HAMBURG SÜD

UN/EDIFACT Version D00B

IFTSTA
International multimodal status report message

Message Implementation Guide

Version 1.0.0

Change history

Version	Date	Comments
1.0.0	01-Feb-2017	Initial version

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Contents

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:

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

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:

Value	Description
M	Mandatory Indicates the item is mandatory in the UN/EDIFACT message.
R	Required Indicates the item must be transmitted in this implementation.
D	Dependent Indicates that the use of the item is depending on a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
C	Conditional/ Optional Indicates that this item is at the need or discretion of both trading partners.
X	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.
A	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
a..6	up to 6 alphabetic characters
an..35	up to 35 alphabetic characters
n..6	up to 6 numeric characters

3 IFTSTA International Multimodal Status Report Message

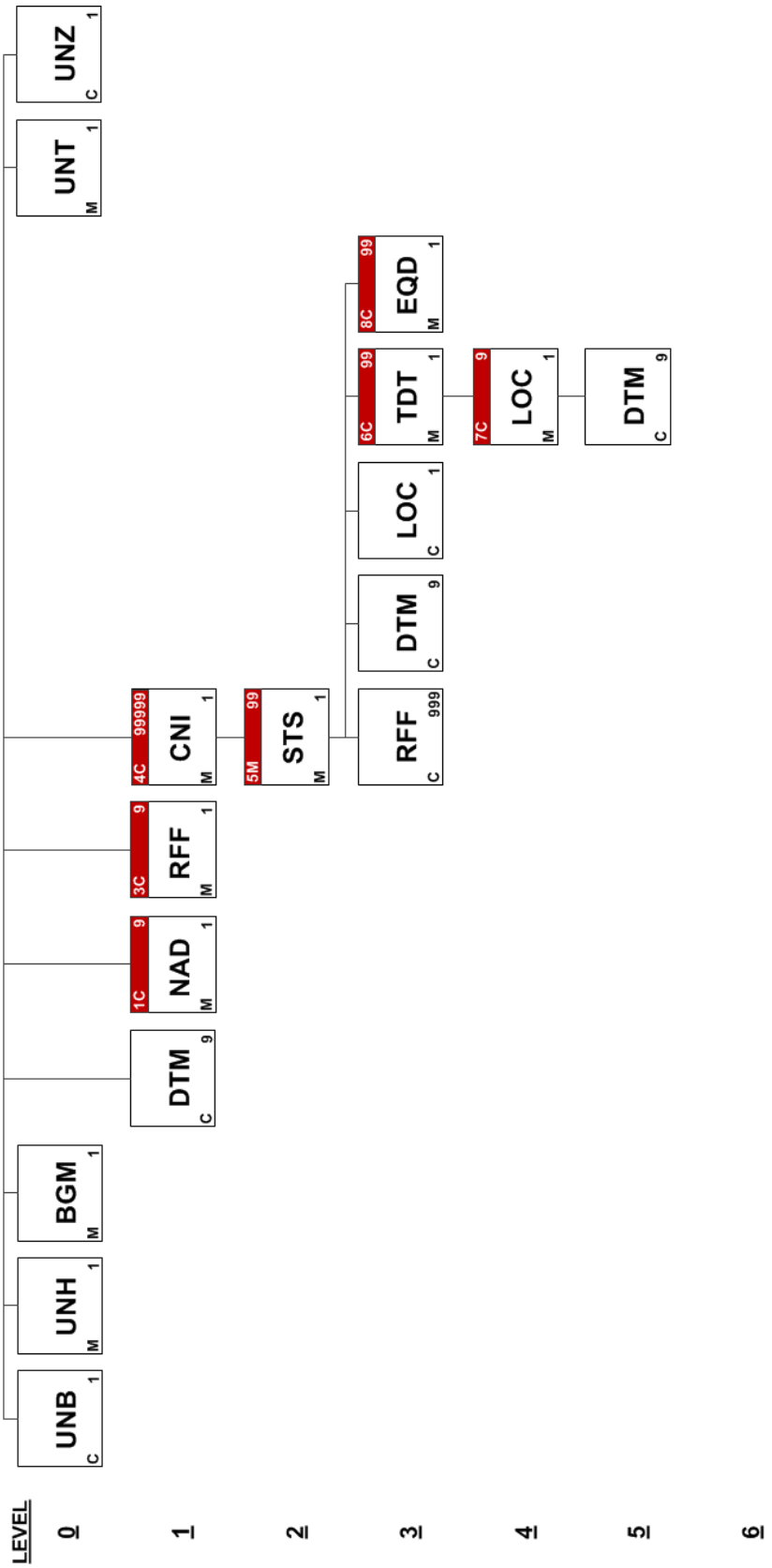
Introduction:

