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# **UN/EDIFACT Version D00B**

# IFTSTA International multimodal status report message

**Message Implementation Guide** 

Version 1.0.1



# **Change history**

Version	Date	Comments
1.0.0	01-Feb-2017	Initial version
1.0.1	13-Aug-2021	Correction of missing Ocean Status Event Codes: C - Estimated Time of Departure (ETD) Delay E - Estimated Time of Arrival (ETA) Delay

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#### 1 Audience

This document is intended for business, technical and EDI personnel engaged in establishing an electronic connection with Hamburg Süd for the purpose of receiving status messages for container movements (IFTSTA) via UN/EDIFACT Release D00B.

The following chapters provide information regarding General Conventions and Message Specifications.

#### 2 General Information

#### 2.1 Terminology

Within this manual specific terminology will be used that you may not be familiar with. In order to give you some guidance, please find below the most important EDI terms and their according definitions.

#### **Directory**

An EDI directory is published every 6 months in form of versions. The version name of the directory is named by 4 character mnemonic code made up of the year and part of year (identified by A or B). For example, the specifications within this manual conform to the directory approved by the United Nations in the second half of 2000 with a directory mnemonic code of D00B.

Each directory contains sub-directories for messages, segments, composites and data elements, all of which may change with directory versions. However, since a directory version is permanent, there is no need to update computer applications when specific directory has been adopted.

#### Interchange

An interchange is a group of messages that are sent in one transmission. This means that it is possible to have more than one message within an interchange.

#### Message

A message can be described as a business transaction. Therefore, where appropriate, a message is often referred to as transaction rather than message. For example, a transaction could be a new entry, a new line, a change to a line, a cancellation of line and so on.

A full list of messages can be seen in a sub-directory within all directory versions, called the message directory. Each message has its own description and structure, which may differ by directory version. The IFTSTA message is an example of this.

#### Segment

A segment is uniquely identified by a 3 character mnemonic tag, which is used as a reference to a common group of business information. Usually this will mean one segment contains one item of business data (i.e. field or attribute). For example Place of Origin, Port of Loading, Port of Discharge are all locations. Do the segment for location is used, called LOC. There are, however, segments that include more than one item of business data. For example Transport Mode and Voyage Number and Vessel are all classified as transport details included in the TDT segment.

Whilst a message has a standard structure of segments, there is also a separate subdirectory for segments within directory versions, known as the segment directory. Each segment has its own description and structure, which may differ by directory version.



#### **Service Segment**

A service segment is a segment that contains non-business related data. These segments usually encompass interchanges and messages, in the form of headers and trailers. For example UNB and UNZ service segments are header and trailer for an interchange and the UNG and UNT segments are header and trailer for message.

#### **Segment Group**

A segment group is a collection of segments that are related within a message structure. A simple example would be a group for details of transport. This would typically include a segment for the voyage (using TDT), reference (using RFF) and the locations (using LOC).

#### **Composite Element**

A composite element is a lower level of detail to identify business data within segment. It is normally used when a data item requires addition information. Each composite element has a unique code identifying it. A composite element could be used, for example when a data item is in the form of a code and it requires a type qualifier and also organization responsible for its maintenance. In case a group of data elements would be used to make composite element.

Whilst a segment has a standard structure of segments, there is also a separate subdirectory for composite elements within directory versions, known as the composite data element directory. Each composite element has its own description and structure, which may differ within directory version.

#### **Data Element**

A data element is the lowest level within the EDI structure for holding data. Each data element has a unique code identifying it. A data element can exist a stand-alone element or as a sub-element within a composite element.

There is also a separate sub-directory for data elements within directory versions, known as the data element directory. Like many other sub-directories, the data element sub-directory contains descriptions and various information. In addition, some data elements also have associated code lists, which are published by organizations such as the International Standards Organization (ISO). However, the United Nations also has its own code lists and, in addition, it is often possible for trading partner to use their own.

#### 2.2 Processing Guidelines

Hamburg Süd is sending status events via IFTSTA messages to the customer. A single message may contain several transactions.

EDI communication depends on Trading Partnership and will be mutually defined within a separate agreement. Common protocols for the transmission of messages are e.g. FTP or SFTP.



#### 2.3 Functional Description

#### Usage of Location Qualifier Code in the LOC Segment

Please consider the following rules when handling the port function codes:

- Ports used for transshipment will be reported with the location qualifier code "13".
- The LOC segment can include an activity location as a separate segment with the location qualifier code "175".
- Interim points are used for event locations and transports other than the main ocean legs. This can be e.g. terminal shunting's with barge, in transit rail events, etc. Those locations are also reported with location qualifier code "175".

#### Instructions for Usage of Rail Events

Besides regular rail events, Hamburg Süd will also send in-transit messages. When a train is passing specific locations on its way to the destination, Hamburg Süd will report those events as arrival at interim rail location (A) and departure from interim rail location (P).

Rail events will only contain the transport plan for the current rail leg. Often, rail events will not contain an UN location code. Instead they will contain a city name.

#### **Instructions for Usage of Truck Events**

Truck events will in most cases not contain an UN location code and will only contain the transport plan for the current truck leg.

#### Instructions for Usage of Administrative Events

Administrative events, such as Carrier Release, Customs Release, etc., will be reported without a detailed transport plan. Those events will only contain the location where the event occurred along with the standard references.

#### Differentiation of Vessel Load Events

Please note that load movements to a vessel are differentiated within this IFTSTA status message. Besides the regular vessel load event (AE), Hamburg Süd is also sending Feeder load (AP) as well as Barge load (AO) events.



#### 2.4 Status Indicators and Usage Indicators

#### 2.4.1 Status Indicators

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

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

#### 2.4.2 Usage Indicators

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

The Usage Indicators are:

<u>Value</u>	<u>Description</u>
M	Mandatory Indicates the item is mandatory in the UN/EDIFACT message.
R	Required Indicates the item must be transmitted in this implementation.
D	Dependent Indicates that the use of the item is depending on a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
С	Conditional/ Optional Indicates that this item is at the need or discretion of both trading partners.
Χ	Not Used Indicates that this item is not used in this implementation. If present, it will be disregarded.
NA	Not Recommended (Advised) Indicates the item needn't be transmitted in this implementation.
Α	Advised Indicates the item must is recommended to be transmitted in this implementation.

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



#### **2.4.3** Format

The format is used to describe the official format requirements within UN/EDIFACT directory.

#### **Examples**

a3	3 alphabetic characters, fixed length
n6	3 numeric characters, fixed length
an5	5 alphanumeric characters, fixed length
a6	up to 6 alphabetic characters
an35	up to 35 alphabetic characters
n6	up to 6 numeric characters



# 3 IFTSTA International Multimodal Status Report Message

#### Introduction:

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

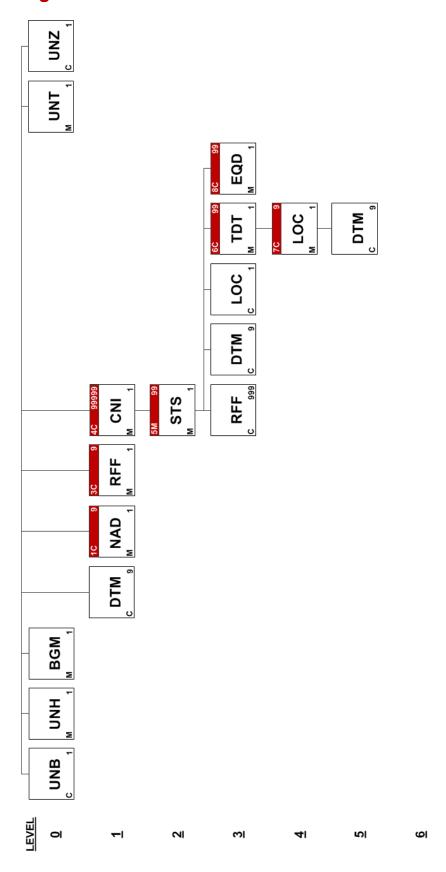
	Pos. <u>No.</u> 0005	Seg. <u>ID</u> UNB	Name Interchange Header	Req. <u>Des.</u> C	Max.Use	Group <u>Repeat</u>	Notes and Comments
М	0010	UNH	Message Header	M	1		
М	0020	BGM	Beginning of Message	M	1		
	0030	DTM	Date/Time/Period	С	9		
X	0040	TSR	Transport Service Requirements	С	1		
	0050		Segment Group 1: NAD-SG2	С		9	
М	0060	NAD	Name and Address	M	1		
X	0070		Segment Group 2: CTA-COM	С		9	
Χ	0800	CTA	Contact Information	М	1		
Χ	0090	COM	Communication Contact	С	9		
	0100		Segment Group 3: RFF-DTM	С		9	
М	0110	RFF	Reference	М	1		
Χ	0120	DTM	Date/Time/Period	С	1		
X	0130	LOC	Place/Location Identification	С	9		
Χ	0140	FTX	Free Text	С	9		
Χ	0150	CNT	Control Total	С	9		
	0160		Segment Group 4: CNI-LOC-CNT-SG5	С		99999	
М	0170	CNI	Consignment Information	М	1		
X	0180	LOC	Place/Location Identification	С	9		
Χ	0190	CNT	Control Total	С	9		
М	0200		Segment Group 5: STS-RFF-DTM-DOC- FTX-NAD-LOC-PCI-SG6-SG8-SG10	М		99	
М	0210	STS	Status	М	1		
	0220	RFF	Reference	С	999		
	0230	DTM	Date/Time/Period	С	9		
X	0240	DOC	Document/Message Details	С	1		
X	0250	FTX	Free Text	С	9		
Χ	0260	NAD	Name and Address	С	9		
	0270	LOC	Place/Location Identification	С	1		
Χ	0280	PCI	Package Identification	С	99		
	0290		Segment Group 6: TDT-DTM-RFF-SG7	С		99	
М	0300	TDT	Details of Transport	M	1		
X	0310	DTM	Date/Time/Period	С	9		
Χ	0320	RFF	Reference	С	9		
	0330		Segment Group 7: LOC-DTM	С		9	
M	0340	LOC	Place/Location Identification	M	1		



