

# **EDIFACT IFTMBC D96B (Booking Confirmation) Implementation Guide**

**Version: 5.0**

**Company: CargoSmart Limited**

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# IFTMBC

## Booking confirmation message

Message Status=2

**Purpose:** A message from the party providing forwarding and/or transport services to the party booking those services giving the confirmation information to the booking of the consignment concerned. A confirmation might read that the booking of a consignment is accepted, pending, conditionally accepted or rejected. The conditions under which requested services take place may be given in this message.

### Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
			<u>S</u>				
	UNB	INTERCHANGE HEADER	M	1		Must use	5
	UNG	FUNCTIONAL GROUP HEADER	C	1		Used	8
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use	11
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use	13
* 0030	CTA	CONTACT INFORMATION	C	1	N1/0030	Not Used	N/A
* 0040	COM	COMMUNICATION CONTACT	C	9	N1/0040	Not Used	N/A
0050	DTM	DATE/TIME/PERIOD	C	9	N1/0050	Must use	15
0060	TSR	TRANSPORT SERVICE REQUIREMENTS	C	9	N1/0060	Must use	16
0070	FTX	FREE TEXT	C	99	N1/0070	Used	18
* 0080	CNT	CONTROL TOTAL	C	9	N1/0080	Not Used	N/A

### Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
			<u>S</u>				
* <b>0090</b>		<b>Segment Group 1</b>	<b>C</b>	<b>99</b>	<b>N2/0090</b>	<b>Not used</b>	N/A
* 0100	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N2/0100	Not Used	N/A
* 0110	DTM	DATE/TIME/PERIOD	C	9	N2/0110	Not Used	N/A
<b>0120</b>		<b>Segment Group 2</b>	<b>C</b>	<b>99</b>	<b>N2/0120</b>	<b>Must use</b>	19
0130	RFF	REFERENCE	M	1	N2/0130	Must use	20
* 0140	DTM	DATE/TIME/PERIOD	C	9	N2/0140	Not Used	N/A
* 0150	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	C	9	N2/0150	Not Used	N/A
<b>0160</b>		<b>Segment Group 3</b>	<b>C</b>	<b>99</b>	<b>N2/0160</b>	<b>Used</b>	21
0170	TDT	DETAILS OF TRANSPORT	M	1	N2/0170	Must use	22
* 0180	DTM	DATE/TIME/PERIOD	C	9	N2/0180	Not Used	N/A
* 0190	TSR	TRANSPORT SERVICE REQUIREMENTS	C	9	N2/0190	Not Used	N/A
<b>0200</b>		<b>Segment Group 4</b>	<b>C</b>	<b>99</b>	<b>N2/0200</b>	<b>Used</b>	25
0210	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N2/0210	Must use	26
0220	DTM	DATE/TIME/PERIOD	C	1	N2/0220	Used	28
* <b>0230</b>		<b>Segment Group 5</b>	<b>C</b>	<b>9</b>	<b>N2/0230</b>	<b>Not used</b>	N/A
* 0240	RFF	REFERENCE	M	1	N2/0240	Not Used	N/A
* 0250	DTM	DATE/TIME/PERIOD	C	1	N2/0250	Not Used	N/A
<b>0260</b>		<b>Segment Group 6</b>	<b>C</b>	<b>99</b>	<b>N2/0260</b>	<b>Must use</b>	29
0270	NAD	NAME AND ADDRESS	M	1	N2/0270	Must use	30
* 0280	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0280	Not Used	N/A

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
<b>0290</b>		<b>Segment Group 7</b>	<b>C</b>	<b>9</b>	<b>N2/0290</b>	<b>Used</b>	33
0300	CTA	CONTACT INFORMATION	M	1	N2/0300	Must use	34
0310	COM	COMMUNICATION CONTACT	C	9	N2/0310	Used	35
<b>* 0320</b>		<b>Segment Group 8</b>	<b>C</b>	<b>99</b>	<b>N2/0320</b>	<b>Not used</b>	N/A
* 0330	TSR	TRANSPORT SERVICE REQUIREMENTS	M	1	N2/0330	Not Used	N/A
* 0340	RFF	REFERENCE	C	1	N2/0340	Not Used	N/A
* 0350	LOC	PLACE/LOCATION IDENTIFICATION	C	1	N2/0350	Not Used	N/A
* 0360	TPL	TRANSPORT PLACEMENT	C	1	N2/0360	Not Used	N/A
* 0370	FTX	FREE TEXT	C	9	N2/0370	Not Used	N/A
<b>0380</b>		<b>Segment Group 9</b>	<b>C</b>	<b>999</b>	<b>N2/0380</b>	<b>Used</b>	36
0390	GID	GOODS ITEM DETAILS	M	1	N2/0390	Must use	37
* 0400	HAN	HANDLING INSTRUCTIONS	C	1	N2/0400	Not Used	N/A
0410	TMP	TEMPERATURE	C	1	N2/0410	Used	44
* 0420	RNG	RANGE DETAILS	C	1	N2/0420	Not Used	N/A
* 0430	TMD	TRANSPORT MOVEMENT DETAILS	C	1	N2/0430	Not Used	N/A
* 0440	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0440	Not Used	N/A
0450	FTX	FREE TEXT	C	9	N2/0450	Must use	45
<b>* 0460</b>		<b>Segment Group 10</b>	<b>C</b>	<b>9</b>	<b>N2/0460</b>	<b>Not used</b>	N/A
* 0470	NAD	NAME AND ADDRESS	M	1	N2/0470	Not Used	N/A
* 0480	DTM	DATE/TIME/PERIOD	C	1	N2/0480	Not Used	N/A
0490	GDS	NATURE OF CARGO	C	9	N2/0490	Must use	47
<b>0500</b>		<b>Segment Group 11</b>	<b>C</b>	<b>99</b>	<b>N2/0500</b>	<b>Used</b>	48
0510	MEA	MEASUREMENTS	M	1	N2/0510	Must use	49
* 0520	EQN	NUMBER OF UNITS	C	1	N2/0520	Not Used	N/A
<b>0530</b>		<b>Segment Group 12</b>	<b>C</b>	<b>99</b>	<b>N2/0530</b>	<b>Used</b>	51
0540	DIM	DIMENSIONS	M	1	N2/0540	Must use	52
* 0550	EQN	NUMBER OF UNITS	C	1	N2/0550	Not Used	N/A
<b>* 0560</b>		<b>Segment Group 13</b>	<b>C</b>	<b>9</b>	<b>N2/0560</b>	<b>Not used</b>	N/A
* 0570	RFF	REFERENCE	M	1	N2/0570	Not Used	N/A
* 0580	DTM	DATE/TIME/PERIOD	C	9	N2/0580	Not Used	N/A
<b>* 0590</b>		<b>Segment Group 14</b>	<b>C</b>	<b>9</b>	<b>N2/0590</b>	<b>Not used</b>	N/A
* 0600	DOC	DOCUMENT/MESSAGE DETAILS	M	1	N2/0600	Not Used	N/A
* 0610	DTM	DATE/TIME/PERIOD	C	9	N2/0610	Not Used	N/A
<b>0620</b>		<b>Segment Group 15</b>	<b>C</b>	<b>9</b>	<b>N2/0620</b>	<b>Used</b>	53
0630	DGS	DANGEROUS GOODS	M	1	N2/0630	Must use	54
0640	FTX	FREE TEXT	C	99	N2/0640	Used	57
<b>0650</b>		<b>Segment Group 16</b>	<b>C</b>	<b>9</b>	<b>N2/0650</b>	<b>Used</b>	59
0660	CTA	CONTACT INFORMATION	M	1	N2/0660	Must use	60
0670	COM	COMMUNICATION CONTACT	C	9	N2/0670	Used	61
<b>* 0680</b>		<b>Segment Group 17</b>	<b>C</b>	<b>9</b>	<b>N2/0680</b>	<b>Not used</b>	N/A
* 0690	MEA	MEASUREMENTS	M	1	N2/0690	Not Used	N/A
* 0700	EQN	NUMBER OF UNITS	C	1	N2/0700	Not Used	N/A
<b>0710</b>		<b>Segment Group 18</b>	<b>C</b>	<b>999</b>	<b>N2/0710</b>	<b>Used</b>	62

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
			<b>S</b>				
0720	EQD	EQUIPMENT DETAILS	M	1	N2/0720	Must use	63
0730	EQN	NUMBER OF UNITS	C	1	N2/0730	Must use	65
* 0740	TMD	TRANSPORT MOVEMENT DETAILS	C	1	N2/0740	Not Used	N/A
0750	MEA	MEASUREMENTS	C	9	N2/0750	Used	66
* 0760	DIM	DIMENSIONS	C	9	N2/0760	Not Used	N/A
* 0770	HAN	HANDLING INSTRUCTIONS	C	1	N2/0770	Not Used	N/A
* 0780	TMP	TEMPERATURE	C	1	N2/0780	Not Used	N/A
* 0790	RNG	RANGE DETAILS	C	9	N2/0790	Not Used	N/A
* 0800	FTX	FREE TEXT	C	9	N2/0800	Not Used	N/A
<b>0810</b>		<b>Segment Group 19</b>	<b>C</b>	<b>9</b>	<b>N2/0810</b>	<b>Used</b>	68
0820	NAD	NAME AND ADDRESS	M	1	N2/0820	Must use	69
0830	DTM	DATE/TIME/PERIOD	C	1	N2/0830	Used	72

### Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
			<b>S</b>				
0840	UNT	MESSAGE TRAILER	M	1	N3/0840	Must use	73
	UNE	FUNCTIONAL GROUP TRAILER	C	1		Used	74
	UNZ	INTERCHANGE TRAILER	M	1		Must use	75

### Conventions:

- 1 The segment hierarchy lists all the segments of EDIFACT standard. Segments which are not used by CargoSmart are indicated with \* sign.
- 2 A detailed description of each segment is listed with the segment ID and name, level (header, detail, or summary), loop (if the segment is contained within a loop), loop repeat (for the first segment in the loop), requirement within the transaction set (as required by CS), maximum use, purpose (as defined by EDIFACT), EDIFACT syntax notes, EDIFACT comments for segment usage, notes that explain CS convention for the segment within the transaction set and a valid sample of that segment.
- 3 The data element summary lists each data element, in order, for the segment. The data element summary includes the following types of information:
  - . **Ref** - This is the segment identifier with the data element sequence number within the segment.
  - . **Id** - This is the number assigned to the data element by EDIFACT. This number may be used for direct reference into the EDIFACT Data Element Dictionary
  - . **Element Name** - This is the name assigned to the data element by EDIFACT, in the EDIFACT Data Element Dictionary.
  - . **Req** - Element Usage based on EDIFACT standard and CS requirement. Below are the values used:
    - . M Mandatory The data element must be used if the segment is used.
    - . O Optional The data element may be used if the segment is used.
    - . C Conditional The data element may be used - its presence is dependent on the presence or absence of other data elements in the same segment. The particular condition/relation will be stated in the CS Notes section for that segment.
  - . **Type** - Element Type based on EDIFACT standard (Reference: [http://www.unece.org/trade/untdid/texts/d426\\_d.htm#p2.9](http://www.unece.org/trade/untdid/texts/d426_d.htm#p2.9)) and CS requirement. Below are the values used:
    - . **ID (Identifier)** Values for the identifier-type data elements are taken from a predefined list in the EDIFACT Data Element Dictionary.
    - . **AN (String)** Values for the string-type data element are a sequence of any printable characters.
    - . **N (Numeric)** Values for a numeric data element are in an implied decimal format. For negative values the leading minus sign (-) is used. Absence of a minus sign indicates a positive number. The decimal point is not transmitted in the character stream.
  - . **Minimum/Maximum** - This is the minimum and maximum length the field can be.