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

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	0005	UNB	Interchange Header	C	1		
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
	0030	DTM	Date/Time/Period	C	9		
X	0040	TSR	Transport Service Requirements	C	1		
	0050		Segment Group 1: NAD-SG2	C		9	
M	0060	NAD	Name and Address	M	1		
X	0070		Segment Group 2: CTA-COM	C		9	
X	0080	CTA	Contact Information	M	1		
X	0090	COM	Communication Contact	C	9		
	0100		Segment Group 3: RFF-DTM	C		9	
M	0110	RFF	Reference	M	1		
X	0120	DTM	Date/Time/Period	C	1		
X	0130	LOC	Place/Location Identification	C	9		
X	0140	FTX	Free Text	C	9		
X	0150	CNT	Control Total	C	9		
	0160		Segment Group 4: CNI-LOC-CNT-SG5	C		99999	
M	0170	CNI	Consignment Information	M	1		
X	0180	LOC	Place/Location Identification	C	9		
X	0190	CNT	Control Total	C	9		
M	0200		Segment Group 5: STS-RFF-DTM-DOC-FTX-NAD-LOC-PCI-SG6-SG8-SG10	M		99	
M	0210	STS	Status	M	1		
	0220	RFF	Reference	C	999		
	0230	DTM	Date/Time/Period	C	9		
X	0240	DOC	Document/Message Details	C	1		
X	0250	FTX	Free Text	C	9		
X	0260	NAD	Name and Address	C	9		
	0270	LOC	Place/Location Identification	C	1		
X	0280	PCI	Package Identification	C	99		
	0290		Segment Group 6: TDT-DTM-RFF-SG7	C		99	
M	0300	TDT	Details of Transport	M	1		
X	0310	DTM	Date/Time/Period	C	9		
X	0320	RFF	Reference	C	9		
	0330		Segment Group 7: LOC-DTM	C		9	
M	0340	LOC	Place/Location Identification	M	1		

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

4 Branch Diagram



5 Segment Description

Segment: **UNB** **Interchange Header**
Position: 0005
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
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 Element	Component Element	Name	Attributes	
M	**S001**		**SYNTAX IDENTIFIER**	**M**	**1**
			Identification of the agency controlling the syntax and indication of syntax level.		
M		**0001**	**Syntax identifier**	**M**	**a4**
			Coded identification of the agency controlling a syntax and syntax level used in an interchange.		
			Provided values:		
			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.		
M		**0002**	**Syntax version number**	**M**	**n1**
			Version number of the syntax identified in the syntax identifier (0001).		
			Provided values:		
			2 Version 2 ISO 9735:1990.		
M	**S002**		**INTERCHANGE SENDER**	**M**	**1**
			Identification of the sender of the interchange.		
M		**0004**	**Sender identification**	**M**	**an..35**
			Name or coded representation of the sender of a data interchange.		
			Provided values:		
			HAMSUD Hamburg Süd Sender ID		
		0007	**Partner identification code qualifier**	**C**	**an..4**
			Qualifier referring to the source of codes for the identifiers of interchanging partners.		
			Provided values:		
			ZZZ Mutually defined Mutually defined between trading partners.		
X		**0008**	**Address for reverse routing**	**C**	**an..14**
M	**S003**		**INTERCHANGE RECIPIENT**	**M**	**1**
			Identification of the recipient of the interchange.		
M		**0010**	**Recipient identification**	**M**	**an..35**
			Name or coded representation of the recipient of a data interchange.		

