ZZZ	*Mutually defined*		
O		**3232**	**Second related location name**		**C**	**an..70**
			2nd related location name (free text)			
X	**5479**		**RELATION CODE**		**C**	**1** **an..3**

Segment: **NAD** **Name and Address**
Position: 0920 (Trigger Segment)
Group: Segment Group 20 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a related address or party, such as: - charges payer - country/place of container stuffing - place of collection - final place of positioning - message to - next destination - release to party - carrier agent (sea) - return address
Comments:
Notes: ***Sample segment :***
NAD+CF+PON:172:20'
NAD+AM+++JOHN DILINGER'

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	**3035**		**PARTY FUNCTION CODE QUALIFIER**		**M 1 an..3**
			CA	*Carrier*	
			CB	*Customs broker*	
			CF	***Container operator/lessee***	
			CG	*Carrier's agent*	
			CN	*Consignee*	
			CZ	*Consignor*	
			EQ	*Empty container responsible party*	
			FP	*Freight/charges payer*	
			GA	*Road carrier*	
			GT	*Rail carrier*	
			HR	*Shipping line service*	
			IO	*Insurance company*	
			JB	*Goods collection party*	
			JC	*Party at final place of positioning*	
			MF	*Manufacturer of goods*	
			OG	*Owner or lessor's surveyor*	
			OH	*Lessee's surveyor*	
			ST	*Ship to*	
			AM	*Authorized official – (VGM EDI signature)* ***Name in capitals of Authorized person signing for verified gross mass (weight) = EDI signature***	
			SPC	*SOLAS packed container VGM responsible party* ***- Code as available from version D.15B: Party responsible for declaration of a packed container's verified gross mass (weight) according***	

O	**C082**		**PARTY IDENTIFICATION DETAILS**	**C**	**1**	
M		**3039**	**Party identifier** ***Company Code***	**M**		**an..35**
O		**1131**	**Code list identification code**	**C**		**an..17**
			160 *Party identification*			
			172 *Carriers*			
O		**3055**	**Code list responsible agency code**	**C**		**an..3**
			7 *CEFIC (Conseil Europeen des Federations de l'Industrie Chimique)*			
			9 *EAN (International Article Numbering association)*			
			10 *ODETTE*			
			16 *US, D&B (Dun & Bradstreet Corporation)*			
			20 *BIC (Bureau International des Containeurs)*			
			87 *Assigned by carrier*			
			163 *US, FMC (Federal Maritime Commission)*			
			166 *US, National Motor Freight Classification Association*			
			184 *AU, ACOS (Australian Chamber of Shipping)*			
			SMD *SMDG (Shipplanning Message Development Group)* ***Temporary code***			
O	**C058**		**NAME AND ADDRESS** ***The use of C058 is allowed to accommodate specific local requirements that exist in several ports. The use of C058 however is in general not recommended - whenever possible it is suggested to use C082 instead.***	**C**	**1**	
M		**3124**	**Name and address description**	**M**		**an..35**
O		**3124**	**Name and address description**	**C**		**an..35**
O		**3124**	**Name and address description**	**C**		**an..35**
O		**3124**	**Name and address description**	**C**		**an..35**
O		**3124**	**Name and address description**	**C**		**an..35**
O	**C080**		**PARTY NAME**	**C**	**1**	
O		**3036**	**Party name** ***1. Name in capitals of the person authorized to sign the shipping document declaring a verified gross mass (weight) (In case of qualifier 'AM') = EDI signature*** ***2. Company name of SOLAS verified gross mass responsible party (in case of qualifier 'SPC') (optional occurrence 2) = Company of person signing for Verified Gross Mass***	**M**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**

X		3045	Party name format code	C		an..3
O	C059		STREET	C	1	
O		3042	Street and number or post office box identifier	M		an..35
X		3042	Street and number or post office box identifier	C		an..35
X		3042	Street and number or post office box identifier	C		an..35
X		3042	Street and number or post office box identifier	C		an..35
O	3164		CITY NAME *Verified Gross Mass (weight) obtained location*	C	1	an..35
O	C819		COUNTRY SUB-ENTITY DETAILS	C	1	
O		3229	Country sub-entity name code	C		an..9
O		1131	Code list identification code	C		an..17
O		3055	Code list responsible agency code	C		an..3
O		3228	Country sub-entity name	C		an..35
O	3251		POSTAL IDENTIFICATION CODE	C	1	an..17
O	3207		COUNTRY NAME CODE *Verified Gross Mass (weight) obtained country*	C	1	an..3

Segment: **CNT** **Control Total**
Position: 0970
Group:
Level: 0
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify the number of containers in the message, explicitly given by the sender.
Comments:
Notes: ***Sample segment :***
CNT+1:1'
CNT+16:25'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C270**		**CONTROL**	**M**	**1**	
M		**6069**	**Control total type code qualifier**	**M**		**an..3**
			1 *Algebraic total of the quantity values in line items in a message*			
			16 *Total number of equipment*			
M		**6066**	**Control total value**	**M**		**n..18**
			Dummy value of 1 (if e6069 = 1)			
			Number of EQD segments in the message (if e6069 = 16)			
X		**6411**	**Measurement unit code**	**C**		**an..3**