- . **Usage** - Element Usage based on CS mapping. Below are values used:
  - . **Must Use** CS is mapping this data element to a mandatory field in internal files and CS DB. Unavailability of this element will lead to CS failure.
  - . **Used** CS may map this data element but unavailability will not cause failure.
  - . **Not Used** CS is not mapping this data element to internal files and data is not extracted/loaded to CS DB.
- . **Code values** - CS supported values for each element.

**Revision History:**

<b>Ver. No.</b>	<b>Ver. Date</b>	<b>Revised By</b>	<b>Description of change(s)</b>
5.0	04Oct'07	CargoSmart Integration Team	1. Reviewed IG 2. ?Changed version to 5 because customer IG is version 4.
3.0	28Aug'06	CargoSmart Integration Team	Revised the presentation
2.0	07Jun'06	CargoSmart Integration Team	Corrected UNB_S004_0019j <sup>-</sup> s label from j <sup>o</sup> Interchange Control Numberj <sup>±</sup> to j <sup>o</sup> Time of Preparationj <sup>±</sup> .
1.0	22Feb'06	CargoSmart Integration Team	Initial Release

# UNB INTERCHANGE HEADER

Pos:	Max: 1
Mandatory	
Group:	Elements: 11
N/A	

**User Option (Usage):** Must use

**Purpose:** To start, identify and specify an interchange.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB010	S001	<b>SYNTAX IDENTIFIER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the agency controlling the syntax and indication of syntax level.				
	0001	<b>Syntax identifier</b>	M	a	4/4	Must use
		<b>Description:</b> Coded identification of the agency controlling a syntax and syntax level used in an interchange.				
		<b>Code</b>	<b>Name</b>			
		UNOA	UN/ECE level A			
		UNOB	UN/ECE level B			
		UNOC	UN/ECE level C			
	0002	<b>Syntax version number</b>	M	n	1/1	Must use
		<b>Description:</b> Version number of the syntax identified in the syntax identifier (0001).				
UNB020	S002	<b>INTERCHANGE SENDER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the sender of the interchange.				
	0004	<b>Sender identification</b>	M	an	1/35	Must use
		<b>Description:</b> Name or coded representation of the sender of a data interchange.				
		<b>Code</b>	<b>Name</b>			
		YOUR_ID	Your Interchange ID			
		<b>CS Note:</b>				
		<i>If you are the sender.</i>				
		CARGOSM	CargoSmart Interchange ID			
		ART				
		<b>CS Note:</b>				
		<i>If CargoSmart is the sender.</i>				
	0007	<b>Partner identification code qualifier</b>	C	an	1/4	Used
		<b>Description:</b> Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		<b>Code</b>	<b>Name</b>			
		01	CargoSmart Interchange ID Qualifier			
		<b>CS Note:</b>				
		<i>If CargoSmart is the sender.</i>				
		ZZ	Your Interchange ID Qualifier			
		<b>CS Note:</b>				
		<i>If you are the sender.</i>				
	0008	<b>Address for reverse routing</b>	C	an	1/14	Used
		<b>Description:</b> Address specified by the sender of an interchange to be included by the				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		recipient in the response interchanges to facilitate internal routing.				
UNB030	S003	<b>INTERCHANGE RECIPIENT</b>	M	Comp		Must use
		<b>Description:</b> Identification of the recipient of the interchange.				
	0010	<b>Recipient identification</b>	M	an	1/35	Must use
		<b>Description:</b> Name or coded representation of the recipient of a data interchange.				
		<b>Code</b> <b>Name</b>				
		YOUR_ID      Your Interchange ID				
		<b>CS Note:</b> <i>If you are the recipient.</i>				
		CARGOSM      CargoSmart Interchange ID				
		ART <b>CS Note:</b> <i>If CargoSmart is the recipient.</i>				
	0007	<b>Partner identification code qualifier</b>	C	an	1/4	Used
		<b>Description:</b> Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		<b>Code</b> <b>Name</b>				
		01      CargoSmart Interchange ID Qualifier				
		<b>CS Note:</b> <i>If CargoSmart is the recipient.</i>				
		ZZ      Your Interchange ID Qualifier				
		<b>CS Note:</b> <i>If you are the recipient.</i>				
	0014	<b>Routing address</b>	C	an	1/14	Used
		<b>Description:</b> Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.				
UNB040	S004	<b>DATE/TIME OF PREPARATION</b>	M	Comp		Must use
		<b>Description:</b> Date/time of preparation of the interchange.				
	0017	<b>Date of preparation</b>	M	n	6/6	Must use
		<b>Description:</b> Local date when an interchange or a functional group was prepared.				
	0019	<b>Time of preparation</b>	M	n	4/4	Must use
		<b>Description:</b> Local time of day when an interchange or a functional group was prepared.				
UNB050	0020	<b>Interchange control reference</b>	M	an	1/14	Must use
		<b>Description:</b> Unique reference assigned by the sender to an interchange.				
UNB060	S005	<b>RECIPIENTS REFERENCE PASSWORD</b>	C	Comp		Used
		<b>Description:</b> Reference or password as agreed between the communicating partners.				
	0022	<b>Recipient's reference/password</b>	M	an	1/14	Must use
		<b>Description:</b> Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.				
	0025	<b>Recipient's reference/password qualifier</b>	C	an	2/2	Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Qualifier for the recipient's reference or password.				
		<b>Code Name</b>				
		AA Reference				
		BB Password				
UNB070	0026	<b>Application reference</b>	C	an	1/14	Used
		<b>Description:</b> Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.				
UNB080	0029	<b>Processing priority code</b>	C	a	1/1	Used
		<b>Description:</b> Code determined by the sender requesting processing priority for the interchange.				
		<b>Code Name</b>				
		A Highest priority				
UNB090	0031	<b>Acknowledgement request</b>	C	n	1/1	Used
		<b>Description:</b> Code determined by the sender for acknowledgement of the interchange.				
		<b>Code Name</b>				
		1 Requested				
UNB100	0032	<b>Communications agreement ID</b>	C	an	1/35	Used
		<b>Description:</b> Identification by name or code of the type of agreement under which the interchange takes place.				
UNB110	0035	<b>Test indicator</b>	C	n	1/1	Used
		<b>Description:</b> Indication that the interchange is a test.				
		<b>Code Name</b>				
		1 Interchange is a test				

**Sample:**

UNB+UNOC:2+YOUR\_ID:ZZ+CARGOSMART:01+070618:2148+3157'

# UNG FUNCTIONAL GROUP HEADER

Pos:	Max: 1
Group:	Elements: 8
N/A	

**User Option (Usage):** Used

**Purpose:** To head, identify and specify a functional group.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNG010	0038	<b>Functional group identification</b>	M	an	1/6	Must use

**Description:** Identification of the one type of messages in a functional group.

**Code Name**

IFTMBC Booking Confirmation

UNG020	S006	<b>APPLICATION SENDER'S IDENTIFICATION</b>	M	Comp		Must use
--------	------	--	---	------	--	----------

**Description:** Identification of the sender's division, department etc. from which a group of messages is sent.

0040		<b>Application sender's identification</b>	M	an	1/35	Must use
------	--	--	---	----	------	----------

**Description:** Name or code identifying the originating division, department etc. within the sender's organization.

**Code Name**

YOUR\_ID Your Interchange ID

**CS Note:**

*If you are the sender.*

CARGOSM CargoSmart Interchange ID  
ART

**CS Note:**

*If CargoSmart is the sender.*

0007		<b>Partner identification code qualifier</b>	C	an	1/4	Used
------	--	--	---	----	-----	------

**Description:** Qualifier referring to the source of codes for the identifiers of interchanging partners.

**Code Name**

01 CargoSmart Interchange ID Qualifier

**CS Note:**

*If CargoSmart is the sender.*

ZZ Your Interchange ID Qualifier

**CS Note:**

*If you are the sender.*

UNG030	S007	<b>APPLICATION RECIPIENTS IDENTIFICATION</b>	M	Comp		Must use
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**Description:** Identification of the recipient's division, department etc. for which a group of messages is intended.

0044		<b>Application recipient's identification</b>	M	an	1/35	Must use
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**Description:** Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.

**Code**      **Name**  
 YOUR\_ID    Your Interchange ID

**CS Note:**  
*If you are the recipient.*

CARGOSM    CargoSmart Interchange ID  
 ART

**CS Note:**  
*If CargoSmart is the recipient.*

0007    **Partner identification code qualifier**      C      an      1/4      Used

**Description:** Qualifier referring to the source of codes for the identifiers of interchanging partners.

**Code**    **Name**  
 01      CargoSmart Interchange ID Qualifier

**CS Note:**  
*If CargoSmart is the recipient.*

ZZ      Your Interchange ID Qualifier

**CS Note:**  
*If you are the recipient.*

UNG040    S004    **DATE/TIME OF PREPARATION**      M    Comp      Must use

**Description:** Date/time of preparation of the interchange.

0017    **Date of preparation**      M      n      6/6      Must use

**Description:** Local date when an interchange or a functional group was prepared.

0019    **Time of preparation**      M      n      4/4      Must use

**Description:** Local time of day when an interchange or a functional group was prepared.

UNG050    0048    **Functional group reference number**      M      an      1/14      Must use

**Description:** Reference number for the functional group assigned by and unique within the sender's division, department etc.

UNG060    0051    **Controlling agency**      M      an      1/2      Must use

**Description:** Code identifying the agency controlling the specification, maintenance and publication of the message type.