		0007	**Partner identification code qualifier**	**C**		**an..4**
			Qualifier referring to the source of codes for the identifiers of interchanging partners.			
			Provided values:			
			ZZZ Mutually defined			
			Mutually defined between trading partners.			
X		0014	**Routing address**	**C**		**an..14**
M	**S004**		**DATE AND TIME OF PREPARATION**	**M**	**1**	
			Date and time of preparation of the interchange.			
M		0017	**Date of preparation**	**M**		**n6**
			Local date when an interchange or a functional group was prepared.			
			Format YYMMDD Example: 160526 (26th May 2016)			
M		0019	**Time of preparation**	**M**		**n4**
			Local time of day when an interchange or a functional group was prepared.			
			Format HHMM Example: 2245 (10:45 pm)			
M	**0020**		**INTERCHANGE CONTROL REFERENCE**	**M**	**1**	**an..14**
			Unique reference assigned by the sender to an interchange.			
X	**S005**		**RECIPIENTS REFERENCE PASSWORD**	**C**	**1**	
			Reference or password as agreed between the communicating partners.			
X		0022	**Recipient reference/password**	**M**		**an..14**
			Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.			
X		0025	**Recipient reference/password qualifier**	**C**		**an2**
			Qualifier for the recipient's reference or password.			
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X	**0026**		**APPLICATION REFERENCE**	**C**	**1**	**an..14**
X	**0029**		**PROCESSING PRIORITY CODE**	**C**	**1**	**a1**
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X	**0031**		**ACKNOWLEDGEMENT REQUEST**	**C**	**1**	**n1**
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X	**0032**		**COMMUNICATIONS AGREEMENT ID**	**C**	**1**	**an..35**
X	**0035**		**TEST INDICATOR**	**C**	**1**	**n1**
			Refer to D.00B Data Element Dictionary for acceptable code values.			

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 Element	Component Element	Name	Attributes		
M	**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. Provided values: IFTSTA – International multimodal status report message A code to identify the international multimodal status report message.	**M**		**an..6**
M		**0052**	**Message type version number** Version number of a message type. Provided values: 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).	**M**		**an..3**
M		**0054**	**Message type release number** Release number within the current message type version number (0052). Provided values: 00B – Release 2000 - B Message approved and issued in the second 2000 release of the UNTDID (United Nations Trade Data Interchange Directory).	**M**		**an..3**

M		**0051**	**Controlling agency**	**M**		**an..2**
			Code identifying the agency controlling the specification, maintenance and publication of the message type.			
			Provided values:			
			UN UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).			
X		**0057**	**Association assigned code**	**C**		**an..6**
X	**0068**		**COMMON ACCESS REFERENCE**	**C**	**1**	**an..35**
			Reference serving as a key to relate all subsequent transfers of data to the same business case or file.			
X	**S010**		**STATUS OF THE TRANSFER**	**C**	**1**	
			Statement that the message is one in a sequence of transfers relating to the same topic.			
X		**0070**	**Sequence message transfer number**	**M**		**n..2**
			Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.			
X		**0073**	**First/last sequence message transfer indication**	**C**		**a1**
			Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.00B Data Element Dictionary for acceptable code values.			

