

IFTSTA International Multimodal Status Report Message

Introduction:

A message to report the exchange of information regarding the status of the physical movement of consignments, goods or equipment at any point (in time or place) within the full transport chain.

Notes:

IFTSTA SMDG 1.0 D08B

Principles of the IFTSTA message to be read now:

This message allows for the exchange of information regarding the status of the physical movement of consignments, goods or equipment at any point (in time or place) within the full transport chain.

A status message may be sent:

- as the result of request/s for consignment/s or equipment status/es
- on a scheduled basis at predetermined times
- on the occurrence of a selected event/s
- on the occurrence of an exceptional event as agreed by the partners involved.

This message can relate to a status (or statuses) that has or have been reached in a transport chain.

The transport working group (TBG3) has developed recommendations for a harmonised implementation of this message through its subgroup ITIGG (International Transport Implementation Guidelines Group). Users implementing the message are strongly advised to apply these recommendations, which may be obtained from the TBG3 secretariat.

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Guide</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
7	0010	UNB	Interchange Header	-		1		
8	0020	UNH	Message Header	M	M	1		
9	0030	BGM	Beginning of Message	M	M	1		
10	0040	DTM	Date/Time/Period			9		
	0050	TSR	Transport Service Requirements		X	1		
	0060		Segment Group 1: NAD-SG2	C			9	
12	0070	NAD	Name and Address	M	M	1		
	0080		Segment Group 2: CTA-COM	C			9	
16	0090	CTA	Contact Information	M	M	1		
17	0100	COM	Communication Contact			9		
	0110		Segment Group 3: RFF-DTM	C			9	
19	0120	RFF	Reference	M	M	1		
20	0130	DTM	Date/Time/Period			1		
	0140	LOC	Place/Location Identification		X	9		
	0150	FTX	Free Text		X	9		
	0160	CNT	Control Total		X	9		
	0170		Segment Group 4: EQD-STS-MEA-DIM-SEL-RFF-TPL-TM D-SG5-SG6-SG7-SG9-SG11-SG12	C			99999	
22	0180	EQD	Equipment Details	M	M	1		
24	0190	STS	Status			99		

26	0200	MEA	Measurements			9
27	0210	DIM	Dimensions	-		9
28	0220	SEL	Seal Number	M		9
29	0230	RFF	Reference			9
	0240	TPL	Transport Placement		X	9
30	0250	TMD	Transport Movement Details			1
	0260		Segment Group 5: DGS-FTX	C		9
32	0270	DGS	Dangerous Goods		M	1
34	0280	FTX	Free Text			9
	0290		Segment Group 6: LOC-DTM	C		9
36	0300	LOC	Place/Location Identification	-	M	1
37	0310	DTM	Date/Time/Period	M		9
	0320		Segment Group 7: EQA-SEL-SG8	C		99
39	0330	EQA	Attached Equipment		M	1
	0340	SEL	Seal Number	-	X	9
	0350		Segment Group 8: LOC-DTM	C	X	1
	0360	LOC	Place/Location Identification		X	1
	0370	DTM	Date/Time/Period	-	X	9
	0380		Segment Group 9: TDT-DTM-RFF-SG10	C		9
41	0390	TDT	Transport Information		M	1
	0400	DTM	Date/Time/Period		X	9
43	0410	RFF	Reference			9
	0420		Segment Group 10: LOC-DTM	C		9
45	0430	LOC	Place/Location Identification		M	1
47	0440	DTM	Date/Time/Period			9
	0450		Segment Group 11: TMP-RNG	C		1
49	0460	TMP	Temperature	M	M	1
50	0470	RNG	Range Details			1
	0480		Segment Group 12: DAM-COD	C		9
52	0490	DAM	Damage	M	M	1
53	0500	COD	Component Details			9
	0510		Segment Group 13: CNI-LOC-CNT-SG14	C	X	99999
	0520	CNI	Consignment Information		X	1
	0530	LOC	Place/Location Identification		X	9
	0540	CNT	Control Total	-	X	9
	0550		Segment Group 14: STS-RFF-DTM-DOC-FTX-SG15-LOC-P CI-SG17-SG19-SG23	M	X	99
	0560	STS	Status		X	1
	0570	RFF	Reference	-	X	999
	0580	DTM	Date/Time/Period	M	X	9
	0590	DOC	Document/Message Details		X	1
	0600	FTX	Free Text	-	X	9
	0610		Segment Group 15: NAD-SG16	C	X	9
	0620	NAD	Name and Address		X	1
	0630		Segment Group 16: CTA-COM	C	X	9
	0640	CTA	Contact Information	-	X	1
	0650	COM	Communication Contact	-	X	9
	0660	LOC	Place/Location Identification	-	X	1
	0670	PCI	Package Identification	-	X	99

0680		Segment Group 17: TDT-DTM-RFF-SG18	C	X	99
0690	TDT	Transport Information	-	X	1
0700	DTM	Date/Time/Period	-	X	9
0710	RFF	Reference	-	X	9
0720		Segment Group 18: LOC-DTM	C	X	9
0730	LOC	Place/Location Identification	-	X	1
0740	DTM	Date/Time/Period	-	X	9
0750		Segment Group 19: EQD-MEA-DIM-SEL-RFF-TPL-TMD-SG 20-SG21	C	X	99
0760	EQD	Equipment Details	-	X	1
0770	MEA	Measurements	-	X	9
0780	DIM	Dimensions	-	X	9
0790	SEL	Seal Number	-	X	9
0800	RFF	Reference	-	X	9
0810	TPL	Transport Placement	-	X	9
0820	TMD	Transport Movement Details	-	X	1
0830		Segment Group 20: LOC-DTM	C	X	9
0840	LOC	Place/Location Identification	-	X	1
0850	DTM	Date/Time/Period	-	X	9
0860		Segment Group 21: EQA-SEL-SG22	C	X	99
0870	EQA	Attached Equipment	-	X	1
0880	SEL	Seal Number	-	X	9
0890		Segment Group 22: LOC-DTM	C	X	9
0900	LOC	Place/Location Identification	-	X	1
0910	DTM	Date/Time/Period	-	X	9
0920		Segment Group 23: GID-HAN-SGP-DGS-FTX-GDS-LOC-QT Y-SG24-SG25-SG26-SG27	C	X	99
0930	GID	Goods Item Details	-	X	1
0940	HAN	Handling Instructions	-	X	9
0950	SGP	Split Goods Placement	-	X	99
0960	DGS	Dangerous Goods	-	X	9
0970	FTX	Free Text	-	X	9
0980	GDS	Nature of Cargo	-	X	9
0990	LOC	Place/Location Identification	-	X	9
1000	QTY	Quantity	-	X	9
1010		Segment Group 24: MEA-EQN	C	X	99
1020	MEA	Measurements	-	X	1
1030	EQN	Number of Units	-	X	1
1040		Segment Group 25: DIM-EQN	C	X	99
1050	DIM	Dimensions	-	X	1
1060	EQN	Number of Units	-	X	1
1070		Segment Group 26: PCI-GIN	C	X	99
1080	PCI	Package Identification	-	X	1
1090	GIN	Goods Identity Number	-	X	9999
1100		Segment Group 27: RFF-DTM	C	X	9
1110	RFF	Reference	-	X	1
1120	DTM	Date/Time/Period	-	X	9
54	1130	UNT	-	M	1
55	1140	UNZ	-		1