	0350	DTM	Date/Time/Period	С	9		
	0360		Segment Group 8: EQD-MEA-DIM-SEL- RFF-TPL-TMD-SG9	С		99	
М	0370	EQD	Equipment Details	М	1		
X	0380	MEA	Measurements	С	9		
X	0390	DIM	Dimensions	С	9		
X	0400	SEL	Seal Number	С	9		
X	0410	RFF	Reference	С	9		
X	0420	TPL	Transport Placement	С	9		
Χ	0430	TMD	Transport Movement Details	С	1		
X	0440		Segment Group 9: EQA-SEL	С		99	
Χ	0450	EQA	Attached Equipment	М	1		
Χ	0460	SEL	Seal Number	С	9		
X	0470		Segment Group 10: GID-HAN-SGP-DGS- FTX-SG11-SG12-SG13	С		99	
Χ	0480	GID	Goods Item Details	М	1		
Χ	0490	HAN	Handling Instructions	С	9		
Χ	0500	SGP	Split Goods Placement	С	99		
Χ	0510	DGS	Dangerous Goods	С	9		
Χ	0520	FTX	Free Text	С	9		
Χ	0530		Segment Group 11: MEA-EQN	С		99	
Χ	0540	MEA	Measurements	М	1		
Χ	0550	EQN	Number of Units	С	1		
Χ	0560		Segment Group 12: DIM-EQN	С		99	
X	0570	DIM	Dimensions	М	1		
Χ	0580	EQN	Number of Units	С	1		
X	0590		Segment Group 13: PCI-GIN	С		99	
Χ	0600	PCI	Package Identification	М	1		
Χ	0610	GIN	Goods Identity Number	С	9		
М	0620	UNT	Message Trailer	М	1		
	0630	UNZ	Interchange Trailer	С	1		



# 4 Branch Diagram





# **Segment Description**

**UNB** Interchange Header Segment:

Position: 0005

Group:

Level:

Usage: Conditional (Optional)

Max Use:

Purpose: To start, identify and specify an interchange

Comments:

Notes: Example Syntax:

UNB+UNOB:2+HAMSUD:ZZZ+RECEIVER\_ID:ZZZ+170216:1152+6997'

Data Element Summary									
	Data	Componer							
	Element	<u>Element</u>				<u>ributes</u>			
M	S001		SYNTAX IDENTI		M	1			
				ne agency controlling the syntax and in	dicatio	n of			
M		0001	syntax level.	_	М	-4			
М		0001	Syntax identifier			a4			
			used in an interch	ion of the agency controlling a syntax a	ana syr	itax ievei			
			Provided values:	iange.					
			UNOB	UN/ECE level B					
				As defined in the basic code table of	ISO 6	46 with			
				the exceptions of alternative graphic	charac	cter			
				allocations and national or application	n-orier	nted			
				graphic character allocations.		_			
M		0002	Syntax version i		M	n1			
			Version number of the syntax identified in the syntax identifier (0001).						
			Provided values:						
			2	Version 2					
				ISO 9735:1990.					
М	S002		INTERCHANGE		M	1			
				ne sender of the interchange.					
M		0004	Sender identification	ation	M	an35			
				epresentation of the sender of a data in	ntercha	inge.			
			Provided values:						
			HAMSUD	Hamburg Süd Sender ID					
		0007	Partner identific	ation code qualifier	С	an4			
				to the source of codes for the identifie	ers of				
			interchanging par	rtners.					
			Provided values:	<b>.</b>					
			ZZZ	Mutually defined					
				Mutually defined between trading pa	_				
X		8000	Address for reve	•	С	an14			
M	S003		INTERCHANGE		M	1			
				ne recipient of the interchange.					
M		0010	Recipient identif		M	an35			
			Name or coded representation of the recipient of a data interchange.						



		0007	Partner identification code qualifier  Qualifier referring to the source of codes for the identifier				an4
			interchanging partners. Provided values:				
			ZZZ Mutually defi	ned			
			•	ned between trading par	tners.		
X		0014	Routing address		С		an14
M	S004		DATE AND TIME OF PREPARA	ATION	М	1	
			Date and time of preparation of	the interchange.			
M		0017	Date of preparation	· ·	М		n6
			Local date when an interchange	or a functional group wa	as prepa	are	ed.
			Format YYMMDD	į .			
			Example: 160526 (26th May 201	16)			
M		0019	Time of preparation		М		n4
			Local time of day when an interc prepared.	change or a functional gr	oup wa	S	
			Format HHMM				
			Example: 2245 (10:45 pm)				
М	0020		INTERCHANGE CONTROL RE	FERENCE	М	1	an14
			Unique reference assigned by the		nae.		
X	S005		RECIPIENTS REFERENCE PA		C	1	
			Reference or password as agree partners.	ed between the commur	icating		
X		0022	Recipient reference/password		М		an14
			Unique reference assigned by the password to the recipient's systematics.	ne recipient to the data in	nterchai		
			specified in the partners intercha				
X		0025	Recipient reference/password		С		an2
			Qualifier for the recipient's refere	ence or password.			
			Refer to D.00B Data Element Di	ctionary for acceptable of	code va	lue	s.
X	0026		APPLICATION REFERENCE		С	1	an14
X	0029		PROCESSING PRIORITY COD		С	1	a1
			Refer to D.00B Data Element Di			lue	s.
X	0031		ACKNOWLEDGEMENT REQU		С		n1
			Refer to D.00B Data Element Di	•		lue	s.
X	0032		COMMUNICATIONS AGREEM	ENT ID	С	1	an35
X	0035		TEST INDICATOR		С	1	n1
			Refer to D.00B Data Element Di	ctionary for acceptable of	code va	lue	S.



Segment: UNH Message Header

Position: 0010

Group: Level: 0

**Usage:** Mandatory

Max Use: 1

**Purpose:** A service segment starting and uniquely identifying a message. The message

type code for the 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 00B 0051

UN

Comments:

**Notes:** Example Syntax:

UNH+71684+IFTSTA:D:00B:UN'

Data Element Summary  Data Component								
	Element	Element			Attr	but	es	
M	0062		MESSAGE REFE	MESSAGE REFERENCE NUMBER				
			Unique message r	eference assigned by the sender.				
M	S009		<b>MESSAGE IDENT</b>	TFIER	M	1		
			Identification of the interchanged.	e type, version etc. of the message be	ing			
M		0065	Message type ide	entifier	M		an6	
			agency.	type of message and assigned by its	control	ing		
			Provided values:					
			IFTSTA	International multimodal status report A code to identify the international m report message.		-	tatus	
М		0052	Message type vei	, ,	М		an3	
			Version number of a message type.					
			Provided values:					
			D	Draft version/UN/EDIFACT Directory				
				Message approved and issued as a control (Valid for directories published after I prior to March 1997). Message approximated message (Valid for director after March 1997).	draft me March 1 oved as	1993 a	3 and	
M 0054		0054	Message type rel	ease number	M		an3	
			(0052).	vithin the current message type versio	n numb	er		
			Provided values:	D-1 0000 D				
			00B	Release 2000 - B			200	
				Message approved and issued in the release of the UNTDID (United Natio Interchange Directory).				