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 Element Summary

	Data Element	Component Element	Name		Attributes	
	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.			
			Provided values:			
			23 Status information			
			Information regarding the status of a related message.			
X		**1131**	**Code list identification code**	**C**		**an..17**
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**1000**	**Document name**	**C**		**an..35**
	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..35**
			To identify a document.			
X		**1056**	**Version identifier**	**C**		**an..9**
X		**1060**	**Revision identifier**	**C**		**an..6**
	1225		**MESSAGE FUNCTION CODE**	**C**	**1**	**an..3**
			Code indicating the function of the message.			
			Provided values:			
			9 Original			
			Initial transmission related to a given transaction.			
X	**4343**		**RESPONSE TYPE CODE**	**C**	**1**	**an..3**
			Refer to D.00B Data Element Dictionary for acceptable code values.			

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 Element	Component Element	Name		Attributes	
M	**C507**		**DATE/TIME/PERIOD**	**M**	**1**	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		**2005**	**Date or time or period function code qualifier**	**M**		**an..3**
			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 period value**	**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.			
			Provided values:			
			203 CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.			

5.1 Group: NAD Segment Group 1: Name and Address

Position: 0050
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.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: 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 Element Summary

	Data Element	Component Element	Name		Attributes	
M	**3035**		**PARTY FUNCTION CODE QUALIFIER** Code giving specific meaning to a party. Provided values: CA Carrier (3126) Party undertaking or arranging transport of goods between named points.	**M**	**1**	**an..3**
	C082		**PARTY IDENTIFICATION DETAILS** Identification of a transaction party by code.	**C**	**1**	
M		**3039**	**Party identifier** Code specifying the identity of a party. Carrier's SCAC code (Used to identify the carrier)	**M**		**an..35**
		1131	**Code list identification code** Code identifying a code list. Provided values: 160 Party identification Identification of parties, corporates, etc.	**C**		**an..17**
X		**3055**	**Code list responsible agency code** Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X	**C058**		**NAME AND ADDRESS** Unstructured name and address: one to five lines.	**C**	**1**	
X		**3124**	**Name and address description** Free form description of a name and address line.	**M**		**an..35**
X		**3124**	**Name and address description** Free form description of a name and address line.	**C**		**an..35**
X		**3124**	**Name and address description** Free form description of a name and address line.	**C**		**an..35**
X		**3124**	**Name and address description** Free form description of a name and address line.	**C**		**an..35**
X		**3124**	**Name and address description** Free form description of a name and address line.	**C**		**an..35**
	C080		**PARTY NAME** Identification of a transaction party by name, one to five lines. Party name may be formatted.	**C**	**1**	

M		**3036**	**Party name**	**M**		**an..35**
			Name of a party.			
			Provided values:			
			HAMBURG-SUED			
			Hamburg Süd			
X		**3036**	**Party name**	**C**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**
X		**3036**	**Party name**	**C**		**an..35**
X		**3045**	**Party name format code**	**C**		**an..3**
			Refer to D.00B 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.			
M		**3042**	**Street and number or post office box identifier**	**M**		**an..35**
			To identify a street and number and/or Post Office box number.			
X		**3042**	**Street and number or post office box identifier**	**C**		**an..35**
X		**3042**	**Street and number or post office box identifier**	**C**		**an..35**
X		**3042**	**Street and number or post office box identifier**	**C**		**an..35**
	3164		**CITY NAME**	**C**	**1**	**an..35**
			Name of a city.			
X	**C819**		**COUNTRY SUB-ENTITY DETAILS**	**C**	**1**	
			To specify a part of a country (eg county or part of a city).			
X		**3229**	**Country sub-entity name code**	**C**		**an..9**
			Code specifying the name of a country sub-entity.			
X		**1131**	**Code list identification code**	**C**		**an..17**
			Code identifying a code list.			
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**3228**	**Country sub-entity name**	**C**		**an..35**
			Name of a country sub-entity.			
	3251		**POSTAL IDENTIFICATION CODE**	**C**	**1**	**an..17**
			Code specifying the postal zone or address.			
	3207		**COUNTRY NAME CODE**	**C**	**1**	**an..3**
			Identification of the name of the country or other geographical entity as specified in ISO 3166.			

5.2 Group: RFF Segment Group 3: Reference

Position: 0100
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.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0110	RFF	Reference	M	1	

Segment: **RFF Reference**
Position: 0110 (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.