Segment: **UNB** Interchange Header
Position: 0010
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To start, identify and specify an interchange

Comments:

Notes: Example: UNB+UNOA:2+<Sender ID>+<Recipient ID>+080915:1643+641'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
S001		SYNTAX IDENTIFIER	M 1	M
		Identification of the agency controlling the syntax and indication of syntax level.		
	0001	Syntax identifier	M a4	M
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.		
		UNOA UN/ECE level A		
	0002	Syntax version number	M n1	M
		Version number of the syntax identified in the syntax identifier (0001).		
		2 Version 2		
S002		INTERCHANGE SENDER	M 1	M
		Identification of the sender of the interchange.		
	0004	Sender identification	M an..35	M
		Name or coded representation of the sender of a data interchange.		
S003		INTERCHANGE RECIPIENT	M 1	M
		Identification of the recipient of the interchange.		
	0010	Recipient identification	M an..35	M
		Name or coded representation of the recipient of a data interchange.		
S004		DATE AND TIME OF PREPARATION	M 1	M
		Date and time of preparation of the interchange.		
	0017	Date of preparation	M n6	M
		Local date when an interchange or a functional group was prepared.		
	0019	Time of preparation	M n4	M
		Local time of day when an interchange or a functional group was prepared.		
0020		INTERCHANGE CONTROL REFERENCE	M 1 an..14	M
		Unique reference assigned by the sender to an interchange.		

Segment: UNH Message Header
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the International multimodal status report message is IFTSTA.
 Note: International multimodal status report messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 IFTSTA 0052 D 0054 07B
 0051 UN
Comments:
Notes: Example: UNH+001+IFTSTA:D:08B:UN:SMDG10'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M 1 an..14	M
S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M 1	M
	0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. IFTSTA International multimodal status report message	M an..6	M
	0052	Message type version number Version number of a message type. D Draft version/UN/EDIFACT Directory	M an..3	M
	0054	Message type release number Release number within the current message type version number (0052). 08B Release 2008 - B	M an..3	M
	0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/CEFACT	M an..2	M
	0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. SMDG10	C an..6	
0068		COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C 1 an..35	

Segment: **BGM** Beginning of Message
Position: 0030
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment indicating the beginning of a message and identifying the consignment for which status is being reported.

Comments:

Notes:

The BGM segment is used to specify the type and function of the message.

Example: BGM+23+23456+9'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C	1
		Identification of a type of document/message by code or name. Code preferred.		
	1001	Document name code	C	an..3
		Code specifying the document name.		
		23 Status information		
C106		DOCUMENT/MESSAGE IDENTIFICATION	C	1
		Identification of a document/message by its number and eventually its version or revision.		
	1004	Document identifier	C	an..70
		To identify a document.		
	1056	Version identifier	C	an..9
		To identify a version.		
	1060	Revision identifier	C	an..6
		To identify a revision.		
1225		MESSAGE FUNCTION CODE	C	1 an..3
		Code indicating the function of the message.		
		1 Cancellation		
		5 Replace		
		9 Original		

Segment: **DTM** Date/Time/Period
Position: 0040
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment indicating the date of the message.
Comments:
Notes:

The Header Level DTM is used to transmit the message date and time

Example: DTM+137:200803011040:203'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		The Oxford JRT meeting agreed that the appropriate date/time at this level is that which would normally appear on the message's paper equivalent (i.e. the date placed at the top of a letter.)		
		This is not necessarily the "processing date" which is the time at which the message was generated or the "transmission date" which is the time which the message is actually sent.		
		In certain applications "processing date" and "message date" may be the same, if a message is generated for immediate transmission. If, however, a message is generated and stored for a period of time before it is batched for transmission, then the two dates/times will differ.		
		It has thus been agreed that the most appropriate date for use at this level is that which would apply in a paper environment - the date/time at which a document would be printed, prior to being placed in an envelope for posting.		
		The "transmission date" always appears automatically in the transmission "envelope". It equates to the date/time when a paper envelope is actually posted.		
		137 Document issue date time		
	2380	Date or time or period text	C an..35	
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	
		Code specifying the representation of a date, time or period.		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		
		205 CCYYMMDDHHMMZHHMM		
		303 CCYYMMDDHHMMZZZ		

Group: **NAD** Segment Group 1: Name and Address
Position: 0060
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to specify a party and its associated contacts with communication numbers.
Notes: This NAD Group at Header Level is used to specify a party or parties and party related information which applies to the whole message.
 Use the NAD Group at Header Level is optional

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0070	NAD	Name and Address	M	1	
	0080		Segment Group 2: Contact Information	C	9	

Segment: **NAD** Name and Address
Position: 0070 (Trigger Segment)
Group: Segment Group 1 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a party to the consignment such as shipper or consignee.

Comments:

Notes: This NAD trigger segment is mandatory if the NAD Group is used. Three different approaches to the presentation of NAD details are followed:

- (a) Coded (C082)
- (b) Unstructured Free text C058)
- (c) Structured free text C080/C059, 3164, 3229, 3251, 3207

It is suggested that in operational messages, unless there is a strong reason for specifying full contact details, codes should be used whenever possible to identify parties.

The use of free text name and address details is to be discouraged in these messages.

Example:

NAD+MS+++ABC.CO:PARTS.DIVISION+12- CENTER
 STREET+CHICAGO+IL+6060+US'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY FUNCTION CODE QUALIFIER	M 1 an..3	M
		Code giving specific meaning to a party.		
		CA Carrier		
		CF Container operator/lessee		
		FI Copy message to		
		MR Message recipient		
		MS Document/message issuer/sender		
C082		PARTY IDENTIFICATION DETAILS	C 1	
		Identification of a transaction party by code.		
		Use the following combinations of codes in 1131/3055 to qualify code values in data element 3039:		
		BIC 1131 160 - Party ID		
		3055 20 - (BIC)		
		Duns +4 1131 100 - (Enhanced Party ID)		
		3055 16 - (DUNS)		
		Carrier Code 1131 172 - (Carrier Code)		
		3055 166 - (NMFCA, US issuer of SCAC)		
		Codes		
3039		Party identifier	M an..35	M
		Code specifying the identity of a party.		
		ID Code Value		
1131		Code list identification code	C an..17	
		Code identifying a user or association maintained code list.		
3055		Code list responsible agency code	C an..3	
		Code specifying the agency responsible for a code list.		
		7 CEFIC (Conseil Europeen des Federations de l'Industrie Chimique)		
		9 GS1		
		10 ODETTE		