M		0051	Controlling ager	ncy the agency controlling the specificatio	<b>M</b> n main	itena	an2
				f the message type.	.,a		
			Provided values:	, , , , , , , , , , , , , , , , , , ,			
			UN	UN/CEFACT			
				United Nations Centre for Trade Fa Electronic Business (UN/CEFACT).		n an	d
X		0057	Association ass	igned code	С		an6
X	0068		COMMON ACCE	SS REFERENCE	С	1	an35
			Reference serving the same busines	g as a key to relate all subsequent tra ss case or file.	nsfers	of da	ata to
X	S010		STATUS OF THE	TRANSFER	С	1	
			Statement that th to the same topic	e message is one in a sequence of tra	ansfers	rela	ting
X		0070	Sequence mess	age transfer number	M		n2
				by the sender indicating that the mede e of a previously sent message relation			
X		0073	First/last sequer	nce message transfer indication	С		a1
			type of message	or the first and last message in a sequi relating to the same topic. ata Element Dictionary for acceptable			



Segment: **BGM** Beginning of Message

Position: 0020

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:** Example Syntax:

BGM+23+7BELCV1099+9'

	Data	Componen		•			
	Element	<u>Element</u>		COACE NAME	Attr	<u>ibu</u>	<u>tes</u>
	C002		DOCUMENT/ME		C	1	
				type of document/message by code or	name.	Cc	ode
		1001	preferred.  Document name	code	С		an3
		1001		he document name.	•		u110
			Provided values:	ne document name.			
			23	Status information			
			23		rolotod		
				Information regarding the status of a message.	related	1	
Χ		1131	Code list identif	ication code	С		an17
			Refer to D.00B D	ata Element Dictionary for acceptable of	code va	alue	es.
Χ		3055	Code list respon	sible agency code	С		an3
			Refer to D.00B D	ata Element Dictionary for acceptable	code va	alue	es.
Χ		1000	Document name	•	С		an35
	C106		DOCUMENT/ME	SSAGE IDENTIFICATION	С	1	
				document/message by its number and	eventu	ıall	y its
			version or revisio	• • •	_		
		1004	Document ident		С		an35
			To identify a docu		_		_
X		1056	Version identifie		С		an9
X		1060	Revision identifi	· <del>··</del>	С		an6
	1225		MESSAGE FUNC	CTION CODE	С	1	an3
				ne function of the message.			
			Provided values:				
			9	Original			
				Initial transmission related to a given	transa	ctio	n.
X	4343		RESPONSE TYP	PE CODE	С	1	an3
			Refer to D.00B D	ata Element Dictionary for acceptable of	code va	ılue	es.



Segment: DTM Date/Time/Period

Position: 0030

Group: Level: 1

**Usage:** Conditional (Optional)

Max Use: 9

**Purpose:** A segment indicating the date of the message.

Comments:

Notes: Example Syntax:

DTM+137:201702161146:203'

#### **Data Element Summary**

	Data	Componer	nt	•				
	<b>Element</b>	<b>Element</b>	<u>Name</u>		<u>Att</u>	<u>ributes</u>		
M	C507		DATE/TIME/PERI	IOD	M	1		
				or period relevant to the specified dat	e/time/	period		
M		2005	type.  Date or time or p	eriod function code qualifier	М	an3		
			Code qualifying th	Code qualifying the function of a date, time or period.				
			Provided values:					
			137	Document/message date/time				
			(2006) Date/time when a document/message is issued. This may include authentication.					
		2380	Date or time or p	•	С	an35		
			The value of a dat representation.	te, a date and time, a time or of a peri-	od in a	specified		
		2379	•	eriod format code	С	an3		
			Code specifying th	ne representation of a date, time or pe	eriod.			
			Provided values:					
			203	CCYYMMDDHHMM				
				Calendar date including time with mice-Century; Y=Year; M=Month; D=D		Hour;		

M=Minutes.



# 5.1 Group: NAD Segment Group 1: Name and Address

Position: 0050

Group:

Level:

**Usage:** Conditional (Optional)

Max Use: 9

Purpose: A group of segments to specify a party and its associated contacts with

communication numbers.

#### **Segment Summary**

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	Repeat
M	0060	NAD	Name and Address	M	1	



Segment: NAD Name and Address
Position: 0060 (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:** Example Syntax:

NAD+CA+SUDU:160++HAMBURG-SUED+WILLY-BRANDT-STR. 59-

61+HAMBURG++20457+DE'

	Data ( <u>Element</u>	Componer <u>Element</u>		·	Δt	tributes
М	3035	Lionione		UNCTION CODE QUALIFIER	M	1 an3
			Code givi	ing specific meaning to a party.		
			Provided	values:		
			CA	Carrier		
				(3126) Party undertaking or arrangi	ng tran	sport of
	C082		DADTVI	goods between named points.  DENTIFICATION DETAILS	С	1
	C062				C	I
М		3039		tion of a transaction party by code.	М	an35
IVI		3039	Party ide		IVI	a1135
				ecifying the identity of a party.		
		1131		SCAC code (Used to identify the carrier)	С	an17
		1131			C	a1111
			Provided	ntifying a code list.		
			160			
			160	Party identification	oto	
X		3055	Codo lice	Identification of parties, corporates, tresponsible agency code	ею. <b>С</b>	an3
^		3033			•	
Х	C058			D.00B Data Element Dictionary for acceptable ND ADDRESS	C	values. <b>1</b>
^	C036			ured name and address; one to five lines.	C	'
X		3124		d address description	М	an35
^		3124		n description of a name and address line.	IVI	a1135
X		3124		d address description	С	an35
^		3124		n description of a name and address line.	C	a1155
X		3124		d address description	С	an35
^		3124		n description of a name and address line.	J	an55
X		3124		d address description	С	an35
^		3124		n description of a name and address line.	J	an55
Χ		3124		d address description	С	an35
^		0127		n description of a name and address line.	•	41155
	C080		PARTY N	•	С	1
	2000		Identifica	tion of a transaction party by name, one to five by be formatted.	_	•



М		3036	Party name	M		an35
			Name of a party.			
			Provided values:			
			HAMBURG-SUED			
			Hamburg Süd			
X		3036	Party name	С		an35
X		3036	Party name	С		an35
X		3036	Party name	С		an35
X		3036	Party name	С		an35
X		3045	Party name format code	С		an3
			Refer to D.00B Data Element Dictionary for acceptable	code v	alu	es.
	C059		STREET	С	1	
			Street address and/or PO Box number in a structured a	ddress	: or	e to
М		2042	four lines.	М		an 2E
M		3042	Street and number or post office box identifier		_	an35
v		2042	To identify a street and number and/or Post Office box		١.	an 2E
X X		3042 3042	Street and number or post office box identifier	C C		an35 an35
X		3042 3042	Street and number or post office box identifier	C		an35
^	3164	3042	Street and number or post office box identifier CITY NAME	C	1	an35
	3104		Name of a city.	C	I	a1155
X	C819		COUNTRY SUB-ENTITY DETAILS	С	1	
X	0013		To specify a part of a country (eg county or part of a city	_	•	
X		3229	Country sub-entity name code	,,. C		an9
Α		0220	Code specifying the name of a country sub-entity.			aiiio
X		1131	Code list identification code	С		an17
			Code identifying a code list.	•		<b></b>
			Refer to D.00B Data Element Dictionary for acceptable	code v	alu	es.
X		3055	Code list responsible agency code	С		an3
			Code specifying the agency responsible for a code list.			
			Refer to D.00B Data Element Dictionary for acceptable	code v	alu	es.
X		3228	Country sub-entity name	С		an35
			Name of a country sub-entity.			
	3251		POSTAL IDENTIFICATION CODE	С	1	an17
			Code specifying the postal zone or address.			
	3207		COUNTRY NAME CODE	С	1	an3
			Identification of the name of the country or other geogra	phical	ent	ity as
			specified in ISO 3166.			



# 5.2 Group: RFF Segment Group 3: Reference

Position: 0100

Group:

Level:

**Usage:** Conditional (Optional)

Max Use: 9

**Purpose:** To relate a date/time to a reference, such as date of shipment reference number.

#### **Segment Summary**

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0110	RFF	Reference	$\overline{M}$	1	



Segment: RFF Reference
Position: 0110 (Trigger Segment)

**Group:** Segment Group 3 (Reference) Conditional (Optional)

Level:

**Usage:** Mandatory

Max Use: 1

**Purpose:** A segment identifying a reference which applies to the entire consignment.

In this segment only 9 references can be transmitted. The rest of the references will be transmitted in the RFF segment within the segmentgroup 5 (status loop).

