

EDIFACT IFTSTA D96B (Cargo Tracking) Implementation Guide

Version: 4.3

Company:

CargoSmart Limited

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IFTSTA

International multimodal status report message

Message Status=1

Purpose: A message to report the transport status and/or a change in the transport status (i.e. event) between agreed parties.

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
	UNB	INTERCHANGE HEADER	M	1		Must use	6
	UNG	FUNCTIONAL GROUP HEADER	C	1		Used	9
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use	12
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use	14
0030	DTM	DATE/TIME/PERIOD	C	9	N1/0030	Must use	16

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0040	TSR	TRANSPORT SERVICE REQUIREMENTS	C	1	N0/0040	Not Used	N/A
* 0050		Segment Group 1	C	9	N0/0050	Not used	N/A
0060	NAD	NAME AND ADDRESS	M	1	N0/0060	Must use	N/A
0070		Segment Group 2	C	9	N0/0070	Used	N/A
0080	CTA	CONTACT INFORMATION	M	1	N0/0080	Must use	N/A
0090	COM	COMMUNICATION CONTACT	C	9	N0/0090	Used	N/A
* 0100		Segment Group 3	C	9	N0/0100	Not used	N/A
0110	RFF	REFERENCE	M	1	N0/0110	Must use	N/A
0120	DTM	DATE/TIME/PERIOD	C	1	N0/0120	Used	N/A
* 0130	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N0/0130	Not Used	N/A
* 0140	FTX	FREE TEXT	C	9	N0/0140	Not Used	N/A
* 0150	CNT	CONTROL TOTAL	C	9	N0/0150	Not Used	N/A

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0160		Segment Group 4	C	999	N2/0160	Must use	17
0170	CNI	CONSIGNMENT INFORMATION	M	1	N2/0170	Must use	18

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0180	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N0/0180	Not Used	N/A
* 0190	CNT	CONTROL TOTAL	C	9	N0/0190	Not Used	N/A

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0200		Segment Group 5	M	99	N2/0200	Must use	19
0210	STS	STATUS	M	1	N2/0210	Must use	20
0220	RFF	REFERENCE	C	9	N2/0220	Must use	24
0230	DTM	DATE/TIME/PERIOD	C	9	N2/0230	Must use	25

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0240	DOC	DOCUMENT/MESSAGE DETAILS	C	1	N0/0240	Not Used	N/A
* 0250	FTX	FREE TEXT	C	9	N0/0250	Not Used	N/A

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0260	NAD	NAME AND ADDRESS	C	9	N2/0260	Used	27
0270	LOC	PLACE/LOCATION IDENTIFICATION	C	1	N2/0270	Used	30

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0280	PCI	PACKAGE IDENTIFICATION	C	99	N0/0280	Not Used	N/A

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0290		Segment Group 6	C	99	N2/0290	Must use	32
0300	TDT	DETAILS OF TRANSPORT	M	1	N2/0300	Must use	33

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0310	RFF	REFERENCE	C	9	N0/0310	Not Used	N/A

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0320	LOC	PLACE/LOCATION IDENTIFICATION	C	9	N2/0320	Used	36
0330	DTM	DATE/TIME/PERIOD	C	9	N2/0330	Used	38
0340		Segment Group 7	C	99	N2/0340	Must use	39
0350	EQD	EQUIPMENT DETAILS	M	1	N2/0350	Must use	40

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0360	MEA	MEASUREMENTS	C	9	N0/0360	Not Used	N/A
* 0370	DIM	DIMENSIONS	C	9	N0/0370	Not Used	N/A

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0380	SEL	SEAL NUMBER	C	9	N2/0380	Used	42

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 0390	TPL	TRANSPORT PLACEMENT	C	9	N0/0390	Not Used	N/A
* 0400		Segment Group 8	C	99	N0/0400	Not used	N/A
0410	EQA	ATTACHED EQUIPMENT	M	1	N0/0410	Must use	N/A
0420	SEL	SEAL NUMBER	C	9	N0/0420	Used	N/A
* 0430		Segment Group 9	C	99	N0/0430	Not used	N/A
0440	GID	GOODS ITEM DETAILS	M	1	N0/0440	Must use	N/A
0450	HAN	HANDLING INSTRUCTIONS	C	9	N0/0450	Used	N/A
0460	SGP	SPLIT GOODS PLACEMENT	C	99	N0/0460	Used	N/A
0470	DGS	DANGEROUS GOODS	C	9	N0/0470	Used	N/A
0480	FTX	FREE TEXT	C	9	N0/0480	Used	N/A
0490		Segment Group 10	C	99	N0/0490	Used	N/A
0500	MEA	MEASUREMENTS	M	1	N0/0500	Must use	N/A
0510	EQN	NUMBER OF UNITS	C	1	N0/0510	Used	N/A
0520		Segment Group 11	C	99	N0/0520	Used	N/A
0530	DIM	DIMENSIONS	M	1	N0/0530	Must use	N/A
0540	EQN	NUMBER OF UNITS	C	1	N0/0540	Used	N/A
0550		Segment Group 12	C	99	N0/0550	Used	N/A
0560	PCI	PACKAGE IDENTIFICATION	M	1	N0/0560	Must use	N/A
0570	GIN	GOODS IDENTITY NUMBER	C	9	N0/0570	Used	N/A