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'

Data Element Summary

	Data Element	Component Element	Name		Attributes
M	**C506**		**REFERENCE**	**M**	**1**
			Identification of a reference.		
M		**1153**	**Reference code qualifier**	**M**	**an..3**
			Code qualifying a reference.		
			Provided values:		
			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.		
			FF Freight forwarder's reference number		
			[1460] Reference number assigned to the consignment by the freight forwarder.		
			FN Freight bill number		
			Reference number assigned by issuing party to a freight bill.		
			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)	
	1154	**Reference identifier**	**C**	**an..70**
		Identifies a reference.		
X	**1156**	**Document line identifier**	**C**	**an..6**
X	**4000**	**Reference version identifier**	**C**	**an..35**
X	**1060**	**Revision identifier**	**C**	**an..6**

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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: 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: 1
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 Element Summary

	Data Element	Component Element	Name	Attributes		
	1490		**CONSOLIDATION ITEM NUMBER** To specify a consignment within a consolidation. Always '1'	**C**	**1**	**n..4**
X	**C503**		**DOCUMENT/MESSAGE DETAILS** Identification of document/message by number, status, source and/or language.	**C**	**1**	
X		**1004**	**Document identifier** To identify a document.	**C**		**an..35**
X		**1373**	**Document status code** Code specifying the status of a document. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**1366**	**Document source description** Free form description of the source of a document.	**C**		**an..70**
X		**3453**	**Language name code** Code specifying the language name.	**C**		**an..3**
X		**1056**	**Version identifier** To identify a version.	**C**		**an..9**
X		**1060**	**Revision identifier** To identify a revision.	**C**		**an..6**
X	**1312**		**CONSIGNMENT LOAD SEQUENCE IDENTIFIER**	**C**	**1**	**n..4**

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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0210	STS	Status	M	1	
	0220	RFF	Reference	C	999	
	0230	DTM	Date/Time/Period	C	9	
	0270	LOC	Place/Location Identification	C	1	
	0290		Segment Group 6: Details of Transport	C		99
	0360		Segment Group 8: Equipment Details	C		99

Segment: **STS** **Status**
Position: 0210 (Trigger Segment)
Group: Segment Group 5 (Status) Mandatory
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the status relating to a consignment (e.g. loaded).
Comments:
Notes: Example Syntax:

STS+1+VA:HS:Vessel Arrival'

Data Element Summary

	Data Element	Component Element	Name		Attributes
	C601		**STATUS CATEGORY**	**C** **1**	
			To specify the category of the status.		
M		**9015**	**Status category code**	**M**	**an..3**
			Code specifying the category of a status.		
			Provided values:		
			1 Transport		
			Status type is related to transport.		
X		**1131**	**Code list identification code**	**C**	**an..17**
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		**3055**	**Code list responsible agency code**	**C**	**an..3**
			Refer to D.00B Data Element Dictionary for acceptable code values.		
	C555		**STATUS**	**C** **1**	
			To specify a status.		
M		**4405**	**Status description code**	**M**	**an..3**
			Code specifying a status.		
			Please refer to the status event codes list in the appendix.		
X		**1131**	**Code list identification code**	**C**	**an..17**
		3055	**Code list responsible agency code**	**C**	**an..3**
			Code specifying the agency responsible for a code list.		
			Provided values:		
			HS Hamburg Sued		
		4404	**Status description**	**C**	**an..35**
			Free form description of a status.		
X	**C556**		**STATUS REASON**	**C** **1**	
			To specify the reason for a status.		
X		**9013**	**Status reason description code**	**M**	**an..3**
			Code specifying the reason for a status.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		**1131**	**Code list identification code**	**C**	**an..17**
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		**3055**	**Code list responsible agency code**	**C**	**an..3**
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		