	12	UIC (International union of railways)			
	16	US, D&B (Dun & Bradstreet Corporation)			
	20	BIC (Bureau International des Containeurs)			
	87	Assigned by carrier			
	163	US, FMC (Federal Maritime Commission)			
	184	AU, ACOS (Australian Chamber of Shipping)			
	ZZZ	Mutually defined			
C058		NAME AND ADDRESS	C	1	
		Unstructured name and address: one to five lines.			
	3124	Name and address description	M	an..35	M
		Free form description of a name and address line.			
	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
C080		PARTY NAME	C	1	
		Identification of a transaction party by name, one to five lines. Party name may be formatted.			
	3036	Party name	M	an..70	M
		Name of a party.			
	3036	Party name	C	an..70	
		Name of a party.			
	3036	Party name	C	an..70	
		Name of a party.			
	3036	Party name	C	an..70	
		Name of a party.			
	3036	Party name	C	an..70	
		Name of a party.			
	3045	Party name format code	C	an..3	
		Code specifying the representation of a party name.			
		Refer to D.08B Data Element Dictionary for acceptable code values.			
C059		STREET	C	1	
		Street address and/or PO Box number in a structured address: one to four lines.			
	3042	Street and number or post office box identifier	M	an..35	M
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	
		To identify a street and number and/or Post Office box number.			
3164		CITY NAME	C	1 an..35	
		Name of a city.			
C819		COUNTRY SUBDIVISION DETAILS	C	1	
		To specify a country subdivision, such as state, canton, county, prefecture.			
		State/Province Code			
	3229	Country subdivision identifier	C	an..9	

To identify a country subdivision, such as state, canton, county, prefecture.

State/Province Code

1131 Code list identification code C an..17
Code identifying a user or association maintained code list.

3055 Code list responsible agency code C an..3
Code specifying the agency responsible for a code list.
Refer to D.08B Data Element Dictionary for acceptable code values.

3228 Country subdivision name C an..70
Name of a country subdivision, such as state, canton, county, prefecture.

3251 POSTAL IDENTIFICATION CODE C 1 an..17
Code specifying the postal zone or address.

Postal code/Zip Code

3207 COUNTRY IDENTIFIER C 1 an..3
Identification of the name of the country or other geographical entity as defined in ISO 3166-1 and UN/ECE Recommendation 3.

Country Code

Group: **CTA** Segment Group 2: Contact Information
Position: 0080
Group: Segment Group 1 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify a contact and its communications related to the party.
Notes: Use of the CTA Group within the Header Level NAD Group

The CTA Group within the NAD Group at Header Level is used to specify contact details for the party specified in the preceding NAD segment

Use of the CTA Group at this level is optional.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0090	CTA	Contact Information	M	1	
	0100	COM	Communication Contact	C	9	

Segment: **CTA Contact Information**
Position: 0090 (Trigger Segment)
Group: Segment Group 2 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a contact name associated with the party.
Comments:
Notes: Use of the CTA segment is mandatory if the NAD-CTA group is used.

Example: CTA+IC+:JACK COGAN'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		CONTACT FUNCTION CODE Code specifying the function of a contact (e.g. department or person). IC Information contact	C 1 an..3	
C056		CONTACT DETAILS Code and/or name of a contact such as a department or employee. Code preferred.	C 1	
	3413	Contact identifier	C an..17	X
	3412	Contact name Name of a contact, such as a department or employee.	C an..256	

Segment: **COM** **Communication Contact**
Position: 0100
Group: Segment Group 2 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a communication number related to the contact.

Comments:

Notes: Use of the COM segment is optional.

Example: COM+1233333412231234:TE'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M 3	M
	3148	Communication address identifier To identify a communication address. (Use no spaces or hyphens) Include country and area code for telephone and fax numbers as appropriate.	M an..512	M
	3155	Communication means type code Code specifying the type of communication address. See General Recommendation D4/G16 for format of fax and phone numbers.	M an..3	M
		EM Electronic mail		
		FX Telefax		
		TE Telephone		
		TL Telex		
		TT Teletext		
		XF X.400 address		

Group: **RFF** Segment Group 3: Reference
Position: 0110
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9
Purpose: To relate a date/time to a reference, such as date of shipment reference number.
Notes: This RFF Group is used to specify the reference to a original message via ACW in case of a update or as a referense in relation to a request via AGI by responding on a IFTSTQ message.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0120	RFF	Reference	M	1	
	0130	DTM	Date/Time/Period	C	1	

Segment: **RFF** Reference
Position: 0120 (Trigger Segment)
Group: Segment Group 3 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a reference which applies to the entire consignment.
Comments:
Notes: Example: RFF+AGI:12345'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE Identification of a reference.	M 1	M
	1153	Reference code qualifier Code qualifying a reference. ACW will be used for update's and replacements AGI will be used to refer back to the received IFTSTQ message	M an..3	M
		ACW Reference number to previous message		
		AGI Request number		
	1154	Reference identifier Identifies a reference.	C an..70	

Segment: **DTM** Date/Time/Period
Position: 0130
Group: Segment Group 3 (Reference) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To relate a date/time to a reference, such as date of shipment reference number.

Comments:

Notes:

This DTM is used to specify dates and times which relate to the reference number specified in the preceding RFF segment

Example: DTM+171:200010104:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>		<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	1	M
		Date and/or time, or period relevant to the specified date/time/period type.			
	2005	Date or time or period function code qualifier	M	an..3	M
		Code qualifying the function of a date, time or period.			
		171 Reference date/time			
	2380	Date or time or period text	C	an..35	
		The value of a date, a date and time, a time or of a period in a specified representation.			
	2379	Date or time or period format code	C	an..3	
		Code specifying the representation of a date, time or period.			
		102 CCYYMMDD			
		203 CCYYMMDDHHMM			
		205 CCYYMMDDHHMMZHHMM			
		303 CCYYMMDDHHMMZZZ			

Group: **EQD** Segment Group 4: Equipment Details
Position: 0170
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99999
Purpose: A group of segments to identify a piece of transport equipment and status details relating to it.
Notes: The EQD Group is used to identify the equipment of transport.

Use of the EQD Group is required there the staus report is related to a specific equipment during his stay at the terminal.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0180	EQD	Equipment Details	M	1	
	0190	STS	Status	C	99	
	0200	MEA	Measurements	C	9	
	0210	DIM	Dimensions	C	9	
	0220	SEL	Seal Number	C	9	
	0230	RFF	Reference	C	9	
	0250	TMD	Transport Movement Details	C	1	
	0260		Segment Group 5: Dangerous Goods	C		9
	0290		Segment Group 6: Place/Location Identification	C		9
	0320		Segment Group 7: Attached Equipment	C		99
	0380		Segment Group 9: Transport Information	C		9
	0450		Segment Group 11: Temperature	C		1
	0480		Segment Group 12: Damage	C		9

Segment: **EQD** Equipment Details
Position: 0180 (Trigger Segment)
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying equipment related

Comments:

Notes:

The EQD segment is the trigger segment of the EQD Group and is used to identify a piece of transport equipment.

Use of the EQD trigger segment within this group is mandatory.