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Statu</u> <u>s</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0580	UNT	MESSAGE TRAILER	M	1	N3/0580	Must use	43
	UNE	FUNCTIONAL GROUP TRAILER	C	1		Used	44
	UNZ	INTERCHANGE TRAILER	M	1		Must use	45

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/untddid/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:

Ver. No.	Ver. Date	Revised By	Description of change(s)
4.3	02Jan'08	CargoSmart Integration Team	Update setting to print the exclude segment/element
4.2	19Dec'07	CargoSmart Integration Team	Added seal type code in Group7 SEL_C215_9303
4.1	11Nov'07	CargoSmart Integration Team	Corrected Group5 RFF_C506_1153 BN from Mandatory to Conditional
4.0	11Nov'07	CargoSmart Integration Team	Corrected code in Group5 RFF010_1153 Add CS Note for Group5 LOC020 Add CS Note for Group6 LOC020 Correct Usage from Must Use to Used in Group6 LOC020_3225, LOC020_3055 and LOC030_3222

3.0	04Oct'07	CargoSmart Integration Team	Reviewed IG
2.0.1	12Jan'07	CargoSmart Integration Team	Set SEL of group 7 optional
2.0	28Aug'06	CargoSmart Integration Team	Revised the presentation
1.4	23May'03	CargoSmart Integration Team	Corrected UNB_S004_0019's label from "Interchange Control Number" to "Time of Preparation"
1.0	12Aug'02	CargoSmart Integration Team	Initial Release

UNB INTERCHANGE HEADER

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

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	SYNTAX IDENTIFIER	M	Comp		Must use
		Description: Identification of the agency controlling the syntax and indication of syntax level.				
	0001	Syntax identifier	M	a	4/4	Must use
		Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange.				
		Code	Name			
		UNOA	UN/ECE level A			
		UNOB	UN/ECE level B			
		UNOC	UN/ECE level C			
	0002	Syntax version number	M	n	1/1	Must use
		Description: Version number of the syntax identified in the syntax identifier (0001).				
UNB020	S002	INTERCHANGE SENDER	M	Comp		Must use
		Description: Identification of the sender of the interchange.				
	0004	Sender identification	M	an	1/35	Must use
		Description: Name or coded representation of the sender of a data interchange.				
		Code	Name			
		YOUR_ID	Your Interchange ID			
		CS Note:				
		<i>If you are sender</i>				
		CARGOSM	CargoSmart Interchange ID			
		ART				
		CS Note:				
		<i>If CargoSmart is sender</i>				
	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:				
		<i>If CargoSmart is sender</i>				
		ZZ	Your Interchange ID Qualifier			
		CS Note:				
		<i>If you are sender</i>				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	0008	Address for reverse routing	C	an	1/14	Used
		Description: Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.				
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp		Must use
		Description: Identification of the recipient of the interchange.				
	0010	Recipient identification	M	an	1/35	Must use
		Description: Name or coded representation of the recipient of a data interchange.				
		Code		Name		
		YOUR_ID		Your Interchange ID		
				CS Note:		
				<i>If you are recipient</i>		
		CARGOSM ART		CargoSmart Interchange ID		
				CS Note:		
				<i>If CargoSmart is recipient</i>		
	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:		
				<i>If CargoSmart is recipient</i>		
		ZZ		Your Interchange ID Qualifier		
				CS Note:		
				<i>If you are recipient</i>		
	0014	Routing address	C	an	1/14	Used
		Description: 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	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.				
UNB050	0020	Interchange control reference	M	an	1/14	Must use
		Description: Unique reference assigned by the sender to an interchange.				
UNB060	S005	RECIPIENTS REFERENCE PASSWORD	C	Comp		Used
		Description: Reference or password as agreed between the communicating partners.				
	0022	Recipient's reference/password	M	an	1/14	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>
		Description: 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	Recipient's reference/password qualifier	C	an	2/2	Used
		Description: Qualifier for the recipient's reference or password.				
		Code Name				
		AA Reference				
		BB Password				
UNB070	0026	Application reference	C	an	1/14	Used
		Description: 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	Processing priority code	C	a	1/1	Used
		Description: Code determined by the sender requesting processing priority for the interchange.				
		Code Name				
		A Highest priority				
UNB090	0031	Acknowledgement request	C	n	1/1	Used
		Description: Code determined by the sender for acknowledgement of the interchange.				
		Code Name				
		1 Requested				
UNB100	0032	Cummunications agreement ID	C	an	1/35	Used
		Description: Identification by name or code of the type of agreement under which the interchange takes place.				
UNB110	0035	Test indicator	C	n	1/1	Used
		Description: Indication that the interchange is a test.				
		Code Name				
		1 Interchange is a test				