**Comments:** 

Notes: Example Syntax:

RFF+BN:6HSDTU1112'

RFF+BM:SUDUN6HSDTU1112X'

		_		ent Summary				
	Data Element	Componer Element			<u>Attrik</u>	NII TAS		
M	C506	Licinoni	REFERENCE		M 1			
			Identification of a	reference.				
M		1153	Reference code of	qualifier	M	an3		
			Code qualifying a	reference.				
			Provided values:					
			4F	Carrier-assigned Shipper Number				
			AAZ	Standard Carrier Alpha Code (SCA	C) numbe	er		
				For maritime shipments, this code of Standard Alpha Carrier Code (SCA) the United Stated National Motor Trunc.	qualifies a AC) as issued by			
			ВМ	Bill of lading number				
			Reference number assigned to a bill of ladin 1001 = 705.					
			BN					
				[1016] Reference number assigned his agent when cargo space is rese loading.				
			CO	Buyers order number				
				[1022] Reference number assigned an order.	by the bu	yer to		
			CR	Customer reference number				
				Reference number assigned by the transaction.		r to a		
			FF	Freight forwarder's reference numb				
			ENI	[1460] Reference number assigned consignment by the freight forwards				
			FN	Freight bill number Reference number assigned by issu	uing party	to a		
			IB	freight bill. In bond number				
				Customs assigned number that is u	sed to co	ntrol		



#### the movement of imported cargo prior to its formal Customs clearing.

1156	Document line id	entifier	С	an6		
	Identifies a referen	ice.				
1154	Reference identif	ier	С	an70		
	SI	SID (Shipper's identifying number for	or shipment)			

	1154	Reference identifier	С	an70
		Identifies a reference.		
X	1156	Document line identifier	С	an6
X	4000	Reference version identifier	С	an35
X	1060	Revision identifier	С	an6



# 5.3 Group: CNI Segment Group 4: Consignment Information

Position: 0160 Group:

Level: 1

**Usage:** Conditional (Optional)

Max Use: 99999

**Purpose:** A group of segments to identify a consignment and status details relating to it.

#### **Segment Summary**

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0170	CNI	Consignment Information	M	1	
	0200		Segment Group 5: Status	M		99



Segment: **CNI** Consignment Information

**Position:** 0170 (Trigger Segment)

**Group:** Segment Group 4 (Consignment Information) Conditional (Optional)

Level:

**Usage:** Mandatory

Max Use: 1

**Purpose:** A segment to identify a consignment for which status details are given.

Comments:

Notes: Example Syntax:

CNI+1'

	Data (	Componen	t			
	<b>Element</b>	<b>Element</b>	<u>Name</u>	<u>Attr</u>	ibu	<u>tes</u>
	1490		CONSOLIDATION ITEM NUMBER	С	1	n4
			To specify a consignment within a consolidation.			
			Always '1'			
X	C503		DOCUMENT/MESSAGE DETAILS	С	1	
			Identification of document/message by number, status,	source	and	d/or
			language.			
X		1004	Document identifier	С		an35
			To identify a document.			
X		1373	Document status code	С		an3
			Code specifying the status of a document.			
			Refer to D.00B Data Element Dictionary for acceptable of	code va	alue	s.
X		1366	Document source description	С		an70
			Free form description of the source of a document.			
Χ		3453	Language name code	С		an3
			Code specifying the language name.			
Χ		1056	Version identifier	С		an9
			To identify a version.			
Χ		1060	Revision identifier	С		an6
			To identify a revision.			
X	1312		CONSIGNMENT LOAD SEQUENCE IDENTIFIER	С	1	n4



# 5.4 Group: STS Segment Group 5: Status

Position: 0200

**Group:** Segment Group 4 (Consignment Information) Conditional (Optional)

Level: 2

**Usage:** Mandatory

Max Use: 99

Purpose: A group of segments indicating the status and/or identifying an event and

specifying relevant details.

#### **Segment Summary**

	Pos.	Seg.		Req.	Max. Grou	ıp:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	Use Repe	eat
M	0210	STS	Status	M	1	
	0220	RFF	Reference	С	999	
	0230	DTM	Date/Time/Period	С	9	
	0270	LOC	Place/Location Identification	С	1	
	0290		Segment Group 6: Details of Transport	С	99	
	0360		Segment Group 8: Equipment Details	С	99	



Segment: STS Status

**Position:** 0210 (Trigger Segment)

Group: Segment Group 5 (Status) Mandatory

Level: 2

**Usage:** Mandatory

Max Use:

**Purpose:** A segment specifying the status relating to a consignment (e.g. loaded).

Comments:

Notes: Example Syntax:

STS+1+VA:HS:Vessel Arrival'

		Componer			
	Element	<u>Element</u>			<u>butes</u>
	C601		STATUS CATEGORY	С	1
RA		0015	To specify the category of the status.	R.A	an 2
М		9015	Status category code	M	an3
			Code specifying the category of a status.  Provided values:		
			· · · · · · · · · · · · · · · · · · ·		
X		1131	Status type is related to transport.  Code list identification code	С	an17
^		1131		•	•
Χ		3055	Refer to D.00B Data Element Dictionary for acceptable of Code list responsible agency code	C	an3
^		3033	Refer to D.00B Data Element Dictionary for acceptable	•	
	C555		STATUS	C	1 1
	C333		To specify a status.	C	1
М		4405	Status description code	М	an3
IVI		4403	Code specifying a status.	IVI	aiis
			Please refer to the status event codes list in the append	iv	
Χ		1131	Code list identification code	C	an17
^		3055	Code list responsible agency code	C	an3
		3033	Code specifying the agency responsible for a code list.	C	a115
			Provided values:		
			HS Hamburg Sued		
		4404	Status description	С	an35
		7707	Free form description of a status.	J	u1100
X	C556		STATUS REASON	С	1
^	0000		To specify the reason for a status.	•	•
X		9013	Status reason description code	M	an3
			Code specifying the reason for a status.		
			Refer to D.00B Data Element Dictionary for acceptable	code va	lues.
Χ		1131	Code list identification code	С	an17
			Code identifying a code list.		2
			Refer to D.00B Data Element Dictionary for acceptable	code va	lues.
Χ		3055	Code list responsible agency code	C	an3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable	code va	lues.
			,	-	



X		9012	Status reason description	С	an256
X	C556		Free form description of the status reason.  STATUS REASON	С	1
^	C336		To specify the reason for a status.	C	1
Χ		9013	Status reason description code	M	an3
			Code specifying the reason for a status.		
			Refer to D.00B Data Element Dictionary for acceptable	code v	alues.
X		1131	Code list identification code	С	an17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable		alues.
X		3055	Code list responsible agency code	С	an3
			Code specifying the agency responsible for a code list.		
V		0040	Refer to D.00B Data Element Dictionary for acceptable		
X		9012	Status reason description	С	an256
Χ	C556		Free form description of the status reason.  STATUS REASON	С	1
^	0330		To specify the reason for a status.	O	•
Χ		9013	Status reason description code	M	an3
		00.0	Code specifying the reason for a status.		u
			Refer to D.00B Data Element Dictionary for acceptable	code v	alues.
X		1131	Code list identification code	С	an17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable	code v	alues.
X		3055	Code list responsible agency code	С	an3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable	code v	alues.
X		9012	Status reason description	С	an256
			Free form description of the status reason.	_	
X	C556		STATUS REASON	С	1
v		0042	To specify the reason for a status.		an 2
X		9013	Status reason description code	M	an3
			Code specifying the reason for a status.  Refer to D.00B Data Element Dictionary for acceptable	code v	aluee
Χ		1131	Code list identification code	C	an17
X			Code identifying a code list.		ann.
			Refer to D.00B Data Element Dictionary for acceptable	code v	alues.
X		3055	Code list responsible agency code	С	an3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable	code v	alues.
X		9012	Status reason description	С	an256
			Free form description of the status reason.		
X	C556		STATUS REASON	С	1
			To specify the reason for a status.		
X		9013	Status reason description code	M	an3
			Code specifying the reason for a status.		.1
v		4404	Refer to D.00B Data Element Dictionary for acceptable		
X		1131	Code list identification code	С	an17



		Code identifying a code list.  Refer to D.00B Data Element Dictionary for acceptable	code va	alues.
X	3055	Code list responsible agency code	С	an3
		Code specifying the agency responsible for a code list.		
		Refer to D.00B Data Element Dictionary for acceptable	code va	alues.
X	9012	Status reason description	С	an256
		Free form description of the status reason.		