X		**9012**	**Status reason description** Free form description of the status reason.	**C**		**an..256**
X	**C556**		**STATUS REASON** To specify the reason for a status.	**C**	**1**	
X		**9013**	**Status reason description code** Code specifying the reason for a status. Refer to D.00B Data Element Dictionary for acceptable code values.	**M**		**an..3**
X		**1131**	**Code list identification code** Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**9012**	**Status reason description** Free form description of the status reason.	**C**		**an..256**
X	**C556**		**STATUS REASON** To specify the reason for a status.	**C**	**1**	
X		**9013**	**Status reason description code** Code specifying the reason for a status. Refer to D.00B Data Element Dictionary for acceptable code values.	**M**		**an..3**
X		**1131**	**Code list identification code** Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**9012**	**Status reason description** Free form description of the status reason.	**C**		**an..256**
X	**C556**		**STATUS REASON** To specify the reason for a status.	**C**	**1**	
X		**9013**	**Status reason description code** Code specifying the reason for a status. Refer to D.00B Data Element Dictionary for acceptable code values.	**M**		**an..3**
X		**1131**	**Code list identification code** Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**9012**	**Status reason description** Free form description of the status reason.	**C**		**an..256**
X	**C556**		**STATUS REASON** To specify the reason for a status.	**C**	**1**	
X		**9013**	**Status reason description code** Code specifying the reason for a status. Refer to D.00B Data Element Dictionary for acceptable code values.	**M**		**an..3**
X		**1131**	**Code list identification code**	**C**		**an..17**

		Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X	**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**	**an..3**
X	**9012**	**Status reason description** Free form description of the status reason.	**C**	**an..256**

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 Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C506**		**REFERENCE**	**M**	**1**	
			Identification of a reference.			
			Example Syntax: RFF+BN:7BELCV1099'			
M		**1153**	**Reference code qualifier**	**M**		**an..3**
			Code qualifying a reference.			
			Provided values:			
			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.			
			EQ Equipment number Number assigned by the manufacturer to specific equipment.			
			SN Seal number [9308] Identification number on Customs or other seals affixed to containers or other transport units.			
		1154	**Reference identifier**	**C**		**an..70**
			Identifies a reference.			
X		**1156**	**Document line identifier**	**C**		**an..6**
X		**4000**	**Reference version identifier**	**C**		**an..35**
X		**1060**	**Revision identifier**	**C**		**an..6**

Segment: **DTM** **Date/Time/Period**
Position: 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 Element	Component Element	Name		Attributes	
M	**C507**		**DATE/TIME/PERIOD**	**M**	**1**	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		**2005**	**Date or time or period function code qualifier**	**M**		**an..3**
			Code qualifying the 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 period value**	**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.			
			Provided values:			
			203 CCYYMMDDHHMM Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=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 Element Summary

	Data Element	Component Element	Name		Attributes	
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER** Code identifying the function of a location. Provided values: 175 Activity location A place at which the activity occurs.	**M**	**1**	**an..3**
	C517		**LOCATION IDENTIFICATION** Identification of a location by code or name.	**C**	**1**	
		3225	**Location name code** Code specifying the name of the location. The Location United Nations Location Code (UNLOCODE) is provided.	**C**		**an..25**
		1131	**Code list identification code** Code identifying a code list. Provided values: 227 City	**C**		**an..17**
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
		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 name code** Code specifying first related location. ISO 2-Letter Country code	**C**		**an..25**
		1131	**Code list identification code** Code identifying a code list. Provided values: 162 Country Identification of a country.	**C**		**an..17**
X		**3055**	**Code list responsible agency code** Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3222**	**First related location name**	**C**		**an..70**
X	**C553**		**RELATED LOCATION TWO IDENTIFICATION** Identification of second related location by code or name.	**C**	**1**	
X		**3233**	**Second related location name code** Code specifying the second related location.	**C**		**an..25**
X		**1131**	**Code list identification code**	**C**		**an..17**

			Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**3232**	**Second related location name**	**C**		**an..70**
			Name of the second related location.			
X	**5479**		**RELATION CODE**	**C**	**1**	**an..3**