Sample:

UNB+UNOC:2+YOUR_ID:ZZ+CARGOSMART:01+070618:1742+3137'

UNG FUNCTIONAL GROUP HEADER

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

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	Functional group identification	M	an	1/6	Must use

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

Code Name

IFTSTA Cargo Tracking

UNG020	S006	APPLICATION SENDER'S IDENTIFICATION	M	Comp		Must use
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Description: Identification of the sender's division, department etc. from which a group of messages is sent.

0040		Application sender's identification	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 sender

CARGOSM CargoSmart Interchange ID
ART

CS Note:

If CargoSmart is sender

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 sender

ZZ Your Interchange ID Qualifier

CS Note:

If you are sender

UNG030	S007	APPLICATION RECIPIENTS IDENTIFICATION	M	Comp		Must use
--------	------	---------------------------------------	---	------	--	----------

Description: Identification of the recipient's division, department etc. for which a group of messages is intended.

0044		Application recipient's identification	M	an	1/35	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>
------------	------------	---------------------	---------------	-------------	----------------	--------------

Description: Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.

<u>Code</u>	<u>Name</u>
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YOUR_ID	Your Interchange ID
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CS Note:
If you are recipient

CARGOSM ART	CargoSmart Interchange ID
----------------	---------------------------

CS Note:
If CargoSmart is 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.

<u>Code</u>	<u>Name</u>
-------------	-------------

01	CargoSmart Interchange ID Qualifier
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CS Note:
If CargoSmart is recipient

ZZ	Your Interchange ID Qualifier
----	-------------------------------

CS Note:
If you are 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.

<u>Code</u>	<u>Name</u>
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UN	UN/CEFACT
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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

Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

UNG080 0058 **Application password** C an 1/14 Used

Description: Password to the recipient's division, department or sectional system.

Sample:

UNG+IFTMBF+YOUR_ID:ZZ+CARGOSMART:01+070601:1457+9+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	Message reference number	M	an	1/14	Must use	
		Description: Unique message reference assigned by the sender.					
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		Must use	
		Description: Identification of the type, version etc. of the message being interchanged.					
	0065	Message type identifier	M	an	1/6	Must use	
		Description: Code identifying a type of message and assigned by its controlling agency.					
		<u>Code</u>	<u>Name</u>				
		IFTSTA	International multimodal status report message				
	0052	Message type version number	M	an	1/3	Must use	
		Description: Version number of a message type.					
		<u>Code</u>	<u>Name</u>				
		D	Draft version				
	0054	Message type release number	M	an	1/3	Must use	
		Description: Release number within the current message type version number (0052).					
		<u>Code</u>	<u>Name</u>				
		96B	Release 1996 - B				
	0051	Controlling agency	M	an	1/2	Must use	
		Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.					
		<u>Code</u>	<u>Name</u>				
		UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)				
*	0057	Association assigned code	C	an	1/6	Not used	
		Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.					
*	UNH030	0068	Common access reference	C	an	1/35	Not used
		Description: Reference serving as a key to relate all subsequent transfers of data to the same business case or file.					
*	UNH040	S010	STATUS OF THE TRANSFER	C	Comp	Not used	
		Description: Statement that the message is one in a sequence of transfers 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>
*	0070	Sequence message transfer number	M	n	1/2	Not used
		Description: Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.				
*	0073	First/last sequence message transfer indication	C	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+99000001+IFTSTA: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	DOCUMENT/MESSAGE NAME	C	Comp		Must use
		Description: Identification of a type of document/message by code or name. Code preferred.				
	1001	Document/message name, coded	C	an	1/3	Must use
		Description: Document/message identifier expressed in code.				
		<u>Code</u> <u>Name</u>				
		23 Status information				
*	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.				
	1000	Document/message name	C	an	1/35	Used
		Description: Plain language identifier specifying the function of a document/message.				
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Used
		Description: Identification of a document/message by its number and eventually its version or revision.				
	1004	Document/message number	C	an	1/35	Used
		Description: Reference number assigned to the document/message by the issuer.				
*	1056	Version	C	an	1/9	Not used
		Description: To specify the version number or name of an object.				
*	1060	Revision number	C	an	1/6	Not used
		Description: To specify a revision number.				
BGM030	1225	Message function, coded	C	an	1/3	Must use
		Description: Code indicating the function of the message.				
		<u>Code</u> <u>Name</u>				
		9 Original				
* BGM040	4343	Response type, coded	C	an	1/3	Not used
		Description: Code specifying the type of acknowledgment required or transmitted.				