Example: EQD+CN+ABCU546689+4332:102:5++6+5'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8053		EQUIPMENT TYPE CODE QUALIFIER Code qualifying a type of equipment.	M 1 an..3	M
		BB Breakbulk "temporary code"		
		BR Barge		
		CH Chassis		
		CN Container		
		PA Pallet		
		RG Reefer generator		
		RR Rail car		
		SW Swap body		
		TE Trailer		
C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	C 1	
	8260	Equipment identifier To identify equipment.	C an..17	
		Equipment number including prefix. Equipment numbers are to be transmitted as one contiguous field.		
C224		EQUIPMENT SIZE AND TYPE Code and or name identifying size and type of equipment. Code preferred. Always to be transmitted when known.	C 1	
	8155	Equipment size and type description code Code specifying the size and type of equipment.	C an..10	
		For seagoing containers and in other cases where appropriate use of code list ISO6346 is strongly recommended		
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..17	
		102 Size and Type		
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	
		5 ISO (International Organization for Standardization)		
		12 UIC (International union of railways)		
	8154	Equipment size and type description Free form description of the size and type of equipment.	C an..35	
8077		EQUIPMENT SUPPLIER CODE Code specifying the party that is the supplier of the equipment.	C 1 an..3	
		1 Shipper supplied		

	2	Carrier supplied		
	5	Third party supplied		
8249		EQUIPMENT STATUS CODE	C	1 an..3
		Code specifying the status of equipment.		
	1	Continental		
	2	Export		
	3	Import		
	6	Transshipment		
8169		FULL OR EMPTY INDICATOR CODE	C	1 an..3
		Code indicating whether an object is full or empty.		
	4	Empty		
	5	Full		
	6	No volume available		
		Full/Empty status not known		

Segment: **STS Status**
Position: 0190
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment specifying the status relating to the equipment.

Comments:

Notes: The status change of a container is linked to the activity location under LOC group 11 by using qualifier "175"

Examples:

STS+1+17:::BLOCKED BY CUSTOMS'
 STS+1+382:::NOT RELEASED BY LINE'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C601		STATUS CATEGORY To specify the category of the status.	C 1	
	9015	Status category code Code specifying the category of a status. 1 Transport	M an..3	M
C555		STATUS To specify a status.	C 1	
	4405	Status description code Code specifying a status.	M an..3	M
	4404	Status description Free form description of a status. (Free text)	C an..35	
C556		STATUS REASON To specify the reason for a status.	C 1	
	9013	Status reason description code Code specifying the reason for a status. Codes per UN/ECE Recommendation No. 24	M an..3	M
	9012	Status reason description Free form description of the status reason. (Free text)	C an..256	
C556		STATUS REASON To specify the reason for a status.	C 1	
	9013	Status reason description code Code specifying the reason for a status. Codes per UN/ECE Recommendation No. 24	M an..3	M
	9012	Status reason description Free form description of the status reason. (Free text)	C an..256	
C556		STATUS REASON To specify the reason for a status.	C 1	
	9013	Status reason description code Code specifying the reason for a status. Codes per UN/ECE Recommendation No. 24	M an..3	M

	9012	Status reason description	C	an..256	
		Free form description of the status reason.			
		(Free text)			
C556		STATUS REASON	C	1	
		To specify the reason for a status.			
	9013	Status reason description code	M	an..3	M
		Code specifying the reason for a status.			
		Codes per UN/ECE Recommendation No. 24			
	9012	Status reason description	C	an..256	
		Free form description of the status reason.			
		(Free text)			
C556		STATUS REASON	C	1	
		To specify the reason for a status.			
	9013	Status reason description code	M	an..3	M
		Code specifying the reason for a status.			
		Codes per UN/ECE Recommendation No. 24			
	9012	Status reason description	C	an..256	
		Free form description of the status reason.			
		(Free text)			

Segment: **MEA** Measurements
Position: 0200
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment specifying measurements related to the equipment such as gross weight, tare weight, capacity.

Comments:

Notes: The MEA segment at this level is used to specify measurements other than dimensions which relate to the piece of transport equipment identified in the preceding EQD segment.

 Example: MEA+AAE+T+KGM:1000'

 Use of the MEA within this group is optional.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. The code AAE is being used on a temporary basis until a new code can be established for "transport measurement." AAE Measurement	M 1 an..3	M
C502		MEASUREMENT DETAILS Identification of measurement type.	C 1	
	6313	Measured attribute code Code specifying the attribute measured. AAL Net weight AAW Gross volume AET Transport equipment gross weight G Gross weight SQ Shipped quantity T Tare weight TC Temperature	C an..3	
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C 1	
	6411	Measurement unit code Code specifying the unit of measurement. Per UN/ECE Recommendation No. 20. ITIGG recommends the use of one of the following codes from UN/ECE Recommendation 20 as appropriate: ACB, CEL,CUT, FAR, FCT, FOT, GLL, INH, KNT, KGM, KWT, LBR, MQH, MTK, UTQ, MTR, TNE per D4/G69 KGM Kilograms	M an..8	M
	6314	Measure To specify the value of a measurement.	C an..18	
	6162	Range minimum quantity To specify the minimum value of a range.	C n..18	
	6152	Range maximum quantity To specify the maximum value of a range.	C n..18	

Segment: **DIM** Dimensions
Position: 0210
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments indicating the status and/or identifying an event and specifying relevant details.

Comments:

Notes: The DIM segment at this level is used to specify dimensions which relate to the piece of transport equipment identified in the preceding EQD segment.

Use of the DIM segment at this level is optional.

Example if off standard:

Front DIM+5+CMT:2575'
 Back DIM+6+CMT:2575'
 Right DIM+7+CMT::2575'
 Left DIM+8+CMT::2575'
 Height DIM+9+CMT:::2575'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6145		DIMENSION TYPE CODE QUALIFIER	M 1 an..3	M
		Code qualifying the type of the dimension.		
		5 Off-standard dimension front		
		6 Off-standard dimension back		
		7 Off-standard dimension right		
		8 Off-standard dimension left		
		9 Off-standard dimension general		
C211		DIMENSIONS	M 1	M
		Specification of the dimensions of a transportable unit.		
	6411	Measurement unit code	M an..8	M
		Code specifying the unit of measurement.		
		Recommend use of codes from UN Recommendation 20.		
		CMT Centimetres		
		INH Inches		
	6168	Length measure	C n..15	
		To specify the value of a length dimension.		
		Overall Length dimension		
	6140	Width measure	C n..15	
		To specify the value of a width dimension.		
		Overall width dimension		
	6008	Height measure	C n..15	
		To specify the value of a height dimension.		
		Overall Height dimension		

Segment: **SEL Seal Number**
Position: 0220
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment specifying the status relating to a consignment (e.g. loaded).
Comments:
Notes: Use of the SEL segment within the EQD segment.

Example: SEL+1234567+SH'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
9308		TRANSPORT UNIT SEAL IDENTIFIER The identification number of a seal affixed to a transport unit.	C 1 an..35	
C215		SEAL ISSUER Identification of the issuer of a seal on equipment either by code or by name.	C 1	
	9303	Sealing party name code Code specifying the name of the sealing party. AA Consolidator AB Unknown AC Quarantine agency CA Carrier CU Customs SH Shipper TO Terminal operator	C an..3	
	9302	Sealing party name Name of the sealing party.	C an..35	
4517		SEAL CONDITION CODE Code specifying the condition of a seal. Refer to D.08B Data Element Dictionary for acceptable code values.	C 1 an..3	
4525		SEAL TYPE CODE To specify a type of seal. 1 Mechanical seal 2 Electronic seal	C 1 an..3	

Segment: **RFF** Reference
Position: 0230
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment identifying a reference relating to the status (e.g House Bill of Lading number).