Segment: RFF Reference

Position: 0220

Group: Segment Group 5 (Status) Mandatory

Level: 3

**Usage:** Conditional (Optional)

**Max Use:** 999

Purpose: A segment identifying a reference relating to the status (e.g. Bill of Lading

number).

Comments:

**Notes:** Example Syntax:

RFF+EQ:HASU4316117'

	Data	Componer	nt			
	<u>Element</u>	<u>Element</u>			Attrik	
M	C506		REFERENCE		M	1
			Identification of a	reference.		
			Example Syntax:			
			RFF+BN:7BELCV	<b>'</b> 1099'		
M		1153	Reference code	qualifier	M	an3
			Code qualifying a	reference.		
			Provided values:			
			BM	Bill of lading number		
				Reference number assigned to a bill 1001 = 705.	of lading	ı, see:
			BN	Booking reference number		
				[1016] Reference number assigned his agent when cargo space is reser loading.	-	
			EQ	Equipment number		
			SN	Number assigned by the manufacture quipment. Seal number	er to spe	cific
			O.V	[9308] Identification number on Cust seals affixed to containers or other to		
		1154	Reference identif		C	an70
			Identifies a referei	nce.		
X		1156	Document line id	lentifier	С	an6
X		4000	Reference version	on identifier	С	an35
X		1060	Revision identifie	er	С	an6



Segment: DTM Date/Time/Period

Position: 0230

Group: Segment Group 5 (Status) Mandatory

Level: 3

**Usage:** Conditional (Optional)

Max Use: 9

**Purpose:** A segment indicating the date and time of the status or event.

Comments:

Notes: Example Syntax:

DTM+334:201611161146:203'

#### **Data Element Summary**

	Data	Componen	nt	•			
	<b>Element</b>	<b>Element</b>	<u>Name</u>		Att	<u>ributes</u>	
M	C507		DATE/TIME/PERI	OD	M	1	
			Date and/or time, type.	or period relevant to the specified date	e/time/ <sub> </sub>	period	
M		2005	Date or time or p	eriod function code qualifier	M	an3	
			Code qualifying th	e function of a date, time or period.			
			Provided values:				
			334	Status change date/time			
				Date/time when a status changes.			
		2380	Date or time or p	eriod value	С	an35	
		The value of a date, a date and time, a time or of a pe representation.					
		2379	Date or time or p	eriod format code	С	an3	
			Code specifying th	ne representation of a date, time or pe	riod.		
			Provided values:				
			203	CCYYMMDDHHMM			
				Calendar date including time with mi C=Century; Y=Year; M=Month; D=D		Hour;	

M=Minutes.



Segment: LOC Place/Location Identification

Position: 0270

Group: Segment Group 5 (Status) Mandatory

Level: 3

**Usage:** Conditional (Optional)

Max Use: 1

**Purpose:** A segment identifying the location at which the status or event occurs.

Comments:

Notes: Example Syntax:

LOC+175+DEHAM:227::HAMBURG+DE:162'

	Data C	omponei	nt	<u> </u>			
		Element				<u>ributes</u>	
М	3227			N FUNCTION CODE QUALIFIER	M	1 an3	
				ifying the function of a location.			
			Provided va				
			175	Activity location			
				A place at which the activity occurs.			
	C517		LOCATION	N IDENTIFICATION	С	1	
				on of a location by code or name.			
		3225	Location n		С	an25	
				Code specifying the name of the location.			
				on United Nations Location Code (UNLOCO	DE) is	provided.	
		1131	Code list i	dentification code	С	an17	
			Code ident	ifying a code list.			
			Provided va	alues:			
			227	City			
X		3055	Code list r	esponsible agency code	С	an3	
		3224	Location n	name	С	an256	
			Name of th	e location.			
	C519		RELATED	LOCATION ONE IDENTIFICATION	С	1	
			Identification	on the first related location by code or name.			
		3223	First relate	ed location name code	С	an25	
				ifying first related location.			
				er Country code			
		1131		dentification code	С	an17	
				ifying a code list.			
			Provided va				
			162	Country			
				Identification of a country.		_	
X		3055		esponsible agency code	С	an3	
				00B Data Element Dictionary for acceptable			
X		3222		ed location name	С	an70	
X	C553			LOCATION TWO IDENTIFICATION	С	1	
				on of second related location by code or nam			
X		3233		lated location name code	С	an25	
			•	ifying the second related location.			
X		1131	Code list i	dentification code	С	an17	



			Code identifying a code list.  Refer to D.00B Data Element Dictionary for accept	able code v	values.
X		3055	Code list responsible agency code	С	an3
			Code specifying the agency responsible for a code	list.	
			Refer to D.00B Data Element Dictionary for accept	able code	values.
X		3232	Second related location name	С	an70
			Name of the second related location.		
X	5479		RELATION CODE	С	1 an3



# 5.5 Group: TDT Segment Group 6: Details of Transport

Position: 0290

Group: Segment Group 5 (Status) Mandatory

Level: 3

**Usage:** Conditional (Optional)

Max Use: 99

**Purpose:** A group of segments indicating conveyance details related to the status or event.

#### **Segment Summary**

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0300	TDT	Details of Transport	M	1	
	0330		Segment Group 7: Place/Location Identification	С		9



Segment: TDT Details of Transport 0300 (Trigger Segment)

**Group:** Segment Group 6 (Details of Transport) Conditional (Optional)

Level: 3

**Usage:** Mandatory

Max Use:

**Purpose:** A segment identifying conveyance related to the status or event such as

vessel/voyage.

Comments:

**Notes:** Example Syntax:

TDT+20+701S+1+13+SUDU:172::HAMBUERG-SUED+++9449160:146:11:CAP

SAN MARCO'

	Data C	`amnanar		chi Gammary			
	Element	Componer Element			Δttı	ibu	tes.
М	8051	Licinoni		AGE CODE QUALIFIER	M	1	an3
				specific stage of transport.			
			Provided values:	, ,			
			1	Inland transport			
			20	Transport by which goods are moved frontier, or between inland points.  Main-carriage transport	d from	or to	the
				The primary stage in the movement the point of origin to the intended des	stinatio	n.	
	8028			NSPORT JOURNEY IDENTIFIER	С	1	an17
				ey of a means of transport.			
			Voyage Number is				
	C220		MODE OF TRANS		С	1	
				ort code or name. Code preferred.			
		8067	Transport mode		С		an3
				ne name of a mode of transport.			
			Provided values:				
			1	Maritime Transport			
			2	Rail Transport			
			3	Road Transport			
X		8066	Transport mode		С		an17
	C228		TRANSPORT ME		С	1	
				e identifying the type of means of trans	•		_
		8179		s description code	С		an8
				ne means of transport.			
			Provided values:				
			13	Ocean vessel			
			40	An ocean-going vessel that is not a s	ship.		
			16	Barge			
				A category of boat used to transport water.	materi	ai ov	er
			25	Rail express			
			31	Truck			
			<b>.</b>	An automotive vehicle for hauling go	ods.		
				and the second s			



X		8178	Transport mean	s description	С	an17
	C040		CARRIER		С	1
			Identification of a	carrier by code and/or by name. Code	e prefer	red.
		3127	Carrier identifie	r	С	an17
			To identify a carri	ier.		
			Carrier SCAC Co	ode is provided.		
		1131	Code list identif	ication code	С	an17
			Code identifying	a code list.		
			Provided values			
			172	Carriers		
				Code list identifying carriers.		
X		3055	Code list respor	nsible agency code	С	an3
			Refer to D.00B D	ata Element Dictionary for acceptable	code v	alues.
		3128	Carrier name		С	an35
			Name of a carrier	r.		
X	8101		TRANSIT DIREC	CTION INDICATOR CODE	С	1 an3
			Refer to D.00B D	ata Element Dictionary for acceptable	code v	alues.
X	C401		EXCESS TRANS	SPORTATION INFORMATION	С	1
				s of reason for, and responsibility for,	use of	
X		0.457	•	ner than normally utilized.	М	on 2
^		8457	•	rtation reason code	IVI	an3
				the reason for excess transportation.	codo v	aluee
X		8459		tata Element Dictionary for acceptable	M	_
^		0439		rtation responsibility code		an3
			, , ,	the responsibility for excess transporta lata Element Dictionary for acceptable		aluec
X		7130		nent authorisation identifier	Code v	an17
^		7130		ithorisation to ship issued by the custo		a1117
	C222		TRANSPORT ID		C C	1
	OLLL			ne identifying the means of transport.	J	•
		8213		s identification name identifier	С	an9
		02.0	-	ne of the transport means.		u
				de complies the Lloyd's Register of Sh	ippina.	
		1131	Code list identif		C	an17
			Code identifying			
			Provided values:			
			146	Means of transport identification		
				Code identifying the name or number	er of a r	neans of
				transport (vessel, vehicle).		
		3055	-	nsible agency code	С	an3
			. , ,	the agency responsible for a code list.		
			Provided values			
			11	Lloyd's register of shipping		
				A register of ocean going vessels m	aintaine	ed by
		8212	Transnort mean	Lloyd's of London. s identification name	С	an35
		UZ 1Z	-	a means of transport.	•	a11JJ
			Vessel Name is p	· · · · · · · · · · · · · · · · · · ·		
			voodel Name is p	oridod.		