Sample:

BGM+23::IFTSTA+12107559+9'

DTM DATE/TIME/PERIOD

Pos: 0030	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		Date/time/period qualifier	M	an	1/3	Must use
		Description: Code giving specific meaning to a date, time or period.				
		Code Name				
		137				Document/message date/time
2380		Date/time/period	C	an	1/35	Must use
		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
		Description: Specification of the representation of a date, a date and time or of a period.				
		Code Name				
		203				CCYYMMDDHHMM

Sample:

DTM+137:200706181444:203'

Segment Group 4

Pos: 0160	Repeat: 999
Conditional	
Group: 4	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>
0170	CNI	CONSIGNMENT INFORMATION	M	1	Must use
0200		Segment Group 5	M	99	Must use

CNI CONSIGNMENT INFORMATION

Pos: 0170	Max: 1
Mandatory	
Group: 4	Elements: 3

User Option (Usage): Must use

Purpose: To identify one consignment.

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>
CNI010	1490	Consolidation item number	C	n	1/4	Must use
		Description: Serial number differentiating each separate consignment included in the consolidation.				
* CNI020	C503	DOCUMENT/MESSAGE DETAILS	C	Comp		Not used
		Description: Identification of document/message by number, status, source and/or language.				
*	1004	Document/message number	C	an	1/35	Not used
		Description: Reference number assigned to the document/message by the issuer.				
*	1373	Document/message status, coded	C	an	1/3	Not used
		Description: To identify the status of a document/message.				
*	1366	Document/message source	C	an	1/35	Not used
		Description: Indication of the source from which the printed information is to be or has been obtained.				
*	3453	Language, coded	C	an	1/3	Not used
		Description: Code of language (ISO 639-1988).				
* CNI030	1312	Consignment load sequence number	C	n	1/4	Not used
		Description: To indicate the sequence of loading in which the consignments are loaded in a piece of equipment or in a means of transport (e.g. truck).				

Sample:

CNI+1'

Segment Group 5

Pos: 0200	Repeat: 99
Mandatory	
Group: 5	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>
0210	STS	STATUS	M	1	Must use
0220	RFF	REFERENCE	C	9	Must use
0230	DTM	DATE/TIME/PERIOD	C	9	Must use
0260	NAD	NAME AND ADDRESS	C	9	Used
0270	LOC	PLACE/LOCATION IDENTIFICATION	C	1	Used
0290		Segment Group 6	C	99	Must use
0340		Segment Group 7	C	99	Must use

STS STATUS

Pos: 0210	Max: 1
Mandatory	
Group: 5	Elements: 7

User Option (Usage): Must use

Purpose: To specify the type of industry sector/application to which this segment refers, giving the status and status reason relevant to conducting business and/or services.

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>
STS010	C601	STATUS TYPE	C	Comp		Used
		Description: To specify the type of status in relation to an industry sector or business function.				
	9015	Status type, coded	M	an	1/3	Must use
		Description: Code identifying the type of status event.				
		Code Name				
		1 Transport				
	1131	Code list qualifier	C	an	1/3	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				
		6 UN/ECE (United Nations - Economic Commission for Europe)				
STS020	C555	STATUS EVENT	C	Comp		Must use
		Description: To specify a status event.				
	9011	Status event, coded	M	an	1/3	Must use
		Description: Code identifying a status event.				
		Code Name				
		D Actual Door Delivery				
		I Arrival at First Port of Load				
		AE Loaded on Board at First Port of Load				
		AF Actual Door Pickup				
		AL First Loaded on Rail Under Outbound				
		AM Loaded on Truck				
		AR Arrival at Last Intermodal Hub				
		CR Carrier Released				
		CT Customs Released				
		CU Carrier and Customs Released				
		EE Empty Container Picked Up				
		NO Freight Charges Settled				
		OA Full Container Received by Carrier at Origin				
		PA Customs Hold				