Segment: **UNT** **Message Trailer**
Position: 0980
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Comments:
Notes: ***Sample segment :***
UNT+28+00000000006944'

Data Element Summary

	Data Element	Component Element	Name	Attributes		
M	**0074**		**NUMBER OF SEGMENTS IN A MESSAGE** ***Total number of segments in the message***	**M**	**1**	**n..6**
M	**0062**		**MESSAGE REFERENCE NUMBER** ***Message reference identical to e0062 in UNH segment***	**M**	**1**	**an..14**

8. SAMPLE MESSAGE

8.1 Unverified announced booking weight

```
UNH+00000000006944+COPARN:D:00B:UN:SMDG21'
BGM+126+800255846+9+AB'
DTM+137:200211211523:203'
RFF+ATX:800255846'
DTM+36:200211301200:203'
TDT+20+048R+1++MSC:172:20+++7104673:146:11:MSC CLAUDIA:PA'
RFF+VM:3EQZ6'
RFF+VON+048'
LOC+9+AUMEL:139:6:MELBOURNE+CONWS:72:SMD:P&O PORTS'
DTM+132:200212290600:203'
NAD+MS+PON:172:20'
CTA+IC+:STAN MATTHEWS'
COM+0198562395:TE'
EQD+CN++4532:102:5+2+2+5'
RFF+SQ:1'
EQN+1'
TMD+3++1'
LOC+11+ZACPT:139:6'
LOC+8+ZAJNB:139:6'
MEA+AAE+AET+KGM:10474'                                   Gross weight
TMP+2+011:CEL'
FTX+AAA+++CHOCOLATES'
TDT+1++3'
DTM+132:200212270600:203'
LOC+165+AUMEL:139:6'
CNT+16:1'
UNT+27+00000000006944'
```

8.2 Verified Gross Mass available before Gate IN

UNH+00000000006944+COPARN:D:00B:UN:SMDG21'
BGM+126+800255846+9+AB'
DTM+137:200211211523:203'
RFF+ATX:800255846'
DTM+36:200211301200:203'
TDT+20+048R+1++MSC:172:20+++7104673:146:11:MSC CLAUDIA:PA'
RFF+VM:3EQZ6'
RFF+VON+048'
LOC+9+AUMEL:139:6:MELBOURNE+CONWS:72:SMD:P&O PORTS'
DTM+132:200212290600:203'
NAD+MS+PON:172:20'
CTA+IC+:STAN MATTHEWS'
COM+0198562395:TE'
EQD+CN++4532:102:5+2+2+5'
RFF+SQ:1'
EQN+1'
TMD+3++1'

DTM+**798**:200211211700:203'	Weighing for verification date/time
LOC+11+ZACPT:139:6'	
LOC+8+ZAJNB:139:6'	
MEA+AAE+**VGM**+KGM:10474'	Verified gross mass (weight)
TMP+2+011:CEL'	
FTX+AAA+++CHOCOLATES'	
FTX+**ABS**++**SM1**:ZZZ:SMD’	SOLAS verification method used
TDT+1++9+10'	
DTM+132:200212270600:203'	
LOC+165+AUMEL:139:6'	
NAD+**AM**+++JOHN DILLINGER’	EDI signature
CNT+16:1'	

UNT+30+00000000006944'

8.3 Instruction to weigh container for verification after Gate IN

This instruction will not update a booking, but will request a container to be weighed according SOLAS method 1 for obtaining the Verified Gross Mass.

UNH+00000000006944+COPARN:D:00B:UN:SMDG21'	
BGM+**127**+800255846+9+AB'	TE Special service instruction
DTM+137:200211211523:203'	
RFF+ATX:800255846'	
DTM+36:200211301200:203'	
TDT+20+048R+1++MSC:172:20+++7104673:146:11:MSC CLAUDIA:PA'	
RFF+VM:3EQZ6'	
RFF+VON+048'	
LOC+9+AUMEL:139:6:MELBOURNE+CONWS:72:SMD:P&O PORTS'	
DTM+132:200212290600:203'	
NAD+MS+PON:172:20'	
CTA+IC+:STAN MATTHEWS'	
COM+0198562395:TE'	
EQD+CN+PONU1234567+4532:102:5+2+2+5'	
RFF+SQ:1'	
EQN+1'	
TMD+3++1'	
LOC+11+ZACPT:139:6'	
LOC+8+ZAJNB:139:6'	
MEA+AAE+**G**+KGM:10000'	Gross weight
TMP+2+011:CEL'	
FTX+AAA+++CHOCOLATES'	
HAN+**SM1**:ZZZ:SMD’	SOLAS verification method to be used
CNT+16:1'	
UNT+25+00000000006944'	