Comments:

Notes: Example: RFF+BN:ABCU123456'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE Identification of a reference.	M 1	M
	1153	Reference code qualifier Code qualifying a reference. AAE Goods declaration number BM Bill of lading number BN Consignment identifier, carrier assigned CR Customer reference number SQ Equipment sequence number TB Trucker's bill of lading	M an..3	M
	1154	Reference identifier Identifies a reference.	C an..70	
	1156	Document line identifier To identify a line of a document.	C an..6	
	1056	Version identifier To identify a version.	C an..9	
	1060	Revision identifier To identify a revision.	C an..6	

Segment: **TMD** Transport Movement Details
Position: 0250
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify document details related to the status code, such as indication which document is missing (status code: document missing).

Comments:

Notes: Example: TMD+11'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C219		MOVEMENT TYPE Description of type of service for movement of cargo.	C 1	
	8335	Movement type description code Code specifying a type of movement. 2 LCL/LCL 3 FCL/FCL 4 FCL/LCL 5 LCL/FCL	C	an..3
	8334	Movement type description Free form description of a type of movement.	C	an..35
8332		EQUIPMENT PLAN DESCRIPTION Free form description of the equipment plan.	C 1	an..26
8341		HAULAGE ARRANGEMENTS CODE Code specifying the arrangement for the haulage of goods. Refer to D.08B Data Element Dictionary for acceptable code values.	C 1	an..3

Group: **DGS** Segment Group 5: Dangerous Goods
Position: 0260
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to specify dangerous goods.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0270	DGS	Dangerous Goods	M	1	
	0280	FTX	Free Text	C	9	

Segment: **DGS** Dangerous Goods
Position: 0270 (Trigger Segment)
Group: Segment Group 5 (Dangerous Goods) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the dangerous goods Regulations which apply, the class of the dangerous goods, additional dangerous goods codes, the United Nations Dangerous Goods (UNDG) number and the shipment flash point.

Comments:
Notes:

Use of the DGS Segment within the GID Group

These recommendations applying to the DGS group should be applied wherever the DGS is used in a variety of messages, both Commercial and Operational. See D4 Recommendation 17.

For goods with a subsidiary risk code, two methodologies are currently being applied:

- (a) The DGS segment should be repeated using DE 8273 and DE8351 only.
- (b) The subsidiary risk should be shown in the FTX segment.

Example: DGS+IMO+8:135+1733+140:CEL+2'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8273		DANGEROUS GOODS REGULATIONS CODE	C 1 an..3	
		Code specifying a dangerous goods regulation.		
		ADR European agreement on the international carriage of dangerous goods on road (ADR)		
		ANR ADNR, Autorisation de transport de matieres Dangereuses pour la Navigation sur le Rhin		
		CFR US, 49 Code of federal regulations		
		IMD IMO IMDG code		
		RID Railroad dangerous goods book (RID)		
C205		HAZARD CODE	C 1	
		The identification of the dangerous goods in code.		
	8351	Hazard identification code	M an..7	M
		Code identifying a hazard.		
	8078	Additional hazard classification identifier	C an..7	
		To identify an additional hazard classification.		
	8092	Hazard code version identifier	C an..10	
		To identify the version number of a hazard code.		
C234		UNDG INFORMATION	C 1	
		Information on dangerous goods, taken from the United Nations Dangerous Goods classification.		
	7124	United Nations Dangerous Goods (UNDG) identifier	C n4	
		The unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.		
	7088	Dangerous goods flashpoint description	C an..8	
		To describe the flashpoint of dangerous goods.		
C223		DANGEROUS GOODS SHIPMENT FLASHPOINT	C 1	
		Temperature at which a vapor can be ignited as per ISO 1523/73.		
	7106	Shipment flashpoint degree	C n3	
		To specify the value of the flashpoint of a shipment.		

	Flashpoint		
6411	Measurement unit code	C	an..8
	Code specifying the unit of measurement.		
8339	PACKAGING DANGER LEVEL CODE	C	1 an..3
	Code specifying the level of danger for which the packaging must cater. Refer to D.08B Data Element Dictionary for acceptable code values.		
8364	EMERGENCY PROCEDURE FOR SHIPS IDENTIFIER	C	1 an..6
	To identify the emergency procedure number for ships transporting dangerous goods. Synonym: EMS Number.		
	EMS Number		
8410	HAZARD MEDICAL FIRST AID GUIDE IDENTIFIER	C	1 an..4
	To identify a Medical First Aid Guide (MFAG) for hazardous goods.		
	MFAG Number		
8126	TRANSPORT EMERGENCY CARD IDENTIFIER	C	1 an..10
	To identify a transport emergency (TREM) card.		
	TREM Card Number		
C235	HAZARD IDENTIFICATION PLACARD DETAILS	C	1
	These numbers appear on the hazard identification placard required on the means of transport.		
8158	Orange hazard placard upper part identifier	C	an..4
	To specify the identity number for the upper part of the orange hazard placard required on the means of transport.		
	Hazard ID, Upper part		
8186	Orange hazard placard lower part identifier	C	an4
	To specify the identity number for the lower part of the orange hazard placard required on the means of transport.		
	Hazard ID, Lower part		
C236	DANGEROUS GOODS LABEL	C	1
	Markings identifying the type of hazardous goods and similar information.		
8246	Dangerous goods marking identifier	C	an..4
	To identify the marking of dangerous goods.		
	DG Label Marking 1		
8246	Dangerous goods marking identifier	C	an..4
	To identify the marking of dangerous goods.		
	DG Label Marking 2		
8246	Dangerous goods marking identifier	C	an..4
	To identify the marking of dangerous goods.		
	DG Label Marking 3		
8246	Dangerous goods marking identifier	C	an..4
	To identify the marking of dangerous goods.		
	DG Label Marking 4		
8255	PACKING INSTRUCTION TYPE CODE	C	1 an..3
	Code specifying a type of packing instruction.		

Segment: **FTX** Free Text
Position: 0280
Group: Segment Group 5 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify supplementary details regarding the dangerous goods such as dangerous goods technical name and other additional information.

Comments:

Notes: Use of the free text is optional. If dangerous goods have been reported in the DGS segment, the FTX should be used at least once to provide the dangerous goods technical name.

Example:

FTX+AAD+++ANTIMONY TRICHLORIDE'

With the use of the FTX also Limited Quantity and Marine Pollutant can be provided.