Code Name

RD Empty Container Returned to Carrier at Destination
RL Departure from First Intermodal Hub
UR Last Deramp Under Inbound
UV Discharged from Vessel at Last Port of Discharge
VA Last Vessel Arrival
VD First Vessel Departure
W1 Gate Out Full at Inland Terminal
W2 Gate In Full at Inland Terminal
W3 Equipment Delayed due to Transportation
W4 Arrived at facility
W5 Departed from facility
W6 Loaded at Port
W7 Vessel Arrival at Port
W8 Discharged from Vessel at Port of Discharge
X1 Full container received by carrier
X2 Vessel Departure
X3 Container Repacked
X4 Container Vanned at Origin
X5 Container Devanned at Origin
X6 Container Vanned at Destination
X7 Container Devanned at Destination
X8 Container Transferred
X9 Carrier Held
Y1 Container Available
Y2 Arrival at Intermodal Hub by Rail
Y3 Loaded on Rail
Y4 Rail Move
Y5 Loaded
Y7 Discharged
Y9 Container Picked up from Port of Discharge/Transshipment Port
Z1 Last Deramp under Outbound
Z2 Transshipment Vessel Arrival
Z3 Loaded at Port of Transshipment
Z4 Discharged at Port of Transshipment
Z5 Transshipment Vessel Departure
Z6 Intermodal Departure from Last Port of Discharge
Z7 First Loaded on Rail Under Inbound
Z8 Picked up at Final Destination for Delivery

1131 **Code list qualifier** C an 1/3 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

6 UN/ECE (United Nations - Economic Commission for Europe)

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	9010	Status event	C	an	1/35	Used
		Description: Description of a status event.				
* STS030	C556	STATUS REASON	C	Comp		Not used
		Description: To specify the reason behind a status event.				
*	9013	Status reason, coded	M	an	1/3	Not used
		Description: Code identifying the reason behind a status event.				
*	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.				
*	9012	Status reason	C	an	1/35	Not used
		Description: Provides the reason behind a status event.				
* STS040	C556	STATUS REASON	C	Comp		Not used
		Description: To specify the reason behind a status event.				
*	9013	Status reason, coded	M	an	1/3	Not used
		Description: Code identifying the reason behind a status event.				
*	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.				
*	9012	Status reason	C	an	1/35	Not used
		Description: Provides the reason behind a status event.				
* STS050	C556	STATUS REASON	C	Comp		Not used
		Description: To specify the reason behind a status event.				
*	9013	Status reason, coded	M	an	1/3	Not used
		Description: Code identifying the reason behind a status event.				
*	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.				
*	9012	Status reason	C	an	1/35	Not used
		Description: Provides the reason behind a status event.				
* STS060	C556	STATUS REASON	C	Comp		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>
		Description: To specify the reason behind a status event.				
*	9013	Status reason, coded	M	an	1/3	Not used
		Description: Code identifying the reason behind a status event.				
*	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.				
*	9012	Status reason	C	an	1/35	Not used
		Description: Provides the reason behind a status event.				
* STS070	C556	STATUS REASON	C	Comp		Not used
		Description: To specify the reason behind a status event.				
*	9013	Status reason, coded	M	an	1/3	Not used
		Description: Code identifying the reason behind a status event.				
*	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.				
*	9012	Status reason	C	an	1/35	Not used
		Description: Provides the reason behind a status event.				

Sample:

STS+1::6+CR::6'

RFF REFERENCE

Pos: 0220	Max: 9
Conditional	
Group: 5	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
		Description: Code giving specific meaning to a reference segment or a reference number.				
		CS Note: <i>Either Booking Number BN or Bill of Lading Number BM must be provided.</i>				
		<u>Code</u>	<u>Name</u>			
		BM	Bill of Lading Number			
		BN	Booking Number			
		EQ	Container Number			
		FN	Forwarder's Reference Number			
		IN	Invoice Number			
		PO	Purchase Order			
		SC	Service Contract Number			
		SI	Shipper's Identifying Number for Shipment (SID)			
		SO	SO Number			
		SR	Shipper Reference Number			
		VT	Motor Vehicle Number			
		AAQ	Container Number			
		AAZ	Shipment Carrier SCAC			
1154		Reference number	C	an	1/35	Must use
		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
		Description: Number of the line in the document/message referenced in 1154 Reference number.				
*	4000	Reference version number	C	an	1/35	Not used
		Description: To uniquely identify a reference by its revision number.				

Sample:

RFF+BM:1234567809'

RFF+BN:1234567809'

DTM DATE/TIME/PERIOD

Pos: 0230	Max: 9
Conditional	
Group: 5	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		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

35 Delivery date/time, actual

132 Arrival date/time, estimated

CS Note:

if STS201=VA and actual date is not available.

178 Arrival date/time, actual

CS Note:

if STS201=VA

186 Departure date/time, actual

CS Note:

if STS201=AE

196 Departure date/time, earliest

CS Note:

if STS201=Z3

231 Arrival date/time, earliest

CS Note:

if STS201=Z6

334 Status change date/time

2380		Date/time/period	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		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 CCYYMMDD

203 CCYYMMDDHHMM

CS Note:

for DTM101=231, 334, 196, 178, 186 or 35

CS Note:

This element is the date time when the event happened.