**Code**    **Name**  
 UN      UN/CEFACT

UNG070    S008    **MESSAGE VERSION**      M    Comp      Must use

**Description:** Specification of the type of messages in the functional group.

0052    **Message version number**      M      an      1/3      Must use

**Description:** Version number of a message type.

**Code**    **Name**  
 D      Draft version/UN/EDIFACT Directory

0054    **Message release number**      M      an      1/3      Must use

**Description:** Release number within the current message version number.

**Code**    **Name**  
 96B    Release 1996 - B

0057    **Association assigned code**      C      an      1/6      Used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
UNG080	0058	<b>Application password</b>	C	an	1/14	Used
		<b>Description:</b> Password to the recipient's division, department or sectional system.				

**Sample:**

*UNG+IFTMBC+YOUR\_ID:ZZ+CARGOSMART:01+070618:2148+999+UN+D:96B'*

# UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To head, identify and specify a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	<b>Message reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				
UNH020	S009	<b>MESSAGE IDENTIFIER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the type, version etc. of the message being interchanged.				
	0065	<b>Message type identifier</b>	M	an	1/6	Must use
		<b>Description:</b> Code identifying a type of message and assigned by its controlling agency.				
		<b>Code</b>	<b>Name</b>			
		IFTMBC	Booking confirmation message			
	0052	<b>Message type version number</b>	M	an	1/3	Must use
		<b>Description:</b> Version number of a message type.				
		<b>Code</b>	<b>Name</b>			
		D	Draft version			
	0054	<b>Message type release number</b>	M	an	1/3	Must use
		<b>Description:</b> Release number within the current message type version number (0052).				
		<b>Code</b>	<b>Name</b>			
		96B	Release 1996 - B			
	0051	<b>Controlling agency</b>	M	an	1/2	Must use
		<b>Description:</b> Code identifying the agency controlling the specification, maintenance and publication of the message type.				
		<b>Code</b>	<b>Name</b>			
		UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)			
*	0057	<b>Association assigned code</b>	C	an	1/6	Not used
		<b>Description:</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.				
* UNH030	0068	<b>Common access reference</b>	C	an	1/35	Not used
		<b>Description:</b> Reference serving as a key to relate all subsequent transfers of data to the same business case or file.				
* UNH040	S010	<b>STATUS OF THE TRANSFER</b>	C	Comp		Not used
		<b>Description:</b> Statement that the message is one in a sequence of transfers relating to the same topic.				
*	0070	<b>Sequence message transfer number</b>	M	n	1/2	Not used
		<b>Description:</b> Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	0073	<b>First/last sequence message transfer indication</b>	C	a	1/1	Not used

**Description:** Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

**Sample:**

*UNH+99900001+IFTMBC:D:96B:UN'*

# BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To indicate the type and function of a message and to transmit the identifying number.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	<b>DOCUMENT/MESSAGE NAME</b>	C	Comp		Used
		<b>Description:</b> Identification of a type of document/message by code or name. Code preferred.				
	1001	<b>Document/message name, coded</b>	C	an	1/3	Must use
		<b>Description:</b> Document/message identifier expressed in code.				
		<b>Code Name</b>				
		770 Booking confirmation				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
*	1000	<b>Document/message name</b>	C	an	1/35	Not used
		<b>Description:</b> Plain language identifier specifying the function of a document/message.				
BGM020	C106	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Identification of a document/message by its number and eventually its version or revision.				
	1004	<b>Document/message number</b>	C	an	1/35	Used
		<b>Description:</b> Reference number assigned to the document/message by the issuer.				
		<b>CS Note:</b> <i>This element should be booking number.</i>				
*	1056	<b>Version</b>	C	an	1/9	Not used
		<b>Description:</b> To specify the version number or name of an object.				
*	1060	<b>Revision number</b>	C	an	1/6	Not used
		<b>Description:</b> To specify a revision number.				
BGM030	1225	<b>Message function, coded</b>	C	an	1/3	Must use
		<b>Description:</b> Code indicating the function of the message.				
		<b>Code Name</b>				
		1 Cancellation				
		5 Amendment				
		9 Original				
		48 Rejected				
		NS No Show				
		PE Pending				

**Code Name**

PR PreBooking

WL Wait listed

\* BGM040 4343 **Response type, coded** C an 1/3 Not used

**Description:** Code specifying the type of acknowledgment required or transmitted.

**Sample:**

*BGM+770+2003017490+9'*

# DTM DATE/TIME/PERIOD

Pos: 0050	Max: 9
Conditional	
Group: N/A	Elements: 1

**User Option (Usage):** Must use

**Purpose:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

**Description:** Date and/or time, or period relevant to the specified date/time/period type.

2005	<b>Date/time/period qualifier</b>	M	an	1/3	Must use
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**Description:** Code giving specific meaning to a date, time or period.

**Code Name**

55	Confirmed date/time
324	Processing date/period

2380	<b>Date/time/period</b>	C	an	1/35	Must use
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**Description:** The value of a date, a date and time, a time or of a period in a specified representation.

2379	<b>Date/time/period format qualifier</b>	C	an	1/3	Must use
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**Description:** Specification of the representation of a date, a date and time or of a period.

**Code Name**

102	CCYYMMDD
204	CCYYMMDDHHMMSS

## Sample:

*DTM+324:20070618170400:204'*

# TSR TRANSPORT SERVICE REQUIREMENTS

Pos: 0060	Max: 9
Conditional	
Group: N/A	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To specify the contract and carriage conditions and service and priority requirements for the transport.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TSR010	C536	<b>CONTRACT AND CARRIAGE CONDITION</b>	C	Comp		Must use
		<b>Description:</b> To identify a contract and carriage condition.				
	4065	<b>Contract and carriage condition, coded</b>	M	an	1/3	Must use
		<b>Description:</b> Code to identify the conditions of contract and carriage.				
		<b>Code Name</b>				
		27 Door-to-door				
		28 Door-to-pier				
		29 Pier-to-door				
		30 Pier-to-pier				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
TSR020	C233	<b>SERVICE</b>	C	Comp		Must use
		<b>Description:</b> To identify a service (which may constitute an additional component to a basic contract).				
	7273	<b>Service requirement, coded</b>	M	an	1/3	Must use
		<b>Description:</b> Identification of a service requirement (which may constitute an additional component to a basic contract).				
		<b>Code Name</b>				
		2 LCL/LCL				
		3 FCL/FCL				
		4 FCL/LCL				
		5 LCL/FCL				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
*	7273	<b>Service requirement, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a service requirement (which may constitute an additional component to a basic contract).				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
* TSR030	C537	<b>TRANSPORT PRIORITY</b>	C	Comp		Not used
		<b>Description:</b> To indicate the priority of requested transport service.				
*	4219	<b>Transport priority, coded</b>	M	an	1/3	Not used
		<b>Description:</b> Coded priority of requested transport service.				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
* TSR040	C703	<b>NATURE OF CARGO</b>	C	Comp		Not used
		<b>Description:</b> Rough classification of a type of cargo.				
*	7085	<b>Nature of cargo, coded</b>	M	an	1/3	Not used
		<b>Description:</b> Code indicating the type of cargo as a rough classification.				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				

**CS Note:**

*TSR should loop once only.*

**Sample:**

TSR+30+3'

# FTX FREE TEXT

Pos: 0070	Max: 99
Conditional	
Group:	Elements: 5
N/A	

**User Option (Usage):** Used

**Purpose:** To provide free form or coded text information.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	<b>Text subject qualifier</b>	M	an	1/3	Must use
<b>Description:</b> Code specifying subject of a free text.						
<b>Code Name</b>						
AAI General information / carrier feedback						
* FTX020	4453	<b>Text function, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code specifying how to handle the text.						
* FTX030	C107	<b>TEXT REFERENCE</b>	C	Comp		Not used
<b>Description:</b> Coded reference to a standard text and its source.						
*	4441	<b>Free text identification</b>	M	an	1/17	Not used
<b>Description:</b> Free text in coded form.						
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
<b>Description:</b> Identification of a code list.						
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code identifying the agency responsible for a code list.						
FTX040	C108	<b>TEXT LITERAL</b>	C	Comp		Must use
<b>Description:</b> Free text; one to five lines.						
	4440	<b>Free text</b>	M	an	1/70	Must use
<b>Description:</b> Free text field available to the message sender for information.						
	4440	<b>Free text</b>	C	an	1/70	Used
<b>Description:</b> Free text field available to the message sender for information.						
	4440	<b>Free text</b>	C	an	1/70	Used
<b>Description:</b> Free text field available to the message sender for information.						
	4440	<b>Free text</b>	C	an	1/70	Used
<b>Description:</b> Free text field available to the message sender for information.						
	4440	<b>Free text</b>	C	an	1/70	Used
<b>Description:</b> Free text field available to the message sender for information.						
* FTX050	3453	<b>Language, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code of language (ISO 639-1988).						

## Sample:

FTX+AAI+++cy/cy p-r 11-15/06/07 (krc-a3) 1234567890 gw.509,664.80 kgs. reseal:# oolu3487672'

# Segment Group 2

Pos: 0120	Repeat: 99
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Must use

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0130	RFF	REFERENCE	M	1	Must use

# RFF REFERENCE

Pos: 0130	Max: 1
Mandatory	
Group: 2	Elements: 1

**User Option (Usage):** Must use  
**Purpose:** To specify a reference.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use

**Description:** Identification of a reference.

1153		Reference qualifier	M	an	1/3	Must use
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**Description:** Code giving specific meaning to a reference segment or a reference number.

### Code Name

BN	Booking Number
CG	Customer Order Reference Number
CR	Customer Reference
FN	Forwarder's Reference Number
IN	Invoice Number
PO	Purchase Number
SC	Service Contract Number
SI	Shipper's Identifying Number for Shipment (SID)
SO	Shipper Order Number
SR	Shipper Reference
ZZ	CargoSmart Reference Number

### **Usage:**

*Must use if carrier also has a Booking Request message integration with CargoSmart.*

1154		Reference number	C	an	1/35	Used
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**Description:** 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	1/6	Not used
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**Description:** Number of the line in the document/message referenced in 1154 Reference number.

*	4000	Reference version number	C	an	1/35	Not used
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**Description:** To uniquely identify a reference by its revision number.