X 8453 Transport means nationality code C an...3
X 8281 TRANSPORT MEANS OWNERSHIP INDICATOR C 1 an...3
CODE

Refer to D.00B Data Element Dictionary for acceptable code values.



## 5.6 Group: LOC Segment Group 7: Place/Location Identification

Position: 0330

**Group:** Segment Group 6 (Details of Transport) Conditional (Optional)

Level: 4

**Usage:** Conditional (Optional)

Max Use: 9

**Purpose:** A group of segments indicating locations related to the means of transport.

## **Segment Summary**

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0340	LOC	Place/Location Identification	M	1	
	0350	DTM	Date/Time/Period	С	9	

0



Segment: LOC Place/Location Identification

**Position:** 0340 (Trigger Segment)

**Group:** Segment Group 7 (Place/Location Identification) Conditional (Optional)

Level: 4

**Usage:** Mandatory

Max Use: 1

Purpose: A segment indicating locations related to conveyance such as goods

origin/destination.

Comments:

**Notes:** Example Syntax:

LOC+9+DEHAM:139::HAMBURG DE'

				ent Summary		
		Componen				
М	Element 3227	<u>Element</u>		CTION CODE QUALIFIER	Attri M	<u>butes</u> 1 an3
IVI	JZZI			ne function of a location.	IVI	1 all3
			Provided values:	le function of a location.		
			7	Place of delivery		
			1	(3246) Place to which the goods are	to he fir	valle
				delivered under transport contract ter		
				term).	(- -	
			9	Place/port of loading		
				(3334 + 3230) Seaport, freight termin		
				or other place at which the goods (ca on to the means of transport being us		
				carriage.	seu ioi i	Hell
			11	Place/port of discharge		
				(3392 + 3414) Seaport, freight termin	al, rail s	station
				or other place at which the goods (ca	• ,	
				unloaded from the means of transpor	rt having	g been
			13	used for their carriage. Place of transhipment		
			. •	(3424) Place where goods are transf	erred fro	om one
				means of transport to another (opera		
			29	Railway station		
				Name or identification of a railway sta	ation/ya	rd
			88	relevant to a particular consignment. Place of receipt		
			00	Identification of the location at which	the card	no is
				actually received.	ino oung	,0 .0
	C517		LOCATION IDEN		С	1
			Identification of a I	ocation by code or name.		
		3225	Location name co		С	an25
			. , ,	ne name of the location.		
				ed Nations Location Code (UNLOCOD	E) or ci	ty name
			is provided.  Example UN locat	ion code: USDAL (Dallas, TX, US)		
				e: JACKSONVILLE, FL, US		
		1131	Code list identific		С	an17
			Code identifying a	code list.		
			Provided values:			



			139	Port			
				A location having facilities for means	s of tra	nspo	ort to
			007	load or discharge cargo.			
			227	City			
V		0055	0 1 11 4	Identifies a code list containing cities			_
X		3055	-	nsible agency code	С		an3
		2224		ata Element Dictionary for acceptable		/alue	
		3224	Location name		С		an256
			Name of the loca				
X	C519			ATION ONE IDENTIFICATION	С	1	
				first related location by code or name.			
X		3223		ation name code	С		an25
				first related location.			
X		1131	ISO 2-Letter Cou Code list identif		С		an17
^		1131	Code identifying		C		a1111
Χ		3055	, ,	a code list. nsible agency code	С		an3
^		3033	-	ata Element Dictionary for acceptable	•	رمايير	
Х		3222	First related loc		C	aiue	an70
X	C553	3222		ATION TWO IDENTIFICATION	C	1	a1170
^	<b>C</b> 333				_	'	
X		3233		econd related location by code or nam location name code	е. С		an25
^		3233			C		a1125
X		1131	Code specifying to	the second related location.	С		an17
^		1131			C		an 17
			Code identifying			ء ا م ،	
v		2055		ata Element Dictionary for acceptable		/aiue	
X		3055	•	nsible agency code	С		an3
				the agency responsible for a code list.	1 .		
V		2020		ata Element Dictionary for acceptable		/aiue	
X		3232	Second related		С		an70
v	F 4=0			ond related location.	•		
X	5479		RELATION COD	E	С	1	an3



Segment: DTM Date/Time/Period

Position: 0350

**Group:** Segment Group 7 (Place/Location Identification) Conditional (Optional)

Level: 5

**Usage:** Conditional (Optional)

Max Use: 9

**Purpose:** A segment to specify dates and times related to a location.

Comments:

**Notes:** Example Syntax:

DTM+186:201611161146:203'

Data Component <u>Element Same</u> M C507 DATE/TIME/PERIOD M 1	
M C507 DATE/TIME/PERIOD M 1	Ī
Date and/or time, or period relevant to the specified date/time/period	
type.	
	n3
Code qualifying the function of a date, time or period.	
Provided values:	
132 Arrival date/time, estimated	
(2348) Date/time when carrier estimates that a	
means of transport should arrive at the port of	
discharge or place of destination.	
133 Departure date/time, estimated	
Date/time when carrier estimates that a means of	f
transport should depart at the place of departure	
178 Arrival date/time, actual	
[2106] Date (and time) of arrival of means of	
transport.	
186 Departure date/time, actual	
(2280) Date (and time) of departure of means of	
transport.	
2380 Date or time or period value C a	n35
The value of a date, a date and time, a time or of a period in a speci representation.	fied
·	n3
Code specifying the representation of a date, time or period.	
Provided values:	
203 CCYYMMDDHHMM	
Calendar date including time with minutes:	
Calendar date including time with minutes.  C=Century; Y=Year; M=Month; D=Day; H=Hour;  M=Minutes.	



## 5.7 Group: **EQD** Segment Group 8: Equipment Details

Position: 0360

Group: Segment Group 5 (Status) Mandatory

Level: 3

**Usage:** Conditional (Optional)

Max Use: 99

Purpose: A group of segments indicating the equipment details relating to the status or

event.

**Segment Summary** 

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	Des.	<u>Use</u>	Repeat
M	0370	EQD	Equipment Details	M	1	



Segment: EQD Equipment Details
Position: 0370 (Trigger Segment)

Group: Segment Group 8 (Equipment Details) Conditional (Optional)

Level: 3

**Usage:** Mandatory

Max Use:

Purpose: A segment identifying equipment related to status or event such as a container of

a multi-container consignment.