Sample:

DTM+334:200706180349:203'

NAD NAME AND ADDRESS

Pos: 0260	Max: 9
Conditional	
Group: 5	Elements: 9

User Option (Usage): Used

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						
CA Carrier						
Usage:						
Must use						
CN Consignee						
CZ Shipper						
FW Forwarder						
NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Must use
Description: Identification of a transaction party by code.						
	3039	Party id. identification	M	an	1/35	Must use
Description: Code identifying a party involved in a transaction.						
CS Note:						
<i>This element should be carrier SCAC code if party qualifier (NAD010) is CA; For other qualifiers, this element should be carrier customer code; which has no more than 10 chars; At least one of shipper, consignee and forwarder should be provided.</i>						
*	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.						
* NAD030	C058	NAME AND ADDRESS	C	Comp		Not used
Description: Unstructured name and address: one to five lines.						
*	3124	Name and address line	M	an	1/35	Not used
Description: Free form name and address description.						
*	3124	Name and address line	C	an	1/35	Not used
Description: Free form name and address description.						
*	3124	Name and address line	C	an	1/35	Not used
Description: Free form name and address description.						
*	3124	Name and address line	C	an	1/35	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>
		Description: Free form name and address description.				
*	3124	Name and address line	C	an	1/35	Not used
		Description: Free form name and address description.				
* NAD040	C080	PARTY NAME	C	Comp		Not used
		Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.				
*	3036	Party name	M	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3036	Party name	C	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3036	Party name	C	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3036	Party name	C	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3036	Party name	C	an	1/35	Not used
		Description: Name of a party involved in a transaction.				
*	3045	Party name format, coded	C	an	1/3	Not used
		Description: Specification of the representation of a party name.				
* NAD050	C059	STREET	C	Comp		Not used
		Description: Street address and/or PO Box number in a structured address: one to three lines.				
*	3042	Street and number/p.o. box	M	an	1/35	Not used
		Description: Street and number in plain language, or Post Office Box No.				
*	3042	Street and number/p.o. box	C	an	1/35	Not used
		Description: Street and number in plain language, or Post Office Box No.				
*	3042	Street and number/p.o. box	C	an	1/35	Not used
		Description: Street and number in plain language, or Post Office Box No.				
*	3042	Street and number/p.o. box	C	an	1/35	Not used
		Description: Street and number in plain language, or Post Office Box No.				
* NAD060	3164	City name	C	an	1/35	Not used
		Description: Name of a city (a town, a village) for addressing purposes.				
* NAD070	3229	Country sub-entity identification	C	an	1/9	Not used
		Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
* NAD080	3251	Postcode identification	C	an	1/9	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>
		Description: Code defining postal zones or addresses.				
* NAD090	3207	Country, coded	C	an	1/3	Not used
		Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.				

Sample:

NAD+CZ+5971984123'
 NAD+FW+5971984123'
 NAD+CA+OOLU'

LOC PLACE/LOCATION IDENTIFICATION

Pos: 0270	Max: 1
Conditional	
Group: 5	Elements: 5

User Option (Usage): Used

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
		Description: Code identifying the function of a location.				
		Code Name				
		ZZ		Event Location		
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Must use
		Description: Identification of a location by code or name.				
		CS Note: <i>Either location code LOC020_3225 or location name LOC020_3224 must be provided.</i>				
	3225	Place/location identification	C	an	1/25	Used
		Description: Identification of the name of place/location, other than 3164 City name.				
		CS Note:				
		<i>If STS201=D or UR or AR, this is the "Place of Delivery"</i>				
		<i>If STS201=AE or Z3, this is the "Port of Loading"</i>				
		<i>If STS201=UV or VA or Z6 or Z4, this is the "Port of Discharge"</i>				
	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list.				
		Code Name				
		139		Port		
		229		Inland location		
	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)		
		6		UN/ECE (United Nations - Economic Commission for Europe)		
		ZZZ		Mutually defined		
	3224	Place/location	C	an	1/70	Used
		Description: Name of place/location, other than 3164 City name.				
LOC030	C519	RELATED LOCATION ONE IDENTIFICATION	C	Comp		Used
		Description: Identification the first related location by code or name.				
	3223	Related place/location one identification	C	an	1/25	Used

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

CS Note:

This element is the location where the event happened.