## Sample:

*RFF+BN:1234567890'*

# Segment Group 3

Pos: 0160	Repeat: 99
Conditional	
Group: 3	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0170	TDT	DETAILS OF TRANSPORT	M	1	Must use
0200		Segment Group 4	C	99	Used

# TDT DETAILS OF TRANSPORT

Pos: 0170	Max: 1
Mandatory	
Group: 3	Elements: 9

**User Option (Usage):** Must use

**Purpose:** To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDT010	8051	<b>Transport stage qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Qualifier giving a specific meaning to the transport details.				
		<b>Code Name</b>				
		20 Main carriage (first)				
		22 Main carriage (second)				
		23 Main carriage (third)				
		Z1 Main carriage (fourth)				
		Z2 Main carriage (fifth)				
TDT020	8028	<b>Conveyance reference number</b>	C	an	1/17	Used
		<b>Description:</b> Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).				
TDT030	C220	<b>MODE OF TRANSPORT</b>	C	Comp		Must use
		<b>Description:</b> Method of transport code or name. Code preferred.				
	8067	<b>Mode of transport, coded</b>	C	an	1/3	Must use
		<b>Description:</b> Coded method of transport used for the carriage of the goods.				
		<b>Code Name</b>				
		1 Ocean				
*	8066	<b>Mode of transport</b>	C	an	1/17	Not used
		<b>Description:</b> Method of transport used for the carriage of the goods.				
* TDT040	C228	<b>TRANSPORT MEANS</b>	C	Comp		Not used
		<b>Description:</b> Code and/or name identifying the type of means of transport.				
*	8179	<b>Type of means of transport identification</b>	C	an	1/8	Not used
		<b>Description:</b> Code defining the type of the means of transport being utilized.				
*	8178	<b>Type of means of transport</b>	C	an	1/17	Not used
		<b>Description:</b> Description of the type of the means of transport being utilized.				
TDT050	C040	<b>CARRIER</b>	C	Comp		Must use
		<b>Description:</b> Identification of a carrier by code and/or by name. Code preferred.				
	3127	<b>Carrier identification</b>	C	an	1/17	Must use
		<b>Description:</b> Identification of party undertaking or arranging transport of goods between named points.				
	1131	<b>Code list qualifier</b>	C	an	1/3	Must use

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Identification of a code list.				
		<b>Code Name</b> 172 Carrier code				
	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Must use
		<b>Description:</b> Code identifying the agency responsible for a code list.				
		<b>Code Name</b> 182 US, Standard Carrier Alpha Code (Motor)				
*	3128	<b>Carrier name</b>	C	an	1/35	Not used
		<b>Description:</b> Name of party undertaking or arranging transport of goods between named points.				
* TDT060	8101	<b>Transit direction, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of the point of origin and point of direction.				
* TDT070	C401	<b>EXCESS TRANSPORTATION INFORMATION</b>	C	Comp		Not used
		<b>Description:</b> 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	1/3	Not used
		<b>Description:</b> Indication of reason for excess transportation.				
*	8459	<b>Excess transportation responsibility, coded</b>	M	an	1/3	Not used
		<b>Description:</b> Indication of responsibility for excess transportation.				
*	7130	<b>Customer authorization number</b>	C	an	1/17	Not used
		<b>Description:</b> 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.				
TDT080	C222	<b>TRANSPORT IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Code and/or name identifying the means of transport.				
	8213	<b>Id. of means of transport identification</b>	C	an	1/9	Used
		<b>Description:</b> Identification of the means of transport by name or number.				
	1131	<b>Code list qualifier</b>	C	an	1/3	Used
		<b>Description:</b> Identification of a code list.				
		<b>Code Name</b> 103 Call sign directory ZZ1 Lloyd's Number ZZZ Mutually defined				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
	8212	<b>Id. of the means of transport</b>	C	an	1/35	Used
		<b>Description:</b> Identification of the means of transport by name or number.				
*	8453	<b>Nationality of means of transport,</b>	C	an	1/3	Not used

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>coded</b>				
		<b>Description:</b> Coded name of the country in which a means of transport is registered.				
* TDT090	8281	<b>Transport ownership, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code indicating the ownership of the means of transport.				

**Sample:**

*TDT+20+078East+1++OOLU:172:182+++9143063:ZZ1::OOCL SINGAPORE'*

# Segment Group 4

Pos: 0200	Repeat: 99
Conditional	
Group: 4	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0210	LOC	PLACE/LOCATION IDENTIFICATION	M	1	Must use
0220	DTM	DATE/TIME/PERIOD	C	1	Used

# LOC PLACE/LOCATION IDENTIFICATION

Pos: 0210	Max: 1
Mandatory	
Group: 4	Elements: 5

**User Option (Usage):** Must use

**Purpose:** To identify a country/place/location/related location one/related location two.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Place/location qualifier	M	an	1/3	Must use
<b>Description:</b> Code identifying the function of a location.						
<b>Code Name</b>						
7 Place of delivery						
9 Place/port of loading						
11 Place/port of discharge						
88 Place of receipt						
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Used
<b>Description:</b> Identification of a location by code or name.						
<b>CS Note:</b>						
<i>Either location code or location name must be provided.</i>						
3225		Place/location identification	C	an	1/25	Used
<b>Description:</b> Identification of the name of place/location, other than 3164 City name.						
1131		Code list qualifier	C	an	1/3	Used
<b>Description:</b> Identification of a code list.						
<b>Code Name</b>						
139 Port						
229 Inland location						
3055		Code list responsible agency, coded	C	an	1/3	Used
<b>Description:</b> Code identifying the agency responsible for a code list.						
<b>Code Name</b>						
6 UN/ECE (United Nations - Economic Commission for Europe)						
Z Mutually defined						
3224		Place/location	C	an	1/70	Used
<b>Description:</b> Name of place/location, other than 3164 City name.						
LOC030	C519	RELATED LOCATION ONE IDENTIFICATION	C	Comp		Used
<b>Description:</b> Identification the first related location by code or name.						
3223		Related place/location one identification	C	an	1/25	Used
<b>Description:</b> Specification of the first related place/location by code.						
1131		Code list qualifier	C	an	1/3	Used
<b>Description:</b> Identification of a code list.						

		<b><u>Code</u> <u>Name</u></b>				
		145 Airport/city				
3055		<b>Code list responsible agency, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
		<b><u>Code</u> <u>Name</u></b>				
		5 ISO (International Organization for Standardization)				
		6 UN/ECE (United Nations - Economic Commission for Europe)				
3222		<b>Related place/location one</b>	C	an	1/70	Used
		<b>Description:</b> Specification of the first related place/location by name.				
LOC040	C553	<b>RELATED LOCATION TWO IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Identification of second related location by code or name.				
3233		<b>Related place/location two identification</b>	C	an	1/25	Used
		<b>Description:</b> Specification of a second related place/location by code.				
1131		<b>Code list qualifier</b>	C	an	1/3	Used
		<b>Description:</b> Identification of a code list.				
		<b><u>Code</u> <u>Name</u></b>				
		162 Country				
3055		<b>Code list responsible agency, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
		<b><u>Code</u> <u>Name</u></b>				
		5 ISO (International Organization for Standardization)				
		6 UN/ECE (United Nations - Economic Commission for Europe)				
3232		<b>Related place/location two</b>	C	an	1/70	Used
		<b>Description:</b> Specification of a second related place/location by name.				
* LOC050	5479	<b>Relation, coded</b>	C	an	1/3	Not used
		<b>Description:</b> To specify the relationship between two or more items.				

**CS Note:**

*POL and POD must be provided.*

**Sample:**

*LOC+88+CNSHK:229:6:Shekou'*

# DTM DATE/TIME/PERIOD

Pos: 0220	Max: 1
Conditional	
Group: 4	Elements: 1

**User Option (Usage):** Used

**Purpose:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

**Description:** Date and/or time, or period relevant to the specified date/time/period type.

2005		Date/time/period qualifier	M	an	1/3	Must use
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**Description:** Code giving specific meaning to a date, time or period.

### Code Name

17 Delivery date/time, estimated

**CS Note:**

for LOC010 = 7.

132 Arrival date/time, estimated

**CS Note:**

for LOC010 = 11

133 Departure date/time, estimated

**CS Note:**

for LOC010 = 9

180 Cut-off Date/Time

**CS Note:**

for LOC010 = 88

2380		Date/time/period	C	an	1/35	Used
------	--	------------------	---	----	------	------

**Description:** 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	1/3	Used
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**Description:** Specification of the representation of a date, a date and time or of a period.

### Code Name

102 CCYMMDD

**CS Note:**

for DTM010\_2005 = 132 or 133

203 CCYMMDDHHMM

## Sample:

DTM+180:200706181200:203'

# Segment Group 6

Pos: 0260	Repeat: 99
Conditional	
Group: 6	Elements: N/A

User Option (Usage): Must use

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0270	NAD	NAME AND ADDRESS	M	1	Must use
0290		Segment Group 7	C	9	Used

# NAD NAME AND ADDRESS

Pos: 0270	Max: 1
Mandatory	
Group: 6	Elements: 9

**User Option (Usage):** Must use

**Purpose:** To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	<b>Party qualifier</b>	M	an	1/3	Must use
<b>Description:</b> Code giving specific meaning to a party.						
<b>Code Name</b>						
	BK	Booking Party				
<b>Usage:</b> Must use						
	CA	Carrier				
<b>Usage:</b> Must use						
	CN	Consignee				
	CZ	Shipper				
	FW	Freight forwarder				
NAD020	C082	<b>PARTY IDENTIFICATION DETAILS</b>	C	Comp		Used
<b>Description:</b> Identification of a transaction party by code.						
	3039	<b>Party id. identification</b>	M	an	1/35	Must use
<b>Description:</b> Code identifying a party involved in a transaction.						
<b>CS Note:</b> <i>This element is carrier SCAC code when NAD010 is CA; For booking party, shipper, consignee, and forwarder, this element is carrier customer code; which must have no more than 10 chars.</i>						
	1131	<b>Code list qualifier</b>	C	an	1/3	Used
<b>Description:</b> Identification of a code list.						
<b>Code Name</b>						
	160	Party identification				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code identifying the agency responsible for a code list.						
* NAD030	C058	<b>NAME AND ADDRESS</b>	C	Comp		Not used
<b>Description:</b> Unstructured name and address: one to five lines.						
*	3124	<b>Name and address line</b>	M	an	1/35	Not used
<b>Description:</b> Free form name and address description.						
*	3124	<b>Name and address line</b>	C	an	1/35	Not used
<b>Description:</b> Free form name and address description.						
*	3124	<b>Name and address line</b>	C	an	1/35	Not used
<b>Description:</b> Free form name and address description.						