Comments:

**Notes:** Example Syntax:

EQD+CN+HASU4316117+45G1:102:5+++5'

	Data C	omponer	nt	•			
		<u>Element</u>				<u>ributes</u>	
M	8053			PE CODE QUALIFIER	M	1 an3	
				a type of equipment.			
			Provided values:				
			CN	Container			
	C237		EQUIPMENT IDI	Equipment item as defined by ISO f must be of: A) permanent character for repeated use; B) designed to fac carriage of goods, by one or more n transport, without intermediate reloa with devices for its ready handling, p	, strong cilitate t nodes d ading; C	enough he of () fitted	
				Marks (letters/numbers) identifying equipment.			
		8260	Equipment iden	, , , , , ,	С	an17	
			To identify equip				
			(Equipment Initial identifying number	etic part of an equipment unit's identifyi I) and sequencing or serial part of an e er (Equipment Number) including chec	equipm		
X		1131	Code list identif		С	an17	
X		3055	•	nsible agency code	С	an3	
X		3207	Country name of		С	an3	
	C224		EQUIPMENT SIZ		С	1	
			Code and or nam preferred.	ne identifying size and type of equipme	ent. Coo	de	
		8155	<b>Equipment size</b>	and type description code	С	an10	
			Code specifying	the size and type of equipment.			
			ISO Equipment T Example: 45G1	Type Code according to ISO 6346:199	5		
		1131	Code list identif	ication code	С	an17	
			Code identifying	a code list.			
			Provided values:				
			102	Size and type			
		3055		nsible agency code	С	an3	
			. , ,	the agency responsible for a code list.			
			Provided values:				
			5	ISO (International Organization for S	Standaı		
X		8154	Equipment size	and type description	С	an35	



X	8077	EQUIPMENT SU		С	1 an3	
			ata Element Dictionary for acceptable	code v	values.	
X	8249	EQUIPMENT ST	ATUS CODE	С	1 an3	
		Refer to D.00B D	ata Element Dictionary for acceptable	code	values.	
	8169	FULL OR EMPT	Y INDICATOR CODE	С	1 an3	
		Code indicating whether an object is full or empty.  Provided values:				
		4	Empty			
		5	Full			



**Segment: UNT Message Trailer** 

Position: 0620

Group: Level: 0

Usage: Mandatory

Max Use: 1

**Purpose:** A service segment ending a message, giving the total number of segments in the

message (including the UNH & UNT) and the control reference number of the

message.

Comments:

Notes: Example Syntax:

UNT+19+71684'

	Data	Componer	nt entre			
	<b>Element</b>	<b>Element</b>	<u>Name</u>	Att	ribu	<u>ites</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M	1	n6
			Control count of number of segments in a message.			
M	0062		MESSAGE REFERENCE NUMBER	M	1	an14
			Unique message reference assigned by the sender.			



Segment: UNZ Interchange Trailer

Position: 0630

Group: Level: 0

Usage: Conditional (Optional)

Max Use: 1

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

Comments:

Notes: Example Syntax:

UNZ+1+6997'

	Data (	Componer	t			
	<b>Element</b>	<b>Element</b>	<u>Name</u>	<u>Attrik</u>	<u>)u</u> '	<u>tes</u>
M	0036		INTERCHANGE CONTROL COUNT	1	1	n6
			Count either of the number of messages or, if used, of the	numb	er	of
			functional groups in an interchange.			
M	0020		INTERCHANGE CONTROL REFERENCE	1	1	an14
			Unique reference assigned by the sender to an interchange	e.		



# 6 Appendix

## 6.1 Status Event Codes

## 6.1.1 Event Codes – Ocean/Logistic Events

Status Code	Description
AE	Loaded on Vessel
AO	Loaded on Barge
AP	Loaded on Feeder Vessel
С	Estimated Time of Departure (ETD) Delay
Е	Estimated Time of Arrival (ETA) Delay
EE	Empty Equipment Dispatched
I	In-Gate
OA	Out-Gate
RD	Empty Equipment Returned
UV	Unloaded From Vessel
VA	Vessel Arrival Vessel scheduled to arrive or has arrived
VD	Vessel Departure Vessel scheduled to depart or has departed

## 6.1.2 Event Codes – Administrative Events

Status Code	Description
СН	Customs Hold
CR	Carrier Release
СТ	Customs Released
HR	Carrier Un-Release
IB	U.S. Customs, In-bond Movement Authorized



## 6.1.3 Event Codes - Rail Events

Status Code	Description
Α	Rail Arrival at In-Transit Location
AL	Loaded on Rail
AR	Rail Arrival at Destination Intermodal Ramp
J	Delivered to Connecting Line
NF	Free Time to Expire
NT	Notification
Р	Rail Departed from In-Transit Location
RL	Rail Departure from Origin Intermodal Ramp
UR	Unloaded from a Rail Car

## 6.1.4 Event Codes - Truck Events

Status Code	Description
AD	Delivery Appointment Date and Time
AF	Departed Pickup Location
X	Removed from Customer Dock or Siding
AM	Loaded on Truck
D	Completed unloading at delivery location
X1	Arrived at Delivery Location The carrier has arrived at the shipment delivery location
Х3	Arrived at Pick-up Location



### 6.2 Code Lists as used by Hamburg Sued

#### 0001 Syntax identifier

UNOB UN/ECE level B

As defined in the basic code table of ISO 646 with the exceptions of alternative graphic character allocations and national or application-oriented graphic

character allocations.

### 0002 Syntax version number

2 Version 2

ISO 9735:1990.

#### 0004 Sender identification

HAMSUD Hamburg Süd Sender ID

#### 0007 Partner identification code qualifier

ZZZ Mutually defined

#### 0051 Controlling agency

UN UN/CEFACT

United Nations Centre for Trade Facilitation and Electronic Business

(UN/CEFACT).

## 0052 Message type version number

D Draft version/UN/EDIFACT Directory

Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a

standard message (Valid for directories published after March 1997).

#### 0054 Message type release number

00B Release 2000 - B

Message approved and issued in the second 2000 release of the UNTDID

(United Nations Trade Data Interchange Directory).

#### 0065 Message type identifier

IFTSTA International multimodal status report message

A code to identify the international multimodal status report message.



#### 1001 Document name code

23 Status information

Information regarding the status of a related message.

#### 1131 Code list identification code

102 Size and type

139 Port

A location having facilities for means of transport to load or discharge cargo.

Means of transport identification

Code identifying the name or number of a means of transport (vessel, vehicle).

160 Party identification

Identification of parties, corporates, etc.

162 Country

Identification of a country.

172 Carriers

Code list identifying carriers.

181 Activity

Code identifying activities.

227 City

Identifies a code list containing cities.

#### 1153 Reference code qualifier

4F Carrier-assigned Shipper Number

AAZ Standard Carrier Alpha Code (SCAC) number

For maritime shipments, this code qualifies a Standard Alpha Carrier Code (SCAC) as

issued by the United Stated National Motor Traffic Association Inc.

BM Bill of lading number

Reference number assigned to a bill of lading, see: 1001 = 705.

BN Booking reference number

[1016] Reference number assigned by the carrier or his agent when cargo space is

reserved prior to loading.

CO Buyers order number

[1022] Reference number assigned by the buyer to an order.

CR Customer reference number

Reference number assigned by the customer to a transaction.

EQ Equipment number

Number assigned by the manufacturer to specific equipment.

FF Freight forwarder's reference number

[1460] Reference number assigned to the consignment by the freight forwarder.

IB In bond number

Customs assigned number that is used to control the movement of imported cargo

prior to its formal Customs clearing.

SI SID (Shipper's identifying number for shipment)

SN Seal number

[9308] Identification number on Customs or other seals affixed to containers or other

transport units.



#### 1225 MESSAGE FUNCTION CODE

9 Original

Initial transmission related to a given transaction.

## 2005 Date or time or period function code qualifier

132 Arrival date/time, estimated

(2348) Date/time when carrier estimates that a means of transport should

arrive at the port of discharge or place of destination.

133 Departure date/time, estimated

Date/time when carrier estimates that a means of transport should depart at

the place of departure.

137 Document/message date/time

(2006) Date/time when a document/message is issued. This may include

authentication.

178 Arrival date/time, actual

[2106] Date (and time) of arrival of means of transport.

186 Departure date/time, actual

(2280) Date (and time) of departure of means of transport.

334 Status change date/time

Date/time when a status changes.

### 2379 Date or time or period format code

203 CCYYMMDDHHMM

Calendar date including time with minutes: C=Century; Y=Year; M=Month;

D=Day; H=Hour; M=Minutes.

#### 3035 PARTY FUNCTION CODE QUALIFIER

CA Carrier

(3126) Party undertaking or arranging transport of goods between named

points.

#### 3036 Party name

HAMBURG-SUED Name of a party.

Identification of parties, corporates, etc.

## 3055 Code list responsible agency code

5 ISO (International Organization for Standardization)

146 Means of transport identification

Code identifying the name or number of a means of transport (vessel, vehicle).

HS Hamburg Sued



## 3227 LOCATION FUNCTION CODE QUALIFIER

7 Place of delivery

(3246) Place to which the goods are to be finally delivered under transport contract

terms (operational term).

9 Place/port of loading

(3334 + 3230) Seaport, freight terminal, rail station or other place at which the goods

(cargo) are loaded on to the means of transport being used for their carriage.

11 Place/port of discharge

(3392 + 3414) Seaport, freight terminal, rail station or other place at which the goods

(cargo) are unloaded from the means of transport having been used for their carriage.

13 Place of transhipment

(3424) Place where goods are transferred from one means of transport to another

(operational term).