Sample:

LOC+ZZ+AUSYD:139:6+AUSYD:145:6:Sydney+AU:162:6:AUSTRALIA'

Segment Group 6

Pos: 0290	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>
0300	TDT	DETAILS OF TRANSPORT	M	1	Must use
0320	LOC	PLACE/LOCATION IDENTIFICATION	C	9	Used
0330	DTM	DATE/TIME/PERIOD	C	9	Used

TDT DETAILS OF TRANSPORT

Pos: 0300	Max: 1
Mandatory	
Group: 6	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	Transport stage qualifier	M	an	1/3	Must use
		Description: Qualifier giving a specific meaning to the transport details.				
		Code Name				
		20 Main carriage (first)				
		22 Main carriage (second)				
		23 Main carriage (third)				
		Z1 Main carriage (fourth)				
		Z2 Main carriage (fifth)				
TDT020	8028	Conveyance reference number	C	an	1/17	Used
		Description: Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).				
TDT030	C220	MODE OF TRANSPORT	C	Comp		Used
		Description: Method of transport code or name. Code preferred.				
	8067	Mode of transport, coded	C	an	1/3	Used
		Description: Coded method of transport used for the carriage of the goods.				
		Code Name				
		1 Ocean				
	8066	Mode of transport	C	an	1/17	Used
		Description: Method of transport used for the carriage of the goods.				
* TDT040	C228	TRANSPORT MEANS	C	Comp		Not used
		Description: Code and/or name identifying the type of means of transport.				
*	8179	Type of means of transport identification	C	an	1/8	Not used
		Description: Code defining the type of the means of transport being utilized.				
*	8178	Type of means of transport	C	an	1/17	Not used
		Description: Description of the type of the means of transport being utilized.				
TDT050	C040	CARRIER	C	Comp		Used
		Description: Identification of a carrier by code and/or by name. Code preferred.				
	3127	Carrier identification	C	an	1/17	Must use
		Description: Identification of party undertaking or arranging transport of goods between				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		named points.				
	1131	Code list qualifier	C	an	1/3	Must use
		Description: Identification of a code list.				
		Code Name				
		172 Carrier code				
	3055	Code list responsible agency, coded	C	an	1/3	Used
		Description: Code identifying the agency responsible for a code list.				
		Code Name				
		182 US, Standard Carrier Alpha Code (Motor)				
	3128	Carrier name	C	an	1/35	Used
		Description: Name of party undertaking or arranging transport of goods between named points.				
* TDT060	8101	Transit direction, coded	C	an	1/3	Not used
		Description: Identification of the point of origin and point of direction.				
* TDT070	C401	EXCESS TRANSPORTATION INFORMATION	C	Comp		Not used
		Description: To provide details of reason for, and responsibility for, use of transportation other than normally utilized.				
*	8457	Excess transportation reason, coded	M	an	1/3	Not used
		Description: Indication of reason for excess transportation.				
*	8459	Excess transportation responsibility, coded	M	an	1/3	Not used
		Description: Indication of responsibility for excess transportation.				
*	7130	Customer authorization number	C	an	1/17	Not used
		Description: 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	TRANSPORT IDENTIFICATION	C	Comp		Used
		Description: Code and/or name identifying the means of transport.				
	8213	Id. of means of transport identification	C	an	1/9	Used
		Description: Identification of the means of transport by name or number.				
	1131	Code list qualifier	C	an	1/3	Used
		Description: Identification of a code list.				
		Code Name				
		ZZ Lloyd's Number				
		103 Call sign directory				
		ZZZ Mutually defined				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	3055	Code list responsible agency, coded	C	an	1/3	Not used
		Description: Code identifying the agency responsible for a code list.				
	8212	Id. of the means of transport	C	an	1/35	Used
		Description: Identification of the means of transport by name or number.				
*	8453	Nationality of means of transport, coded	C	an	1/3	Not used
		Description: Coded name of the country in which a means of transport is registered.				
* TDT090	8281	Transport ownership, coded	C	an	1/3	Not used
		Description: Code indicating the ownership of the means of transport.				

Sample:

TDT+20+104South+1++OOLU:172:182+++9224300:ZZ::CSCL HAMBURG'

LOC PLACE/LOCATION IDENTIFICATION

Pos: 0320	Max: 9
Conditional	
Group: 6	Elements: 5

User Option (Usage): Used

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
Description: Code identifying the function of a location.						
Code Name						
7 Place of delivery						
9 Place/port of loading						
11 Place/port of discharge						
88 Place of receipt						
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Must use
Description: Identification of a location by code or name.						
CS Note: <i>Either location code LOC020_3225 or location name LOC020_3224 must be provided.</i>						
3225		Place/location identification	C	an	1/25	Used
Description: Identification of the name of place/location, other than 3164 City name.						
1131		Code list qualifier	C	an	1/3	Used
Description: Identification of a code list.						
Code Name						
139 Port						
229 Inland location						
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)						
6 UN/ECE (United Nations - Economic Commission for Europe)						
ZZZ Mutually defined						
3224		Place/location	C	an	1/70	Used
Description: Name of place/location, other than 3164 City name.						
LOC030	C519	RELATED LOCATION ONE IDENTIFICATION	C	Comp		Used
Description: Identification the first related location by code or name.						
3223		Related place/location one identification	C	an	1/25	Used
Description: Specification of the first related place/location by code.						