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	3124	<b>Name and address line</b>	C	an	1/35	Not used
		<b>Description:</b> Free form name and address description.				
*	3124	<b>Name and address line</b>	C	an	1/35	Not used
		<b>Description:</b> Free form name and address description.				
NAD040	C080	<b>PARTY NAME</b>	C	Comp		Used
		<b>Description:</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.				
	3036	<b>Party name</b>	M	an	1/35	Must use
		<b>Description:</b> Name of a party involved in a transaction.				
	3036	<b>Party name</b>	C	an	1/35	Used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3036	<b>Party name</b>	C	an	1/35	Not used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3036	<b>Party name</b>	C	an	1/35	Not used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3036	<b>Party name</b>	C	an	1/35	Not used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3045	<b>Party name format, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Specification of the representation of a party name.				
NAD050	C059	<b>STREET</b>	C	Comp		Used
		<b>Description:</b> Street address and/or PO Box number in a structured address: one to three lines.				
	3042	<b>Street and number/p.o. box</b>	M	an	1/35	Must use
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
*	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Not used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
NAD060	3164	<b>City name</b>	C	an	1/35	Used
		<b>Description:</b> Name of a city (a town, a village) for addressing purposes.				
NAD070	3229	<b>Country sub-entity identification</b>	C	an	1/9	Used
		<b>Description:</b> Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
NAD080	3251	<b>Postcode identification</b>	C	an	1/9	Used
		<b>Description:</b> Code defining postal zones or addresses.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD090	3207	Country, coded	C	an	1/3	Used

**Description:** Identification of the name of a country or other geographical entity as specified in ISO 3166.

**CS Note:**

*Carrier must be provided;*

*Booking party and either shipper or forwarder must be provided with carrier customer code.*

**Sample:**

*NAD+CA+OOLU:160'*

*NAD+BK+1234567890:160++ABCDE Forwarding Company Limited+Room 999, Z Block, WanXian Cheng Building No.9999 Shennan Road., West+Shenzhen+++CN'*

*NAD+CZ+1234567890:160++ABCDE Forwarding Company Limited+Room 999, Z Block, WanXian Cheng Building No.9999 Shennan Road., West+Shenzhen+++CN'*

*NAD+FW+1234567890:160++ABCDE Forwarding Company Limited+Room 999, Z Block, WanXian Cheng Building No.9999 Shennan Road., West+Shenzhen+++CN'*

# Segment Group 7

Pos: 0290	Repeat: 9
Conditional	
Group: 7	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0300	CTA	CONTACT INFORMATION	M	1	Must use
0310	COM	COMMUNICATION CONTACT	C	9	Used

# CTA CONTACT INFORMATION

Pos: 0300	Max: 1
Mandatory	
Group: 7	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To identify a person or a department to whom communication should be directed.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	<b>Contact function, coded</b>	C	an	1/3	Used
<b>Description:</b> Code specifying the function of a contact (e.g. department or person).						
<b>Code Name</b>						
BK Booking Party						
CN Consignee						
CZ Shipper						
FW Forwarder						
CTA020	C056	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	C	Comp		Used
<b>Description:</b> Code and/or name of a department or employee. Code preferred.						
*	3413	<b>Department or employee identification</b>	C	an	1/17	Not used
<b>Description:</b> Internal identification code.						
	3412	<b>Department or employee</b>	C	an	1/35	Used
<b>Description:</b> The department or person within an organizational entity.						

## CS Note:

*Each party should have no more than one contact information.*

## Sample:

*CTA+BK+:First Name, Last Name'*

# COM COMMUNICATION CONTACT

Pos: 0310	Max: 9
Conditional	
Group: 7	Elements: 1

**User Option (Usage):** Used

**Purpose:** To identify a communication number of a department or a person to whom communication should be directed.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		Must use

**Description:** Communication number of a department or employee in a specified channel.

3148		Communication number	M	an	1/512	Must use
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**Description:** The communication number.

**CS Note:**

*Phone number must be no more than 30 chars; Email address must be no more than 60 chars.*

*Recommended phone number format: <country code>-<area code>-<phone number>. For example: 86-755-12345678*

3155		Communication channel qualifier	M	an	1/3	Must use
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**Description:** Code identifying the type of communication channel being used.

**Code Name**

EM Electronic mail

TE Telephone

**CS Note:**

*Each party should have no more than one communication information.*

**Sample:**

*COM+1-000-000-0000:TE'*

# Segment Group 9

Pos: 0380	Repeat: 999
Conditional	
Group: 9	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0390	GID	GOODS ITEM DETAILS	M	1	Must use
0410	TMP	TEMPERATURE	C	1	Used
0450	FTX	FREE TEXT	C	9	Must use
0490	GDS	NATURE OF CARGO	C	9	Must use
0500		Segment Group 11	C	99	Used
0530		Segment Group 12	C	99	Used
0620		Segment Group 15	C	9	Used

# GID GOODS ITEM DETAILS

Pos: 0390	Max: 1
Mandatory	
Group: 9	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To indicate totals of a goods item.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GID010	1496	<b>Goods item number</b>	C	n	1/5	Used
<b>Description:</b> Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.						
GID020	C213	<b>NUMBER AND TYPE OF PACKAGES</b>	C	Comp		Used
<b>Description:</b> Number and type of individual parts of a shipment.						
	7224	<b>Number of packages</b>	C	n	1/8	Used
<b>Description:</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.						
	7065	<b>Type of packages identification</b>	C	an	1/17	Used
<b>Description:</b> Coded description of the form in which goods are presented.						

### Code Name

AA	Aluminium Crate
AB	Aluminium Box
AC	Angle Crate
AD	Aluminium Drum
AE	Textile Bag
AI	Solid Plastic Box
AJ	Aluminium Jerrican
AM	Ampoule
AR	Bar
AS	Carcass
AT	Steel Crate
AW	Woven Plastic Bag
BA	Bing Chest
BB	Board
BC	Bulk Carton,
BD	Bundle
BE	Bucket
BF	Bus
BG	Bag
BH	Bunch
BI	Bobbin
BJ	Bottlerack
BK	Block
BL	Bale
BN	Bin
BP	Bulk Pack
BR	Barrel
BS	Basket
BT	Bottle

<b>Code</b>	<b>Name</b>
BU	Bulk
BW	Wooden Barrel
BX	Box
BY	Plywood Box
BZ	Box Pallet
CA	Can
CB	Carton Box
CC	Cardboard Carton
CD	Cylinder
CE	Cradle
CF	Carton Case
CG	Chemical Drum
CH	Chest
CI	Can Case
CJ	Cage
CK	Cask
CL	Coil
CM	Chassis
CN	Container
CQ	Carboy
CR	Crate
CS	Case
CT	Carton
CU	Churn
CV	Coffer
CW	Coffin
CX	Canister
CZ	Cone
DB	Dry Bulk
DC	Drum Can
DJ	Demijohn, Non-Protected
DL	Plastic Drum
DP	Plywood Drum
DR	Drum
DS	Solid Plastic Drum
ED	Expanded Plastic Drum
EE	Creel
EN	Envelope
FA	Felcon Bag
FB	Flecon Bag
FD	Fibre Drum
FK	Fibre Keg
FL	Flask
FO	Footlocker
FP	Filmpack
FR	Frame
FT	Flexitank
FU	Fibreboard Drum
FX	Fibreboard Box
GB	Gunny Bag
GO	Glass Bottle

<b>Code</b>	<b>Name</b>
GS	Gas Bottle
HB	Hessian Bundle
HE	Head of Beef
HF	Heavy Duty Multiwall Fibreboard
HH	Hogshead
HO	Heavy Duty Multiwall Plywood Box
HR	Hamper
IB	IBC
ID	Iron Drum
IN	Spindle
IT	ISO Tank
JB	Jumbo Bag
JC	Jerrican
JG	Jug
JP	Plastic Jerrican
JR	Jar
JT	Jutebag
KB	Kraft Bag
KE	Keg
KT	Kit
LB	Liquid Bulk
LG	Log
LO	Loose
LP	Plastic Bottle
LT	Lot
LU	Lug
LV	Liftvan
MB	Moulded Expanded Plastic Box
MC	Master Carton
MP	Multiwall, Water-Resistant Paper
NB	Nylon Bag
NO	Natural Wood Box
NS	Nest
NT	Net
OA	Pallet Box
OP	Porcelain Bottle
PA	Pail
PB	Paper Carboy
PC	Piece
PD	Packet
PE	Parcel
PF	Paper Pallet
PG	Paper Bag
PH	Pitcher
PI	Plastic Bag
PJ	Pipe
PK	Package
PL	Pallet
PM	Plastic Film Bag
PN	Pail Can
PO	Pot

<b><u>Code</u></b>	<b><u>Name</u></b>
PP	Poly Pack
PQ	Pack
PR	Pair
PS	Plastic Can
PT	Plastic Tank
PU	Pouch
PV	Private Vehicle
PW	Plywood Case
PX	Plastic Box
PY	Poly Container
PZ	Planks, In Bundle/Bunch/Truss
QB	Quarter of Beef
RB	Reconstituted Wood Box
RE	Reel
RG	Ring
RK	Rack
RL	Roll
RM	Rush Matting
RZ	Rods, In Bundle/Bunch/Truss
S1	Sea Chest
SA	Sachet
SB	Steel Box
SC	Stack
SD	Skid
SE	Steel Case
SH	Sheet
SI	Side of Beef
SJ	Steel Jerrican
SK	Sack
SL	Stillage
SN	Steel Container
SO	Stoneware Bottle
SP	Spool
SR	Shrinkpack
SS	Skid Case
ST	Set
SV	Steel Envelope
SW	Shrinkwrapped
TA	Tray
TB	Trunk Bag
TC	Tin Can
TD	Steel Drum
TE	Truss
TF	Tub
TG	Tote Bin
TI	Fibreboard Tray
TK	Tank
TN	Tin
TO	Towbale
TP	Plastic Tray
TR	Trunk

<b>Code</b>	<b>Name</b>
TT	Tank Container
TU	Tube
TW	Triwall
TX	Tea Box
UL	Unit Load
UN	Tun
UP	Unpacked
UT	Unit
VA	Vat
VC	Van Case
VI	Vial
VN	Van
VP	Van Pack
WA	Wooden Tray
WB	Wooden Box
WC	Wooden Case
WD	Wooden Drum
WE	Wooden Bucket
WH	Wickerwork Hamper
WI	Wire Container
WK	Wooden Keg
WL	Wooden Roll
WN	Wooden Container
WP	Wrap
WR	Wooden Reel
WT	Wooden Crate
WX	Textile Water-Resistant Bag
YA	Yacht
AMM	Ammo Pack
BEM	Beam
BKG	Bulk Bag
BRG	Barge
BXI	Box With Inner Container
CAB	Cabinet
CAR	Carrier
CBC	Containers Of Bulk Cargo
CHE	Cheeses
CLD	Car Load, Rail
CNA	Household Goods Containers, Wood
CNB	Container, Mac-Iso (Military Airlift Container - I
CNC	Container, Navy Cargo Transporter
CND	Container, Commercial Highway Lift
CNE	Engine Container
CNF	Multiwall Container Secured To Warehouse Pallet
CNX	Conex - Container Express
COR	Core
CUB	Cube
DPD	Demijohn, Protected
DRK	Double Length Rack
DRU	Drum - User Defined
DSK	Double Length Skid