29 Railway station

Name or identification of a railway station/yard relevant to a particular consignment.

88 Place of receipt

Identification of the location at which the cargo is actually received.

175 Activity location

A place at which the activity occurs.

#### 8051 TRANSPORT STAGE CODE QUALIFIER

1 Inland transport

Transport by which goods are moved from or to the frontier, or between inland points.

20 Main-carriage transport

The primary stage in the movement of cargo from the point of origin to the intended

destination.

#### **8053 EQUIPMENT TYPE CODE QUALIFIER**

CN Container

Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its

ready handling, particularly.

### 8067 Transport mode name code

Maritime Transport
 Rail Transport
 Road Transport

#### 8169 FULL OR EMPTY INDICATOR CODE

4 Empty 5 Full



## 8179 Transport means description code

13 Ocean vessel

An ocean-going vessel that is not a ship.

16 Barge

A category of boat used to transport material over water.

25 Rail express

31 Truck

An automotive vehicle for hauling goods.

## 9015 Status category code

1 Transport

Status type is related to transport.



#### 6.3 Example Messages

## 6.3.1 Example Message "Gate In"

UNB+UNOB:2+HAMSUD:ZZZ+RECEIVER\_ID:ZZZ+170216:1152+6997'

UNH+71684+IFTSTA:D:00B:UN'

BGM+23+7BELCV1099+9'

DTM+137:201702161146:203'

NAD+CA+SUDU:160++HAMBURG-SUED+WILLY-BRANDT-STR. 59-61+HAMBURG++20457+DE'

RFF+AAZ:SUDU'

RFF+BM:SUDUN7BELCV1099X'

RFF+BN:7BELCV1099'

CNI+1'

STS+1+I:HS:In Gate (Stuffed)'

RFF+BN:7BELCV1099'

RFF+BM:SUDUN7BELCV1099X'

RFF+EQ:HASU4316117'

DTM+334:201702160815:203'

LOC+175+GBBEL:227::BELFAST+GB:162'

TDT+20+701S+1+13+SUDU:172::HAMBUERG-SUED+++9449160:146:11:CAP SAN MARCO'

LOC+88+GBBEL:139::BELFAST GB' LOC+9+BEANR:139::ANTWERP BE'

DTM+133:201702181245:203'

LOC+13+MAPTM:139::TANGER MED MA'

DTM+132:201702190715:203' DTM+133:201702191650:203'

LOC+11+TNTUN:139::TUNIS / RADES TN'

DTM+132:201702192045:203'

LOC+7+TNAMN:227::AL MANARAH TN'

DTM+132:201702220915:203'

EQD+CN+HASU4316117+45G1:102:5+++5'

UNT+26+71684' UNZ+1+6997'



#### 6.3.2 Example Message "Loaded on Vessel"

UNB+UNOB:2+HAMSUD:ZZZ+RECEIVER\_ID:ZZZ+170216:1152+6997'

UNH+71684+IFTSTA:D:00B:UN'

BGM+23+7BELCV1099+9'

DTM+137:201702161146:203'

NAD+CA+SUDU:160++HAMBURG-SUED+WILLY-BRANDT-STR. 59-61+HAMBURG++20457+DE'

RFF+AAZ:SUDU'

RFF+BM:SUDUN7BELCV1099X'

RFF+BN:7BELCV1099'

CNI+1'

STS+1+AE:HS:Loaded on Vessel'

RFF+BN:7BELCV1099'

RFF+BM:SUDUN7BELCV1099X'

RFF+EQ:HASU4316117'

DTM+334:201702170615:203'

LOC+175+ BEANR:227:: ANTWERP+BE:162'

TDT+20+701S+1+13+SUDU:172::HAMBUERG-SUED+++9449160:146:11:CAP SAN MARCO'

LOC+88+GBBEL:139::BELFAST GB'

LOC+9+BEANR:139::ANTWERP BE'

DTM+133:201702181245:203'

LOC+13+MAPTM:139::TANGER MED MA'

DTM+132:201702190715:203'

DTM+133:201702191650:203'

LOC+11+TNTUN:139::TUNIS / RADES TN'

DTM+132:201702192045:203'

LOC+7+TNAMN:227::AL MANARAH TN'

DTM+132:201702220915:203'

EQD+CN+HASU4316117+45G1:102:5+++5'

UNT+26+71684' UNZ+1+6997'



## 6.3.3 Example Message "Vessel Departure at Port of Loading"

UNB+UNOB:2+HAMSUD:ZZZ+RECEIVER\_ID:ZZZ+170216:1152+6997'

UNH+71684+IFTSTA:D:00B:UN'

BGM+23+7BELCV1099+9'

DTM+137:201702161146:203'

NAD+CA+SUDU:160++HAMBURG-SUED+WILLY-BRANDT-STR. 59-61+HAMBURG++20457+DE'

RFF+AAZ:SUDU'

RFF+BM:SUDUN7BELCV1099X'

RFF+BN:7BELCV1099'

CNI+1'

STS+1+VD:HS:Vessel Departure at Port of Loading

RFF+BN:7BELCV1099'

RFF+BM:SUDUN7BELCV1099X'

RFF+EQ:HASU4316117'

DTM+334:201702181615:203"

LOC+175+ BEANR:227:: ANTWERP+BE:162'

TDT+20+701S+1+13+SUDU:172::HAMBUERG-SUED+++9449160:146:11:CAP SAN MARCO'

LOC+88+GBBEL:139::BELFAST GB'

LOC+9+BEANR:139::ANTWERP BE'

DTM+186:201702181615:203'

LOC+13+MAPTM:139::TANGER MED MA'

DTM+132:201702190715:203'

DTM+133:201702191650:203'

LOC+11+TNTUN:139::TUNIS / RADES TN'

DTM+132:201702192045:203'

LOC+7+TNAMN:227::AL MANARAH TN'

DTM+132:201702220915:203'

EQD+CN+HASU4316117+45G1:102:5+++5'

UNT+27+71684' UNZ+1+6997'



## 6.3.4 Example Message "Customs Release"

UNB+UNOB:2+HAMSUD:ZZZ+RECEIVER\_ID:ZZZ+170216:1152+6997'

UNH+71684+IFTSTA:D:00B:UN'

BGM+23+7BELCV1099+9'

DTM+137:201702161146:203'

NAD+CA+SUDU:160++HAMBURG-SUED+WILLY-BRANDT-STR. 59-61+HAMBURG++20457+DE'

RFF+AAZ:SUDU'

RFF+BM:SUDUN7BELCV1099X'

RFF+BN:7BELCV1099'

CNI+1'

STS+1+CT:HS:Customs Released '

RFF+BN:7BELCV1099'

RFF+BM:SUDUN7BELCV1099X'

RFF+EQ:HASU4316117'

DTM+334:201702211815:203"

LOC+175+ TNTUN:227:: TUNIS / RADES+TN:162'

TDT+20+701S+1+13+SUDU:172::HAMBUERG-SUED+++9449160:146:11:CAP SAN MARCO'

LOC+11+TNTUN:139::TUNIS / RADES TN'

DTM+178:201702192215:203'

EQD+CN+HASU4316117+45G1:102:5+++5'

UNT+19+71684' UNZ+1+6997'



## 6.3.5 Example Message "In transit rail movement (arrived at in transit location)"

UNB+UNOB:2+HAMSUD:ZZZ+RECEIVER\_ID:ZZZ+170216:1152+6997'

UNH+71684+IFTSTA:D:00B:UN'

BGM+23+7PHL89OTZT+9'

DTM+137:201702161146:203'

NAD+CA+SUDU:160++HAMBURG-SUED+WILLY-BRANDT-STR. 59-61+HAMBURG++20457+DE'

RFF+AAZ:SUDU'

RFF+BM:SUDUN7PHL89OTZTX'

RFF+BN:7PHL89OTZT'

CNI+1'

STS+1+A:HS:Rail Arrival at In-Transit Location'

RFF+BN:7PHL89OTZT'

RFF+BM:SUDUN7PHL89OTZTX'

RFF+EQ:HASU4316117'

DTM+334:201702181615:203"

LOC+175+:227:: Colorado Springs+CO:162'

TDT+1++2+25+SUDU:172::HAMBUERG-SUED+++:::RAIL CARRIER NAME'

LOC+29+:227:: Colorado Springs, CO, US'

DTM+178:201702181615:203' LOC+11+USCHI:139:: Chicago IL' DTM+132:201702201015:203'

EQD+CN+HASU4316117+45G1:102:5+++5'

UNT+22+71684' UNZ+1+6997'