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

Segment: **TDT** **Details of Transport**
Position: 0300 (Trigger Segment)
Group: Segment Group 6 (Details of Transport) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
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 Element Summary

	Data Element	Component Element	Name		Attributes		
M	**8051**		**TRANSPORT STAGE CODE QUALIFIER**	**M**	**1**	**an..3**
			Code qualifying a specific stage of transport.			
			Provided values:			
			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.			
	8028		**MEANS OF TRANSPORT JOURNEY IDENTIFIER**	**C**	**1**	**an..17**
			To identify a journey of a means of transport.			
			Voyage Number is provided.			
	C220		**MODE OF TRANSPORT**	**C**	**1**	
			Method of transport code or name. Code preferred.			
		8067	**Transport mode name code**	**C**		**an..3**
			Code specifying the name of a mode of transport.			
			Provided values:			
			1 Maritime Transport			
			2 Rail Transport			
			3 Road Transport			
X		**8066**	**Transport mode name**	**C**		**an..17**
	C228		**TRANSPORT MEANS**	**C**	**1**	
			Code and/or name identifying the type of means of transport.			
		8179	**Transport means description code**	**C**		**an..8**
			Code specifying the means of transport.			
			Provided values:			
			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.			

X		**8178**	**Transport means description**	**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.			
			Carrier SCAC Code is provided.			
		1131	**Code list identification code**	**C**		**an..17**
			Code identifying a code list.			
			Provided values			
			172 Carriers Code list identifying carriers.			
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Refer to D.00B Data Element Dictionary for acceptable code values.			
		3128	**Carrier name**	**C**		**an..35**
			Name of a carrier.			
X	**8101**		**TRANSIT DIRECTION INDICATOR CODE**	**C**	**1**	**an..3**
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X	**C401**		**EXCESS TRANSPORTATION INFORMATION**	**C**	**1**	
			To provide details of reason for, and responsibility for, use of transportation other than normally utilized.			
X		**8457**	**Excess transportation reason code**	**M**		**an..3**
			Code specifying the reason for excess transportation. Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**8459**	**Excess transportation responsibility code**	**M**		**an..3**
			Code specifying the responsibility for excess transportation. Refer to D.00B Data Element Dictionary for acceptable code values.			
X		**7130**	**Customer shipment authorisation identifier**	**C**		**an..17**
			To identify the authorisation to ship issued by the customer.			
	C222		**TRANSPORT IDENTIFICATION**	**C**	**1**	
			Code and/or name identifying the means of transport.			
		8213	**Transport means identification name identifier**	**C**		**an..9**
			Identifies the name of the transport means.			
			The provided code complies the Lloyd's Register of Shipping.			
		1131	**Code list identification code**	**C**		**an..17**
			Code identifying a code list.			
			Provided values:			
			146 Means of transport identification Code identifying the name or number of a means of transport (vessel, vehicle).			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			Provided values			
			11 Lloyd's register of shipping A register of ocean going vessels maintained by Lloyd's of London.			
		8212	**Transport means identification name**	**C**		**an..35**
			Name identifying a means of transport.			
			Vessel Name is provided.			

X		**8453**	**Transport means nationality code**	**C**		**an..3**
X	**8281**		**TRANSPORT MEANS OWNERSHIP INDICATOR CODE** Refer to D.00B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0340	LOC	Place/Location Identification	M	1	
	0350	DTM	Date/Time/Period	C	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'

Data Element Summary

	Data Element	Component Element	Name		Attributes		
M	**3227**		**LOCATION FUNCTION CODE QUALIFIER**		**M**	**1**	**an..3**
			Code identifying the function of a location.				
			Provided values:				
			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.			
	C517		**LOCATION IDENTIFICATION**		**C**	**1**	
			Identification of a location by code or name.				
		3225	**Location name code**		**C**		**an..25**
			Code specifying the name of the location.				
			The Location United Nations Location Code (UNLOCODE) or city name is provided. Example UN location code: USDAL (Dallas, TX, US) Example city name: JACKSONVILLE, FL, US				
		1131	**Code list identification code**		**C**		**an..17**
			Code identifying a code list.				
			Provided values:				