<b>Code</b>	<b>Name</b>
DTB	Double Length Tote Bin
DUF	Duffle Bag
FIR	Firkin
FLO	Flo-Bin
FLX	Liner Bag Liquid
FWR	Forward Reel
GOH	Garments On Hangers
HPC	Hopper Car
HPT	Hopper Truck
HRB	On Hanger Or Rack In Boxes
HRK	Half Standard Rack
HTB	Half Standard Tote Bin
IBC	Required To Accept From Bdp
INT	Ingot
KRK	Knock Down Rack
KTB	Knock Down Tote Bin
LIF	Lifts
MLV	Milvan - Military Van
MRP	Multi Roll Pack
MSV	Mscvan - Military Sealift Command Van
MXD	Mixed Type Pack
NOL	Noil
OVW	Overwrap
PBR	Plates, In Bundle/Bunch/Truss
PBT	Pipes, In Bundle/Bunch/Truss
PCK	Packed Not Otherwise Specified
PIR	Pims
PLF	Platform
PLN	Pipeline
PRK	Pipe Rack
RAL	Rail (Semiconductor)
RVR	Reverse Reel
SBC	Liner Bag Dry
SCS	Suitcase
SHK	Shook
SKE	Skid Elevating Or Lift Truck
SLP	Slip Sheet
SLV	Sleeve
SPI	Spin Cylinders
SVN	Seavan - Sea Van
TKR	Tank Car Rail
TLD	Intermodal Trailer/Container Load (Rail)
TOT	Tote
TRC	Tierce
TRU	Truck
TSS	Trunk Salesmen Sample
TTC	Tote Can
UCR	Unit Car (Rail)
VEH	Vehicles
WHE	On Own Wheel
WLC	Wheeled Carrier

**Code Name**

WPK Weather Packs

\* 1131 **Code list qualifier** C an 1/3 Not used

**Description:** Identification of a code list.

3055 **Code list responsible agency, coded** C an 1/3 Used

**Description:** Code identifying the agency responsible for a code list.

**Code Name**

5 ISO (International Organization for Standardization)

7064 **Type of packages** C an 1/35 Used

**Description:** Description of the form in which goods are presented.

\* GID030 C213 **NUMBER AND TYPE OF PACKAGES** C Comp Not used

**Description:** Number and type of individual parts of a shipment.

\* 7224 **Number of packages** C n 1/8 Not used

**Description:** 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.

\* 7065 **Type of packages identification** C an 1/17 Not used

**Description:** Coded description of the form in which goods are presented.

\* 1131 **Code list qualifier** C an 1/3 Not used

**Description:** Identification of a code list.

\* 3055 **Code list responsible agency, coded** C an 1/3 Not used

**Description:** Code identifying the agency responsible for a code list.

\* 7064 **Type of packages** C an 1/35 Not used

**Description:** Description of the form in which goods are presented.

\* GID040 C213 **NUMBER AND TYPE OF PACKAGES** C Comp Not used

**Description:** Number and type of individual parts of a shipment.

\* 7224 **Number of packages** C n 1/8 Not used

**Description:** 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.

\* 7065 **Type of packages identification** C an 1/17 Not used

**Description:** Coded description of the form in which goods are presented.

\* 1131 **Code list qualifier** C an 1/3 Not used

**Description:** Identification of a code list.

\* 3055 **Code list responsible agency, coded** C an 1/3 Not used

**Description:** Code identifying the agency responsible for a code list.

\* 7064 **Type of packages** C an 1/35 Not used

**Description:** Description of the form in which goods are presented.

**Sample:**

GID+1+872:PK'

# TMP TEMPERATURE

Pos: 0410	Max: 1
Conditional	
Group: 9	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the temperature setting.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TMP010	6245	Temperature qualifier	M	an	1/3	Must use

**Description:** A code giving specific meaning to the temperature.

### Code Name

- 1 Storage temperature
- 2 Transport temperature
- 3 Cargo operating temperature
- 4 Transport emergency temperature
- 5 Transport control temperature

TMP020	C239	TEMPERATURE SETTING	C	Comp		Used
--------	------	---------------------	---	------	--	------

**Description:** The temperature under which the goods are (to be) stored or shipped.

6246		Temperature setting	C	n	3/3	Used
------	--	---------------------	---	---	-----	------

**Description:** The actual temperature value in degrees Celsius (e.g. 008, 020).

6411		Measure unit qualifier	C	an	1/3	Used
------	--	------------------------	---	----	-----	------

**Description:** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

### Code Name

- CEL Celsius
- FAH Fahrenheit

## Sample:

*TMP+1+ -20.0:CEL'*

# FTX FREE TEXT

Pos: 0450	Max: 9
Conditional	
Group: 9	Elements: 5

**User Option (Usage):** Must use

**Purpose:** To provide free form or coded text information.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	<b>Text subject qualifier</b>	M	an	1/3	Must use
<b>Description:</b> Code specifying subject of a free text.						
<b>Code Name</b>						
AAA Goods description						
<b>Usage:</b>						
<i>Must use</i>						
* FTX020	4453	<b>Text function, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code specifying how to handle the text.						
* FTX030	C107	<b>TEXT REFERENCE</b>	C	Comp		Not used
<b>Description:</b> Coded reference to a standard text and its source.						
*	4441	<b>Free text identification</b>	M	an	1/17	Not used
<b>Description:</b> Free text in coded form.						
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
<b>Description:</b> Identification of a code list.						
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code identifying the agency responsible for a code list.						
FTX040	C108	<b>TEXT LITERAL</b>	C	Comp		Must use
<b>Description:</b> Free text; one to five lines.						
	4440	<b>Free text</b>	M	an	1/70	Must use
<b>Description:</b> Free text field available to the message sender for information.						
	4440	<b>Free text</b>	C	an	1/70	Used
<b>Description:</b> Free text field available to the message sender for information.						
	4440	<b>Free text</b>	C	an	1/70	Used
<b>Description:</b> Free text field available to the message sender for information.						
	4440	<b>Free text</b>	C	an	1/70	Used
<b>Description:</b> Free text field available to the message sender for information.						
* FTX050	3453	<b>Language, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code of language (ISO 639-1988).						

## Sample:

FTX+AAA+++TOYS:s.t.c. stationery of paper products gaiu2172607 #432'

# GDS NATURE OF CARGO

Pos: 0490	Max: 9
Conditional	
Group: 9	Elements: 1

**User Option (Usage):** Must use

**Purpose:** To indicate the type of cargo as a general classification.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GDS010	C703	<b>NATURE OF CARGO</b>	C	Comp		Must use
		<b>Description:</b> Rough classification of a type of cargo.				
	7085	<b>Nature of cargo, coded</b>	M	an	1/3	Must use
		<b>Description:</b> Code indicating the type of cargo as a rough classification.				
		<b>Code Name</b>				
		10 Awkward				
		11 Dangerous cargo				
		12 General cargo				
		14 Reefer cargo				
		ZZ1 Awkward dangerous cargo				
		ZZ2 Reefer dangerous cargo				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				

## CS Note:

*Only one GDS can be used in each GID group.*

## Sample:

GDS+12'

# Segment Group 11

Pos: 0500	Repeat: 99
Conditional	
Group: 11	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0510	MEA	MEASUREMENTS	M	1	Must use

# MEA MEASUREMENTS

Pos: 0510	Max: 1
Mandatory	
Group: 11	Elements: 4

**User Option (Usage):** Must use

**Purpose:** To specify physical measurements, including dimension tolerances, weights and counts.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	<b>Measurement application qualifier</b>	M	an	1/3	Must use
<b>Description:</b> Specification of the application of the physical measurement used.						
<b>Code Name</b>						
WT Weights						
VOL Volume						
MEA020	C502	<b>MEASUREMENT DETAILS</b>	C	Comp		Must use
<b>Description:</b> Identification of measurement type.						
	6313	<b>Measurement dimension, coded</b>	C	an	1/3	Must use
<b>Description:</b> Specification of the type of dimension to be measured.						
<b>Code Name</b>						
G Gross weight						
<b>CS Note:</b> <i>weight including the packaging</i>						
N Actual net weight						
<b>CS Note:</b> <i>weight excluding the packaging</i>						
AAW Gross volume						
<b>CS Note:</b> <i>volume including the outer packaging</i>						
*	6321	<b>Measurement significance, coded</b>	C	an	1/3	Not used
<b>Description:</b> Code specifying the significance of a measurement value.						
*	6155	<b>Measurement attribute identification</b>	C	an	1/17	Not used
<b>Description:</b> Code used to specify non-discrete measurement values.						
*	6154	<b>Measurement attribute</b>	C	an	1/70	Not used
<b>Description:</b> To specify non-discrete measurement values.						
MEA030	C174	<b>VALUE/RANGE</b>	C	Comp		Must use
<b>Description:</b> Measurement value and relevant minimum and maximum tolerances in that order.						
	6411	<b>Measure unit qualifier</b>	M	an	1/3	Must use
<b>Description:</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						
<b>Code Name</b>						
CBM Cubic meters						
KGM Kilograms						
LBS Pounds						

	<u>Code</u>	<u>Name</u>				
	TON	Tons				
	6314	<b>Measurement value</b>	C	an	1/18	Must use
		<b>Description:</b> Value of the measured unit.				
*	6162	<b>Range minimum</b>	C	n	1/18	Not used
		<b>Description:</b> Minimum of a range.				
*	6152	<b>Range maximum</b>	C	n	1/18	Not used
		<b>Description:</b> Maximum of a range.				
*	6432	<b>Significant digits</b>	C	n	1/2	Not used
		<b>Description:</b> To specify the number of significant digits.				
* MEA040	7383	<b>Surface/layer indicator, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code indicating the surface or layer of a product that is being described.				