Example:

FTX+AAC++P+MARINE POLLUTANT'

FTX+AAC++PP+SERVERE MARINE POLLUTANT'

FTX+AAC++TLQ+LIMITED QUANTITY'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT CODE QUALIFIER Code qualifying the subject of the text. AAA Goods item description AAC Dangerous goods additional information AAD Dangerous goods technical name DAR Damage remarks	M 1 an..3	M
C107		TEXT REFERENCE Coded reference to a standard text and its source. Used if DE4451 = AAC and the product is a marine pollutant substance.	C 1	
	4441	Free text description code Code specifying free form text. P Marine Pollutant PP Servere Marine Pollutant	M an..17	M
C108		TEXT LITERAL Free text; one to five lines.	C 1	
	4440	Free text Free form text. Used if DE4451 = AAD or AAC and C107 is not used.	M an..512	M
	4440	Free text Free form text.	C an..512	
	4440	Free text Free form text.	C an..512	
	4440	Free text Free form text.	C an..512	
	4440	Free text Free form text.	C an..512	

Group: **LOC** Segment Group 6: Place/Location Identification
Position: 0290
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose:
Notes:

A segment indicating locations related to the status event mentioned in the STS at Segment Group 13

Because LOC - DTM are on the same level as STS the message should be used for sending directly after a status change occurs or after a period of time sending multiple EQD segments mentioning the same equipment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0300	LOC	Place/Location Identification	M	1	
	0310	DTM	Date/Time/Period	C	9	

Segment: **LOC** Place/Location Identification
Position: 0300 (Trigger Segment)
Group: Segment Group 6 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department.
Comments:
Notes:

Indicating the activity location by using qualifier "175" related to the status event mentioned in the STS at Segment Group 13.
 All other qualifiers are informational only.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location.	M 1 an..3	M
		7 Place of delivery		
		8 Place of destination		
		9 Place of loading		
		11 Place of discharge		
		12 Port of discharge		
		175 Activity location		
		202 Terminal		
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	
	3225	Location identifier To identify a location.	C an..35	
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..17	
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	
		5 ISO (International Organization for Standardization)		
		6 UN/ECE (United Nations - Economic Commission for Europe)		
		9 GS1		
		12 UIC (International union of railways)		
		112 US, U.S. Census Bureau		
		ZZZ Mutually defined		
	3224	Location name Name of the location.	C an..256	
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	
	3223	First related location identifier To identify a first related location.	C an..35	
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..17	
		BER Berth		
		TER Terminal		
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	
		ZZZ Mutually defined		

Segment: **DTM** Date/Time/Period
Position: 0310
Group: Segment Group 6 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to identify a communication number of a person or department.
Comments:
Notes: A segment to specify dates and times related to the status event mentioned in the STS at Segment Group 13

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M 1	M
	2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 334 Status change date/time	M an..3	M
	2380	Date or time or period text The value of a date, a date and time, a time or of a period in a specified representation.	C an..35	
	2379	Date or time or period format code Code specifying the representation of a date, time or period.	C an..3	
		203 CCYYMMDDHHMM		
		204 CCYYMMDDHHMMSS		
		205 CCYYMMDDHHMMZHHMM		
		303 CCYYMMDDHHMMZZZ		
		718 CCYYMMDD-CCYYMMDD		

Group: **EQA** Segment Group 7: Attached Equipment
Position: 0320
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose:
Notes: Use of the EQA Group within the EQD Group

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0330	EQA	Attached Equipment	M	1	

Segment: **EQA** Attached Equipment
Position: 0330 (Trigger Segment)
Group: Segment Group 7 (Attached Equipment) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify individual packages (transportable units) relating to the consignment status.

Comments:

Notes: Use of the EQA Trigger segment within the EQA Group within the EQD group

Example: EQA+SW'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8053		EQUIPMENT TYPE CODE QUALIFIER Code qualifying a type of equipment.	M 1 an..3	M
		AB Chain		
		AD Temperature recorder		
		BL Blocks		
		CH Chassis		
		CN Container		
		LAR Lashing rope		
		RG Reefer generator		
		RR Rail car		
		SW Swap body		
		TE Trailer		
		TP Tarpaulin		
C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	C 1	
	8260	Equipment identifier To identify equipment.	C an..17	

Group: **TDT** Segment Group 9: Transport Information
Position: 0380
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose:

Notes: For the use of IFTSTA as container status message the TDT group can be repeated with a max of use 2 times, herewith the TDT can be used as well to mention the pre- and on carriage beside the main carriage.

TDT+20+ and
TDT+10+ or TDT+30+.

If a containers are related to different pre- and/or on-carriage transports in relation to the same main carriage transport. the containers has to be send in different IFTSTA messages.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0390	TDT	Transport Information	M	1	
	0410	RFF	Reference	C	9	
	0420		Segment Group 10: Place/Location Identification	C	9	

Segment: **TDT** Transport Information
Position: 0390 (Trigger Segment)
Group: Segment Group 9 (Transport Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment indicating locations related to conveyance such as flight origin/destination.
Comments:
Notes: Use of the TDT Group within the CNI Group

The TDT Group is used to specify transport details related to the status of the consignment.
 Use of the TDT Group is optional.
 Example: TDT+20+573W:+1+ABCU:+166:ABCLINE+++7248306::11:PACIFIC TRADER:DK'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
8051		TRANSPORT STAGE CODE QUALIFIER Code qualifying a specific stage of transport.	M 1 an..3	M
		10 Pre-carriage transport		
		20 Main-carriage transport		
		30 On-carriage transport		
8028		MEANS OF TRANSPORT JOURNEY IDENTIFIER To identify a journey of a means of transport.	C 1 an..17	
		Voyage Number if Main Carriage		
		Carrier's number if pre- / on-carriage		
C220		MODE OF TRANSPORT Method of transport code or name. Code preferred.	C 1	
		Mode of transport, Coded, based on UN/ECE Recommendation 19		
	8067	Transport mode name code Code specifying the name of a mode of transport.	C an..3	
		UN/ECE Recommendation 19 should be used		
		1 Maritime Transport		
		2 Rail Transport		
		3 Road Transport		
		4 Air		
		6 Multimodal		
		8 Inland Water		
		C Consolidation		
	8066	Transport mode name Name of a mode of transport.	C an..17	
C001		TRANSPORT MEANS Code and/or name identifying the type of means of transport.	C 1	
	8179	Transport means description code Code specifying the means of transport.	C an..8	
		UN/ECE Recommendation No. 28 should be used.		
	8178	Transport means description Free form description of the means of transport.	C an..17	
C040		CARRIER	C 1	

		Identification of a carrier by code and/or by name. Code preferred.		
	3127	Carrier identifier	C	an..17
		To identify a carrier.		
	1131	Code list identification code	C	an..17
		Code identifying a user or association maintained code list.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		9 GS1		
		12 UIC (International union of railways)		
		16 US, D&B (Dun & Bradstreet Corporation)		
		20 BIC (Bureau International des Containeurs)		
		87 Assigned by carrier		
		166 US, National Motor Freight Classification Association		
		184 AU, ACOS (Australian Chamber of Shipping)		
		213 JP, NACCS Center (Nippon Automated Cargo Clearance System Operations Organization)		
		256 US, AAR (Association of American Railroads)		
		258 JP, Japanese Ministry of Transport		
	3126	Carrier name	C	an..35
		Name of a carrier.		
C222		TRANSPORT IDENTIFICATION	C	1
		Code and/or name identifying the means of transport.		
	8213	Transport means identification name identifier	C	an..35
		Identifies the name of the transport means.		
		General Recommendation No. D4/G74 applies.		
		This data element is required for Ocean Transport.		
		Call Sign if 8067 = 1 and 1131 = 103		
		Lloyd's Number if 8067 = 1 and 3055 = 11		
		Train ID if 8067 = 2		
		Truck ID if 8067 = 3		
		Barge ID if 8067 = 8		
	1131	Code list identification code	C	an..17
		Code identifying a user or association maintained code list.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
	8212	Transport means identification name	C	an..70
		Name identifying a means of transport.		
		Vessel name required for ocean transport or other means of transport ID (free text)		
	8453	Transport means nationality code	C	an..3
		Code specifying the nationality of a means of transport.		
		Flag of vessel (ISO Country code) or Lloyd's flag code - required for Ocean transport		

Segment: **RFF** Reference
Position: 0410
Group: Segment Group 9 (Transport Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments indicating the equipment details relating to the status or event.
Comments:

Notes: The RFF is used to specify a reference which applies to the stage or means of transport specified in the preceding TDT segment.