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

Sample:

LOC+7+CNCWN:229:6:Chiwan+CNCWN:145:6:Chiwan'
LOC+9+CNCWN:139:6:Chiwan+CNCWN:145:6:Chiwan'
LOC+11+AUSYD:139:6:Sydney+AUSYD:145:6:Sydney'
LOC+88+AUSYD:229:6:Sydney+AUSYD:145:6:Sydney'

DTM DATE/TIME/PERIOD

Pos: 0330	Max: 9
Conditional	
Group: 6	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

132 Arrival date/time, estimated

CS Note:

if actual date is not available

133 Departure date/time, estimated

CS Note:

if actual date is not available

178 Arrival date/time, actual

186 Departure date/time, actual

2380		Date/time/period	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		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

203 CCYYMMDDHHMM

Sample:

DTM+133:20070605110000:203'

DTM+186:20070605110000:203'

DTM+132:20070615133000:203'

DTM+178:20070615152000:203'

Segment Group 7

Pos: 0340	Repeat: 99
Conditional	
Group: 7	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>
0350	EQD	EQUIPMENT DETAILS	M	1	Must use
0380	SEL	SEAL NUMBER	C	9	Used

EQD EQUIPMENT DETAILS

Pos: 0350	Max: 1
Mandatory	
Group: 7	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	Equipment qualifier	M	an	1/3	Must use
		Description: Code identifying type of equipment.				
		Code Name				
		CN		Container		
EQD020	C237	EQUIPMENT IDENTIFICATION	C	Comp		Must use
		Description: Marks (letters and/or numbers) identifying equipment used for transport such as a container.				
	8260	Equipment identification number	C	an	1/17	Must use
		Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device.				
*	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.				
*	3207	Country, coded	C	an	1/3	Not used
		Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.				
EQD030	C224	EQUIPMENT SIZE AND TYPE	C	Comp		Used
		Description: Code and/or name identifying size and type of equipment used in transport. Code preferred.				
	8155	Equipment size and type identification	C	an	1/10	Used
		Description: Coded description of the size and type of equipment e.g. unit load device.				
*	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.				
*	8154	Equipment size and type	C	an	1/35	Not used
		Description: Plain language description of the size and type of equipment e.g. unit load device.				
EQD040	8077	Equipment supplier, coded	C	an	1/3	Used
		Description: To indicate the party that is the supplier of the equipment.				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u> <u>Name</u>				
		1 Shipper supplied				
		2 Carrier supplied				
		5 Third party 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.				
		<u>Code</u> <u>Name</u>				
		4 Empty				
		5 Full				

Sample:

EQD+CN+DFSU6044437+45G1+5++5'

SEL SEAL NUMBER

Pos: 0380	Max: 9
Conditional	
Group: 7	Elements: 3

User Option (Usage): Used

Purpose: To specify a seal number related to 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>
SEL010	9308	Seal number	M	an	1/10	Must use
		Description: The number of a custom seal or another seal affixed to the containers or other transport unit.				
SEL020	C215	SEAL ISSUER	C	Comp		Must use
		Description: Identification of the issuer of a seal on equipment either by code or by name.				
	9303	Sealing party, coded	C	an	1/3	Must use
		Description: Identification of the issuer of the seal number.				
		<u>Code</u> <u>Name</u>				
		AB Unknown				
		CA Carrier				
		CN Consignee				
		CU Customs				
		FW Forwarder				
		HS High Security				
		MC Motor Carrier				
		NP Notify Party for Shippers Order				
		QS Quarantine Seal				
		RR Railroad				
		SH Shipper				
		TO Terminal operator				
		VS Vet Seal				
*	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.				
*	9302	Sealing party	C	an	1/35	Not used
		Description: Clear text, representing the name of the issuer of the seal number.				
* SEL030	4517	Seal condition, coded	C	an	1/3	Not used
		Description: To indicate the condition of a seal.				

Sample:

SEL+OOLM47765+TO'

UNT MESSAGE TRAILER

Pos: 0580	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	Number of segments in a message	M	n	1/6	Must use
Description: Control count of number of segments in a message.						
UNT020	0062	Message reference number	M	an	1/14	Must use
Description: Unique message reference assigned by the sender.						

Sample:

UNT+24+99000001'

UNE FUNCTIONAL GROUP TRAILER

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

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	Number of messages	M	n	1/6	Must use

Description: A count of the number of messages in a functional group.

UNE020	0048	Functional group reference number	M	an	1/14	Must use
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Description: Reference number for the functional group assigned by and unique within the sender's division, department etc.

Sample:

UNE+1+9'

UNZ INTERCHANGE TRAILER

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

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	Interchange control count	M	n	1/6	Must use
Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.						
UNZ020	0020	Interchange control reference	M	an	1/14	Must use
Description: Unique reference assigned by the sender to an interchange.						

Sample:

UNZ+1+3137'