### Sample:

MEA+WT+G+KGM:14006.000'

# Segment Group 12

Pos: 0530	Repeat: 99
Conditional	
Group: 12	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0540	DIM	DIMENSIONS	M	1	Must use

# DIM DIMENSIONS

Pos: 0540	Max: 1
Mandatory	
Group: 12	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To specify dimensions.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DIM010	6145	Dimension qualifier	M	an	1/3	Must use

**Description:** To specify the dimensions applicable to each of the transportable units.

### Code Name

2 Package dimensions (incl. goods)

**CS Note:**

*dimension of the goods including the packaging*

9 Off-standard dimension general

**CS Note:**

*dimension that the cargo exceeds the standard dimension*

DIM020	C211	<b>DIMENSIONS</b>	M	Comp		Must use
--------	------	-------------------	---	------	--	----------

**Description:** Specification of the dimensions of a transportable unit.

6411	<b>Measure unit qualifier</b>	M	an	1/3	Must use
------	-------------------------------	---	----	-----	----------

**Description:** Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

### Code Name

FT Feet

MT Meter

6168	<b>Length dimension</b>	C	n	1/15	Used
------	-------------------------	---	---	------	------

**Description:** Length of pieces or packages stated for transport purposes.

6140	<b>Width dimension</b>	C	n	1/15	Used
------	------------------------	---	---	------	------

**Description:** Width of pieces or packages stated for transport purposes.

6008	<b>Height dimension</b>	C	n	1/15	Used
------	-------------------------	---	---	------	------

**Description:** Height of pieces or packages stated for transport purposes.

## Sample:

*DIM+2+FT:20:4:4'*

# Segment Group 15

Pos: 0620	Repeat: 9
Conditional	
Group: 15	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0630	DGS	DANGEROUS GOODS	M	1	Must use
0640	FTX	FREE TEXT	C	99	Used
0650		Segment Group 16	C	9	Used

# DGS DANGEROUS GOODS

Pos: 0630	Max: 1
Mandatory	
Group: 15	Elements: 13

**User Option (Usage):** Must use

**Purpose:** To identify dangerous goods.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DGS010	8273	<b>Dangerous goods regulations, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code indicating the regulation, international or national, applicable for a means of transport.				
		<b>Code Name</b>				
		IMD IMO IMDG code				
DGS020	C205	<b>HAZARD CODE</b>	C	Comp		Used
		<b>Description:</b> The identification of the dangerous goods in code.				
	8351	<b>Hazard code identification</b>	M	an	1/7	Must use
		<b>Description:</b> Dangerous goods code.				
	8078	<b>Hazard substance/item/page number</b>	C	an	1/7	Used
		<b>Description:</b> Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.				
	8092	<b>Hazard code version number</b>	C	an	1/10	Used
		<b>Description:</b> The version/revision number of date of issuance of the code used.				
DGS030	C234	<b>UNDG INFORMATION</b>	C	Comp		Used
		<b>Description:</b> Information on United Nations Dangerous Goods classification.				
	7124	<b>UNDG number</b>	C	n	4/4	Used
		<b>Description:</b> Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.				
*	7088	<b>Dangerous goods flashpoint</b>	C	an	1/8	Not used
		<b>Description:</b> Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air.				
DGS040	C223	<b>DANGEROUS GOODS SHIPMENT FLASHPOINT</b>	C	Comp		Used
		<b>Description:</b> Temperature at which a vapor according to ISO 1523/73 can be ignited.				
	7106	<b>Shipment flashpoint</b>	C	n	3/3	Used
		<b>Description:</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.				
	6411	<b>Measure unit qualifier</b>	C	an	1/3	Used
		<b>Description:</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				
		<b>Code Name</b>				
		CEL Celsius				
		FAH Fahrenheit				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DGS050	8339	<b>Packing group, coded</b>	C	an	1/3	Used
		<b>Description:</b> Identification of a packing group by code.				
		<b>Code</b>	<b>Name</b>			
		1	Great danger			
		2	Medium danger			
		3	Minor danger			
DGS060	8364	<b>EMS number</b>	C	an	1/6	Used
		<b>Description:</b> Emergency procedures for ships carrying dangerous goods.				
DGS070	8410	<b>MFAG</b>	C	an	1/4	Used
		<b>Description:</b> Medical first aid guide.				
* DGS080	8126	<b>Trem card number</b>	C	an	1/10	Not used
		<b>Description:</b> The identification of a transport emergency card giving advice for emergency actions.				
DGS090	C235	<b>HAZARD IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Identification of the Orange placard required on the means of transport.				
	8158	<b>Hazard identification number, upper part</b>	C	an	1/4	Used
		<b>Description:</b> The id. number for the Orange Placard (upper part) required on the means of transport.				
	8186	<b>Substance identification number, lower part</b>	C	an	4/4	Used
		<b>Description:</b> The number for the Orange Placard (lower part) required on the means of transport.				
DGS100	C236	<b>DANGEROUS GOODS LABEL</b>	C	Comp		Used
		<b>Description:</b> Markings identifying the type of hazardous goods and similar information.				
	8246	<b>Dangerous goods label marking</b>	C	an	1/4	Used
		<b>Description:</b> 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	1/4	Used
		<b>Description:</b> 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	1/4	Used
		<b>Description:</b> Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.				
* DGS110	8255	<b>Packing instruction, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.				
* DGS120	8325	<b>Category of means of transport, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous.				
* DGS130	8211	<b>Permission for transport, coded</b>	C	an	1/3	Not used

**Ref**      **Tag**      **Element Name**      **Status**   **Type**   **Min/Max**      **Usage**

**Description:** Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport.

**Sample:**

*DGS+IMD++2922++1+8-15+760+++8:6.1'*

# FTX FREE TEXT

Pos: 0640	Max: 99
Conditional	
Group: 15	Elements: 5

**User Option (Usage):** Used

**Purpose:** To provide free form or coded text information.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	<b>Text subject qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code specifying subject of a free text.				
		<b>Code Name</b>				
		AAC Dangerous goods additional information				
		AAD Dangerous goods, technical name				
* FTX020	4453	<b>Text function, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code specifying how to handle the text.				
* FTX030	C107	<b>TEXT REFERENCE</b>	C	Comp		Not used
		<b>Description:</b> Coded reference to a standard text and its source.				
*	4441	<b>Free text identification</b>	M	an	1/17	Not used
		<b>Description:</b> Free text in coded form.				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
FTX040	C108	<b>TEXT LITERAL</b>	C	Comp		Must use
		<b>Description:</b> Free text; one to five lines.				
	4440	<b>Free text</b>	M	an	1/70	Must use
		<b>Description:</b> Free text field available to the message sender for information.				
	4440	<b>Free text</b>	C	an	1/70	Used
		<b>Description:</b> Free text field available to the message sender for information.				
	4440	<b>Free text</b>	C	an	1/70	Used
		<b>Description:</b> Free text field available to the message sender for information.				
	4440	<b>Free text</b>	C	an	1/70	Used
		<b>Description:</b> Free text field available to the message sender for information.				
* FTX050	3453	<b>Language, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code of language (ISO 639-1988).				

## Sample:

FTX+AAC+++Additional Information of DG cgo'



# Segment Group 16

Pos: 0650	Repeat: 9
Conditional	
Group: 16	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0660	CTA	CONTACT INFORMATION	M	1	Must use
0670	COM	COMMUNICATION CONTACT	C	9	Used

# CTA CONTACT INFORMATION

Pos: 0660	Max: 1
Mandatory	
Group: 16	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To identify a person or a department to whom communication should be directed.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	<b>Contact function, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the function of a contact (e.g. department or person).				
		<b>Code Name</b>				
		HE Emergency dangerous goods contact				
CTA020	C056	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	C	Comp		Used
		<b>Description:</b> Code and/or name of a department or employee. Code preferred.				
*	3413	<b>Department or employee identification</b>	C	an	1/17	Not used
		<b>Description:</b> Internal identification code.				
	3412	<b>Department or employee</b>	C	an	1/35	Used
		<b>Description:</b> The department or person within an organizational entity.				

## Sample:

CTA+HE+:First Name, Last Name'

# COM COMMUNICATION CONTACT

Pos: 0670	Max: 9
Conditional	
Group: 16	Elements: 1

**User Option (Usage):** Used

**Purpose:** To identify a communication number of a department or a person to whom communication should be directed.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	<b>COMMUNICATION CONTACT</b>	M	Comp		Must use
		<b>Description:</b> Communication number of a department or employee in a specified channel.				
	3148	<b>Communication number</b>	M	an	1/512	Must use
		<b>Description:</b> The communication number.				
	3155	<b>Communication channel qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code identifying the type of communication channel being used.				
		<b>Code Name</b>				
		TE Telephone				

## Sample:

COM+1-000-000-0000:TE'

# Segment Group 18

Pos: 0710	Repeat: 999
Conditional	
Group: 18	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0720	EQD	EQUIPMENT DETAILS	M	1	Must use
0730	EQN	NUMBER OF UNITS	C	1	Must use
0750	MEA	MEASUREMENTS	C	9	Used
0810		Segment Group 19	C	9	Used

# EQD EQUIPMENT DETAILS

Pos: 0720	Max: 1
Mandatory	
Group: 18	Elements: 6

**User Option (Usage):** Must use

**Purpose:** To identify a unit of equipment.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
EQD010	8053	<b>Equipment qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code identifying type of equipment.				
		<b>Code Name</b>				
		CN		Container		
EQD020	C237	<b>EQUIPMENT IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Marks (letters and/or numbers) identifying equipment used for transport such as a container.				
	8260	<b>Equipment identification number</b>	C	an	1/17	Used
		<b>Description:</b> Marks (letters and/or numbers) which identify equipment e.g. unit load device.				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
*	3207	<b>Country, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of the name of a country or other geographical entity as specified in ISO 3166.				
EQD030	C224	<b>EQUIPMENT SIZE AND TYPE</b>	C	Comp		Used
		<b>Description:</b> Code and/or name identifying size and type of equipment used in transport. Code preferred.				
	8155	<b>Equipment size and type identification</b>	C	an	1/10	Used
		<b>Description:</b> Coded description of the size and type of equipment e.g. unit load device.				
*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Identification of a code list.				
*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code identifying the agency responsible for a code list.				
*	8154	<b>Equipment size and type</b>	C	an	1/35	Not used
		<b>Description:</b> Plain language description of the size and type of equipment e.g. unit load device.				
EQD040	8077	<b>Equipment supplier, coded</b>	C	an	1/3	Used
		<b>Description:</b> To indicate the party that is the supplier of the equipment.				
		<b>Code Name</b>				
		1		Shipper supplied		

**Code Name**

2 Carrier supplied

\* EQD050 8249 **Equipment status, coded** C an 1/3 Not used

**Description:** Indication of the action related to the equipment.

EQD060 8169 **Full/empty indicator, coded** C an 1/3 Must use

**Description:** To indicate the extent to which the equipment is full or empty.

**Code Name**

4 Empty

**Sample:**

*EQD+CN+CAIU2172607+22T0+2++4'*

# EQN NUMBER OF UNITS

Pos: 0730	Max: 1
Conditional	
Group: 18	Elements: 1

**User Option (Usage):** Must use

**Purpose:** To specify the number of units.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
EQN010	C523	<b>NUMBER OF UNIT DETAILS</b>	M	Comp		Must use
		<b>Description:</b> Identification of number of units and its purpose.				
	6350	<b>Number of units</b>	C	n	1/15	Must use
		<b>Description:</b> Number of units of a certain type.				
*	6353	<b>Number of units qualifier</b>	C	an	1/3	Not used
		<b>Description:</b> Indication of the objective of number of units information.				