Use of the RFF at this level is optional.

The code VON is to transmit the import voyage number other than the vessel operator's export voyage number which always appears in the TDT.

The code RF is used to specify the export voyage nr of the container operator if different from the vessel operator.

Example:

RFF+VON:001-C105S'

RFF+RF:001-C105N'

RFF+ATZ:NLRTM08131182'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M 1	M
		Identification of a reference.		
	1153	Reference code qualifier	M an..3	M
		Code qualifying a reference.		
		ABZ Vehicle licence number		
		ACT Unique claims reference number of the sender		
		AEL Delivery number (transport)		
		ATZ Ship's stay reference number		
		CN Carrier's reference number		
		CU Consignment identifier, consignor assigned		
		CV Container operators reference number		
		DR Dock receipt number		
		RF Export reference number		
		Export voyage nr for trading partners if different from line operator		
		VM Vessel identifier		
		VON Voyage number		
		Import Voyage nr		
		VT Motor vehicle identification number		
	1154	Reference identifier	C an..70	
		Identifies a reference.		
	1156	Document line identifier	C an..6	
		To identify a line of a document.		
	1056	Version identifier	C an..9	
		To identify a version.		
	1060	Revision identifier	C an..6	
		To identify a revision.		

Group: **LOC** Segment Group 10: Place/Location Identification
Position: 0420
Group: Segment Group 9 (Transport Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0430	LOC	Place/Location Identification	M	1	
	0440	DTM	Date/Time/Period	C	9	

Segment: **LOC** Place/Location Identification
Position: 0430 (Trigger Segment)
Group: Segment Group 10 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying measurements related to the equipment such as gross weight, tare weight, capacity.

Comments:

Notes: The LOC segment is used to specify locations which relate to the stage and means of transport specified in the preceding TDT segment.

Example: LOC+11+NLRTM:139:6+DDE:TER:ZZZ'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location.	M 1 an..3	M
		5 Place of departure		
		7 Place of delivery		
		8 Place of destination		
		9 Place of loading		
		11 Place of discharge		
		13 Place of transshipment		
		33 Baseport of discharge		
		34 Baseport of loading		
		88 Place of receipt		
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1	
	3225	Location identifier To identify a location.	C an..35	
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..17	
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	
		5 ISO (International Organization for Standardization)		
		6 UN/ECE (United Nations - Economic Commission for Europe)		
		9 GSI		
		12 UIC (International union of railways)		
		112 US, U.S. Census Bureau		
		ZZZ Mutually defined		
	3224	Location name Name of the location.	C an..256	
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1	
	3223	First related location identifier To identify a first related location.	C an..35	
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..17	
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	
		5 ISO (International Organization for Standardization)		

	9	GS1		
	12	UIC (International union of railways)		
	112	US, U.S. Census Bureau		
	184	AU, ACOS (Australian Chamber of Shipping)		
	<i>ZZZ</i>	Mutually defined		
	3222	First related location name	C	an..70
		Name of first related location.		
C553		RELATED LOCATION TWO IDENTIFICATION	C	1
		Identification of second related location by code or name.		
	3233	Second related location identifier	C	an..35
		To identify a second related location.		
	1131	Code list identification code	C	an..17
		Code identifying a user or association maintained code list.		
	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
	5	ISO (International Organization for Standardization)		
	9	GS1		
	12	UIC (International union of railways)		
	112	US, U.S. Census Bureau		
	184	AU, ACOS (Australian Chamber of Shipping)		
	<i>ZZZ</i>	Mutually defined		
	3232	Second related location name	C	an..70
		Name of the second related location.		

Segment: **DTM** Date/Time/Period
Position: 0440
Group: Segment Group 10 (Place/Location Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment specifying the dimensions of the equipment such as height.

Comments:

Notes:

The DTM segment at this level is used to specify dates and times which relate to the location specified in the preceding LOC segment in relation to the TDT information

Use of the DTM within this group is optional.

Exmple: DTM+133:200809201059:203'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M 1	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		132 Transport means arrival date time, estimated		
		133 Transport means departure date/time, estimated		
		178 Transport means arrival date time, actual		
		186 Transport means departure date/time, actual		
	2380	Date or time or period text	C an..35	
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	
		Code specifying the representation of a date, time or period.		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		
		204 CCYYMMDDHHMMSS		
		205 CCYYMMDDHHMMZHHMM		
		303 CCYYMMDDHHMMZZZ		
		718 CCYYMMDD-CCYYMMDD		

Group: **TMP** Segment Group 11: Temperature
Position: 0450
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to specify temperature relating to the equipment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0460	TMP	Temperature	M	1	
	0470	RNG	Range Details	C	1	

Segment: **TMP** Temperature
Position: 0460 (Trigger Segment)
Group: Segment Group 11 (Temperature) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify temperature relating to the equipment.

Comments:

Notes:

If the temperature value is negative the minus (-) sign must be transmitted in DE 6246. The minus sign and/or decimal point do not count in the total number of characters. This is demonstrated in the following example:

TMP+2+-4.0:CEL' (Transport temperature -4.0 degrees C)

Temperatures should only be expressed to one decimal place.

Example: TMP+2+10.0:CEL'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6245		TEMPERATURE TYPE CODE QUALIFIER	M 1 an..3	M
		Code qualifying the type of a temperature.		
		2 Transport temperature		
C239		TEMPERATURE SETTING	C 1	
		The temperature under which the goods are (to be) stored or shipped.		
	6246	Temperature degree	C n..15	
		To specify the value of a temperature.		
		Temperature setting		
	6411	Measurement unit code	C an..8	
		Code specifying the unit of measurement.		
		ITIGG recommends the use of one of the following codes from UN/ECE recommendation 20 as appropriate: ACB, CEL, CMT, FAH, FOT, GLI, GLL, INH, KNT, KGM, KWT, LBR, MQH, MTK, MTQ, MTR, TNE. However, if none of these apply, then any other code from UN/ECE recommendation 20 may be specified instead.		
		CEL Celsius		
		FAH Fahrenheit		

Segment: **RNG** Range Details
Position: 0470
Group: Segment Group 11 (Temperature) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify the means of transport to which the equipment is linked, necessary in cases where this forms the key to retrieve relevant information.