			139	Port A location having facilities for means of transport to load or discharge cargo.		
			227	City Identifies a code list containing cities.		
X		**3055**	**Code list responsible agency code** Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
		3224	**Location name** Name of the location.	**C**		**an..256**
X	**C519**		**RELATED LOCATION ONE IDENTIFICATION** Identification the first related location by code or name.	**C**	**1**	
X		**3223**	**First related location name code** Code specifying first related location. ISO 2-Letter Country code	**C**		**an..25**
X		**1131**	**Code list identification code** Code identifying a code list.	**C**		**an..17**
X		**3055**	**Code list responsible agency code** Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3222**	**First related location name**	**C**		**an..70**
X	**C553**		**RELATED LOCATION TWO IDENTIFICATION** Identification of second related location by code or name.	**C**	**1**	
X		**3233**	**Second related location name code** Code specifying the second related location.	**C**		**an..25**
X		**1131**	**Code list identification code** Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..17**
X		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	**C**		**an..3**
X		**3232**	**Second related location name** Name of the second related location.	**C**		**an..70**
X	**5479**		**RELATION CODE**	**C**	**1**	**an..3**

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 Element Summary

	Data Element	Component Element	Name		Attributes	
M	**C507**		**DATE/TIME/PERIOD**	**M**	**1**	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		**2005**	**Date or time or period function code qualifier**	**M**		**an..3**
			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 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**		**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.			
			Provided values:			
			203 CCYYMMDDHHMM 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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: 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: 1
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 Element Summary

	Data Element	Component Element	Name			Attributes
M	**8053**		**EQUIPMENT TYPE CODE QUALIFIER** Code qualifying a type of equipment. Provided values: 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.	**M**	**1**	**an..3**
	C237		**EQUIPMENT IDENTIFICATION** Marks (letters/numbers) identifying equipment.	**C**	**1**	
		8260	**Equipment identifier** To identify equipment. Prefix or alphabetic part of an equipment unit's identifying number (Equipment Initial) and sequencing or serial part of an equipment unit's identifying number (Equipment Number) including check digit.	**C**		**an..17**
X		**1131**	**Code list identification code**	**C**		**an..17**
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
X		**3207**	**Country name code**	**C**		**an..3**
	C224		**EQUIPMENT SIZE AND TYPE** Code and or name identifying size and type of equipment. Code preferred.	**C**	**1**	
		8155	**Equipment size and type description code** Code specifying the size and type of equipment. ISO Equipment Type Code according to ISO 6346:1995 Example: 45G1	**C**		**an..10**
		1131	**Code list identification code** Code identifying a code list. Provided values: 102 Size and type	**C**		**an..17**
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list. Provided values: 5 ISO (International Organization for Standardization)	**C**		**an..3**
X		**8154**	**Equipment size and type description**	**C**		**an..35**

X	**8077**	**EQUIPMENT SUPPLIER CODE**	**C**	**1**	**an..3**
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X	**8249**	**EQUIPMENT STATUS CODE**	**C**	**1**	**an..3**
		Refer to D.00B Data Element Dictionary for acceptable code values.			
	8169	**FULL OR EMPTY INDICATOR CODE**	**C**	**1**	**an..3**
		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 Element Summary

	Data Element	Component Element	Name	Attributes		
M	**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**

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 Element Summary

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

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
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
CH	Customs Hold
CR	Carrier Release
CT	Customs Released
HR	Carrier Un-Release
IB	U.S. Customs, In-bond Movement Authorized

6.1.3 Event Codes – Rail Events

Status Code	Description
A	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
P	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
X3	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.
146	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

1	Maritime Transport
2	Rail Transport
3	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'