## Sample:

EQN+1'

# MEA MEASUREMENTS

Pos: 0750	Max: 9
Conditional	
Group: 18	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify physical measurements, including dimension tolerances, weights and counts.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	<b>Measurement application qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Specification of the application of the physical measurement used.				
		<b>Code Name</b>				
		VOL Volume				
MEA020	C502	<b>MEASUREMENT DETAILS</b>	C	Comp		Used
		<b>Description:</b> Identification of measurement type.				
	6313	<b>Measurement dimension, coded</b>	C	an	1/3	Used
		<b>Description:</b> Specification of the type of dimension to be measured.				
		<b>Code Name</b>				
		AAS Air flow				
*	6321	<b>Measurement significance, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Code specifying the significance of a measurement value.				
*	6155	<b>Measurement attribute identification</b>	C	an	1/17	Not used
		<b>Description:</b> Code used to specify non-discrete measurement values.				
*	6154	<b>Measurement attribute</b>	C	an	1/70	Not used
		<b>Description:</b> To specify non-discrete measurement values.				
MEA030	C174	<b>VALUE/RANGE</b>	C	Comp		Used
		<b>Description:</b> Measurement value and relevant minimum and maximum tolerances in that order.				
	6411	<b>Measure unit qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				
		<b>Code Name</b>				
		CBM Cubic meters				
	6314	<b>Measurement value</b>	C	an	1/18	Used
		<b>Description:</b> Value of the measured unit.				
*	6162	<b>Range minimum</b>	C	n	1/18	Not used
		<b>Description:</b> Minimum of a range.				
*	6152	<b>Range maximum</b>	C	n	1/18	Not used
		<b>Description:</b> Maximum of a range.				
*	6432	<b>Significant digits</b>	C	n	1/2	Not used
		<b>Description:</b> To specify the number of significant digits.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* MEA040	7383	Surface/layer indicator, coded	C	an	1/3	Not used

**Description:** Code indicating the surface or layer of a product that is being described.

**Sample:**

MEA+VOL+AAS+CBM:5'

# Segment Group 19

Pos: 0810	Repeat: 9
Conditional	
Group: 19	Elements: N/A

User Option (Usage): Used

Purpose:

## Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0820	NAD	NAME AND ADDRESS	M	1	Must use
0830	DTM	DATE/TIME/PERIOD	C	1	Used

# NAD NAME AND ADDRESS

Pos: 0820	Max: 1
Mandatory	
Group: 19	Elements: 9

**User Option (Usage):** Must use

**Purpose:** To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party qualifier	M	an	1/3	Must use

**Description:** Code giving specific meaning to a party.

### Code Name

CK Empty pick-up

#### **CS Note:**

*It is the carrier's responsibility to provide empty pick-up address for outbound customer haulage pier-to-pier (TSR010 = 30) or pier-to-door (TSR010 = 29). However, this element is not mandatory.*

*DTM (DTM010\_2005 = 201) of group?19 is to contain the appointment date/time to pick-up?empty container.*

CU Full return

#### **CS Note:**

*It is the carrier's responsibility to provide full return address for outbound customer haulage pier-to-pier (TSR010 = 30) or pier-to-door (TSR010 = 29). However, this element is not mandatory.*

*DTM (DTM010\_2005 = 116) of group?19 is to contain the appointment date/time for full return.*

SF Ship from

#### **CS Note:**

*It is the carrier's responsibility to provide Ship From (full container pick-up) address for carrier haulage door-to-door (TSR010 = 27) or door-to-pier (TSR010 = 28). However, this element is not mandatory.*

*DTM (DTM010\_2005 = 201) of group?19 is to contain the appointment date/time to pick-up full container.*

ST Ship to

#### **CS Note:**

*It is the carrier's responsibility to provide Ship To (full container delivery) address for carrier haulage door-to-door (TSR010 = 27) or pier-to-door (TSR010 = 29). However, this element is not mandatory.*

*DTM (DTM010\_2005 = 17) of group?19 is to contain the appointment date/time to deliver full container.*

* NAD020	C082	<b>PARTY IDENTIFICATION DETAILS</b>	C	Comp		Not used
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**Description:** Identification of a transaction party by code.

	3039	<b>Party id. identification</b>	M	an	1/35	Must use
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**Description:** Code identifying a party involved in a transaction.

*	1131	<b>Code list qualifier</b>	C	an	1/3	Not used
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**Description:** Identification of a code list.

*	3055	<b>Code list responsible agency, coded</b>	C	an	1/3	Not used
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**Description:** Code identifying the agency responsible for a code list.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD030	C058	<b>NAME AND ADDRESS</b>	C	Comp		Not used
		<b>Description:</b> Unstructured name and address: one to five lines.				
		<b>CS Note:</b> <i>As no CTA and COM?are available for contact information in industry standard, NAD030 is used by CargoSmart for contact information.</i>				
	3124	<b>Name and address line</b>	M	an	1/35	Not used
		<b>Description:</b> Free form name and address description.				
		<b>CS Note:</b> <i>First name of contact person</i>				
	3124	<b>Name and address line</b>	C	an	1/35	Not used
		<b>Description:</b> Free form name and address description.				
		<b>CS Note:</b> <i>Last name of contact person</i>				
	3124	<b>Name and address line</b>	C	an	1/35	Not used
		<b>Description:</b> Free form name and address description.				
		<b>CS Note:</b> <i>Country code of contact phone</i>				
	3124	<b>Name and address line</b>	C	an	1/35	Not used
		<b>Description:</b> Free form name and address description.				
		<b>CS Note:</b> <i>Area code of contact phone</i>				
	3124	<b>Name and address line</b>	C	an	1/35	Not used
		<b>Description:</b> Free form name and address description.				
		<b>CS Note:</b> <i>Contact phone number</i>				
NAD040	C080	<b>PARTY NAME</b>	C	Comp		Must use
		<b>Description:</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.				
	3036	<b>Party name</b>	M	an	1/35	Must use
		<b>Description:</b> Name of a party involved in a transaction.				
	3036	<b>Party name</b>	C	an	1/35	Used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3036	<b>Party name</b>	C	an	1/35	Not used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3036	<b>Party name</b>	C	an	1/35	Not used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3036	<b>Party name</b>	C	an	1/35	Not used
		<b>Description:</b> Name of a party involved in a transaction.				
*	3045	<b>Party name format, coded</b>	C	an	1/3	Not used
		<b>Description:</b> Specification of the representation of a party name.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD050	C059	<b>STREET</b>	C	Comp		Used
		<b>Description:</b> Street address and/or PO Box number in a structured address: one to three lines.				
	3042	<b>Street and number/p.o. box</b>	M	an	1/35	Must use
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
*	3042	<b>Street and number/p.o. box</b>	C	an	1/35	Not used
		<b>Description:</b> Street and number in plain language, or Post Office Box No.				
NAD060	3164	<b>City name</b>	C	an	1/35	Used
		<b>Description:</b> Name of a city (a town, a village) for addressing purposes.				
NAD070	3229	<b>Country sub-entity identification</b>	C	an	1/9	Used
		<b>Description:</b> Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
NAD080	3251	<b>Postcode identification</b>	C	an	1/9	Used
		<b>Description:</b> Code defining postal zones or addresses.				
NAD090	3207	<b>Country, coded</b>	C	an	1/3	Used
		<b>Description:</b> Identification of the name of a country or other geographical entity as specified in ISO 3166.				

**CS Note:**

*If some EQD have inner group 19 but some don't have in a transaction, CargoSmart use the last one as default.*

**Sample:**

*NAD+CK+CIW06++Shenzhen ABCDEFG Logistics Co.++ChiWan+++CN'*

# DTM DATE/TIME/PERIOD

Pos: 0830	Max: 1
Conditional	
Group: 19	Elements: 1

**User Option (Usage):** Used

**Purpose:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		Must use

**Description:** Date and/or time, or period relevant to the specified date/time/period type.

2005		Date/time/period qualifier	M	an	1/3	Must use
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**Description:** Code giving specific meaning to a date, time or period.

### Code Name

17 Delivery date/time, estimated

#### **CS Note:**

*This is the estimated date/time when carrier deliver full container for inbound carrier haulage door-to-door (TSR010 = 27) or pier-to-door(TSR010 = 29). NAD segment with NAD010 = ST in group?19 is for the location of full container delivery.*

*It is the carrier's responsibility to provide the date/time of full container delivery. However, this element is not mandatory.*

116 Equipment return period, expected

201 Pick-up date/time of equipment

#### **CS Note:**

*This is the estimated date/time when carrier pick-up full container for outbound carrier haulage door-to-door (TSR010 = 27) or door-to-pier(TSR010 = 28) at place of receipt (LOC010 = 88).*

*NAD segment with NAD010 = SF in group?19 is for the location of full container pick-up.*

*It is the carrier's responsibility to provide the date/time of full container pick-up. However, this element is not mandatory.*

2380		Date/time/period	C	an	1/35	Used
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**Description:** 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	1/3	Used
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**Description:** Specification of the representation of a date, a date and time or of a period.

### Code Name

102 CCYMMDD

203 CCYMMDDHHMM

## Sample:

DTM+201:200706171200:203'

# UNT MESSAGE TRAILER

Pos: 0840	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To end and check the completeness of a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	<b>Number of segments in a message</b>	M	n	1/6	Must use
<b>Description:</b> Control count of number of segments in a message.						
UNT020	0062	<b>Message reference number</b>	M	an	1/14	Must use
<b>Description:</b> Unique message reference assigned by the sender.						

## Sample:

*UNT+41+99900001'*

# UNE FUNCTIONAL GROUP TRAILER

Pos:	Max: 1
	Conditional
Group:	Elements: 2
N/A	

**User Option (Usage):** Used

**Purpose:** To end and check the completeness of a functional group.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNE010	0060	<b>Number of messages</b>	M	n	1/6	Must use
		<b>Description:</b> A count of the number of messages in a functional group.				
UNE020	0048	<b>Functional group reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Reference number for the functional group assigned by and unique within the sender's division, department etc.				

## Sample:

UNE+1+999'

# UNZ INTERCHANGE TRAILER

Pos:	Max: 1
Mandatory	
Group:	Elements: 2
N/A	

**User Option (Usage):** Must use

**Purpose:** To end and check the completeness of an interchange.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	<b>Interchange control count</b>	M	n	1/6	Must use
<b>Description:</b> Count either of the number of messages or, if used, of the number of functional groups in an interchange.						
UNZ020	0020	<b>Interchange control reference</b>	M	an	1/14	Must use
<b>Description:</b> Unique reference assigned by the sender to an interchange.						

## Sample:

UNZ+1+3157'