Comments:

Notes: The RNG has to be used with "5" in 6167

Example: RNG+5+CEL:9.5:10.5'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6167		RANGE TYPE CODE QUALIFIER Code qualifying a type of range. 5 Temperature range	M 1 an..3	M
C280		RANGE Range minimum and maximum limits.	C 1	
	6411	Measurement unit code Code specifying the unit of measurement. ITIGG recommends the use of one of the following codes from UN/ECE recommendation 20 as appropriate: ACB, CEL, CMT, FAH, FOT, GLI, GLL, INH, KNT, KGM, KWT, LBR, MQH, MTK, MTQ, MTR, TNE. However, if none of these apply, then any other code from UN/ECE recommendation 20 may be specified instead. CEL Celsius FAH Fahrenheit	M an..8	M
	6162	Range minimum quantity To specify the minimum value of a range. Minimum temperature	C n..18	
	6152	Range maximum quantity To specify the maximum value of a range. Maximum temperature	C n..18	

Group: **DAM** Segment Group 12: Damage
Position: 0480
Group: Segment Group 4 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to specify damage relating to the equipment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0490	DAM	Damage	M	1	
	0500	COD	Component Details	C	9	

Segment: **DAM** Damage
Position: 0490 (Trigger Segment)
Group: Segment Group 12 (Damage) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify damage relating to a preceding EQD segment.

Comments:

Notes: 7501/7503/7509/1229: Use of ISO 9897 codes is strongly recommended.

Example: DAM+'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7493		DAMAGE DETAILS CODE QUALIFIER Code qualifying the damage details. Refer to D.08B Data Element Dictionary for acceptable code values.	M 1 an..3	M
C821		TYPE OF DAMAGE To specify the type of damage to an object.	C 1	
	7501	Damage type description code Code specifying the type of damage to an object.	C an..3	
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	
		5 ISO (International Organization for Standardization)		
		306 SMDG (Ship-planning Message Design Group)		
	7500	Damage type description Free form description of the type of damage to an object.	C an..35	
		Free text.		
C822		DAMAGE AREA To specify where the damage is on an object.	C 1	
	7503	Damage area description code Code specifying where the damage is on an object.	C an..4	
		Code as per ISO 9897, Annex C		
	7502	Damage area description Free form description of where the damage is on an object.	C an..35	
C825		DAMAGE SEVERITY To specify the severity of damage to an object.	C 1	
	7509	Damage severity description code Code specifying the severity of damage.	C an..3	
		Code as per ISO 9897, Annex G.3		
	7508	Damage severity description Free form description of the severity of damage.	C an..35	
C826		ACTION To indicate an action which has been taken or is to be taken (e.g. in relation to a certain object).	C 1	
	1229	Action code Code specifying the action to be taken or already taken.	C an..3	
		Code as per ISO 9897, Annex F		
	1228	Action description Free form description of the action to be taken or already taken.	C an..35	

Segment: **COD** Component Details
Position: 0500
Group: Segment Group 12 (Damage) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify component details which relate to the damaged equipment.
Comments:
Notes: 7505/7507: Use of ISO 9897 codes is strongly recommended.

Example: COD+

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C823		TYPE OF UNIT/COMPONENT	C	1
		To identify the type of unit/component of an object (e.g. lock, door, tyre).		
	7505	Unit or component type description code	C	an..3
		Code specifying a type of unit or component. Code as per ISO 9897, Annex K&L		
C824	7504	Unit or component type description	C	an..35
		Free form description of a type of unit or component. Free text		
		COMPONENT MATERIAL	C	1
		To identify the material of which a component is composed (e.g. steel, plastics).		
	7507	Component material description code	C	an..3
	Code specifying a component material. Code as per ISO 9897, Annex E			
	7506	Component material description	C	an..35
	Free form description of a component material. Free text			

Segment: **UNT** Message Trailer
Position: 1130
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of a Message
Comments:

Data Element Summary

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

Segment: UNZ Interchange Trailer
Position: 1140
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To end and check the completeness of an interchange
Comments:

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0036		INTERCHANGE CONTROL COUNT	M 1 n..6	M
		Count either of the number of messages or, if used, of the number of functional groups in an interchange.		
0020		INTERCHANGE CONTROL REFERENCE	M 1 an..14	M
		Unique reference assigned by the sender to an interchange.		

TRANSHIPMENT MESSAGE / DAMAGE

UNB+UNOA:2+<Sender ID>+<Recipient ID>+080919:1100+641'
UNH+001+IFTSTA:D:08B:UN:SMDG10'
BGM+23+23456+9'
DTM+137:200809191100:203'

NAD+MS+8713755000059:160:87'
CTA+IC+:JACK COGAN'
COM+0031181234567:TE'
NAD+CF+NYK:160:20'

EQD+CN+SMDG3320500+2200:102:5++6+5'
STS+1+17:::BLOCKED BY CUSTOMS'
STS+1+102+78:::NOT RELEASED BY LINE'
MEA+AAE+T+KGM:2300'
MEA+AAE+G+KGM:23000'
SEL+728209+CA'
RFF+CN:500123789002'
TMD+3'

LOC+175:NLRTM+DDE:TER:ZZZ'
DTM+334:200809191100:203'

TDT+20+105S+1++XCL:172:20+++C4BP2:103::ATLANTIC COMET:CY'
RFF+VON:001-C105S'
RFF+RF:001-C105N'
RFF+ATZ:NLRTM08131182'
LOC+9+PTLIS:139:6'
LOC+11+NLRTM:139:6+DDE:TER:ZZZ'
DTM+178:200809171715:203'

TDT+30+152905+1++UFE:172:20+++C4WN2:103::HANSE VISION'
LOC+9+NLRTM'
DTM+133:200809201059:203'

DAM+1+1:::PANELEN+2:::LINKERKANT+X:::MAJOR DAMAGE,PUT EQUIP OUT OF SERV'
DAM+1+1:::PANELEN+4:::RECHTERKANT+X:::MAJOR DAMAGE,PUT EQUIP OUT OF SERV'

UNT+30+001'
UNZ+1+641'

EXPORT MESSAGE / TEMP

UNB+UNOA:2+<Sender ID>+<Recipient ID>+080923:1500+641'
UNH+001+IFTSTA:D:09B:UN:SMDG01'
BGM+23+23456+9'
DTM+137:200809231500:203'

NAD+MS+8713755000059:160:87'
CTA+IC+:JACK COGAN'
COM+0031181234567:TE'
NAD+CF+ACL:160:20'

EQD+CN+ACLU1234173+45H0:102:5++2+5'
STS+1+71+:::READY FOR TRANSPORTATION'
MEA+AAE+T+KGM:4500'
MEA+AAE+G+KGM:15379'
SEL+2173800+CA'
RFF+CN:S154335700'
RFF+AAE:23926784'
TMD+3'

LOC+175:NLRTM+DDE:TER:ZZZ'
DTM+334:200809191100:203'

TDT+10+BI/83651+2+25+ICF:172:87:ICF+++42610:146:ZZZ'
LOC+11+NLRTM'
DTM+178:200809191059:203'

TDT+20+C123E+1+++HLC:172:20+++DILE:103::LUDWIGSHAFEN EXPR:DE'
RFF+VON:C123E'
RFF+ATZ:NLRTM08134282'
LOC+9+NLRTM:139:6+DDE:TER:ZZZ'
LOC+11+USNYC'
DTM+133:200809281300:203'

TMP+2+4.0:CEL'

UNT+30+001'
UNZ+1+641'