

HL STANDARD IFTSTA D99B FOR TRACING

EDI Message Implementation Guide

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Status Indicators

Status Indicators (M and C) form part of the UN/EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure.

The Status Indicators are:

Indicator	Value	Description
M	Mandatory	This entity must appear in all messages. Shown as usage indicator "M" in Implementation Guidelines.
C	Conditional	This entity is used by agreement between the parties to the transaction.

A 'Conditional' Status Indicator may be represented by a supporting Usage Indicator which is either M, O, D or X.

Usage Indicators

Throughout this document reference is made to indicators (M, D, O and X) which are shown adjacent to data items and which dictate for the particular message or set thereof the agreed usage of the data items or entities.

Set out below are the indicators and their respective uses:

Indicator	Value	Description
M	Mandatory	Indicates that this entity is mandatory and must be sent in this implementation.
O	Optional	Indicates that this entity is at the need or discretion of the sender of the message.
D	Dependent	Indicates that the use of the entity depends upon a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
X	Not Used	Indicates that the entity is not to be used in this message implementation.

Please be aware that each usage indicator describes the usage of an entity within it's parent entity. For example, a segment that is marked to be (M)andatory within an optional segment group must only be sent when the segment group is used.

Message Structure

Tag	Name	Status	Max. Use	Usage
UNA	Service String Advice	C	1	O
UNB	Interchange Header	M	1	M
UNG	Functional Group Header	C	1	O
UNH	Message Header	M	1	M
BGM	Beginning of Message	M	1	M
DTM	Date/Time/Period	C	9	O
TSR	Transport Service Requirements	C	1	X
Group1		C	9	O
NAD	Name and Address	M	1	M
Group2		C	9	X
CTA	Contact Information	M	1	X
COM	Communication Contact	C	9	X
Group3		C	9	X
RFF	Reference	M	1	X
DTM	Date/Time/Period	C	1	X
LOC	Place/Location Identification	C	9	X
FTX	Free Text	C	9	X
CNT	Control Total	C	9	X

Group4		C	99999	O
CNI	Consignment Information	M	1	M
LOC	Place/Location Identification	C	9	X
CNT	Control Total	C	9	X
Group5		M	99	M
STS	Status	M	1	M
RFF	Reference	C	999	O
DTM	Date/Time/Period	C	9	O
DOC	Document/Message Details	C	1	X
FTX	Free Text	C	9	X
NAD	Name and Address	C	9	X
LOC	Place/Location Identification	C	1	O
PCI	Package Identification	C	99	X
Group6		C	99	O
TDT	Details of Transport	M	1	M
DTM	Date/Time/Period	C	9	X
RFF	Reference	C	9	O
Group7		C	9	O
LOC	Place/Location Identification	M	1	M
DTM	Date/Time/Period	C	9	O
Group8		C	99	O
EQD	Equipment Details	M	1	M
MEA	Measurements	C	9	X
DIM	Dimensions	C	9	X
SEL	Seal Number	C	9	X
RFF	Reference	C	9	O
TPL	Transport Placement	C	9	X
TMD	Transport Movement Details	C	1	X
Group9		C	99	X
EQA	Attached Equipment	M	1	X
SEL	Seal Number	C	9	X
Group10		C	99	X
GID	Goods Item Details	M	1	X
HAN	Handling Instructions	C	9	X
SGP	Split Goods Placement	C	99	X
DGS	Dangerous Goods	C	9	X
FTX	Free Text	C	9	X
Group11		C	99	X
MEA	Measurements	M	1	X
EQN	Number of Units	C	1	X
Group12		C	99	X
DIM	Dimensions	M	1	X
EQN	Number of Units	C	1	X
Group13		C	99	X
PCI	Package Identification	M	1	X
GIN	Goods Identity Number	C	9	X

UNT	Message Trailer	M	1	M
UNE	Functional Group Trailer	C	1	O
UNZ	Interchange Trailer	M	1	M

Description of used Message Segments

UNA Service String Advice

Status: C Usage: O Min/Max: 0/1
Group: N/A

up

Example:

UNA:+.? '

Tag	Element Name	Status	Type	Usage
U001	COMPONENT DATA ELEMENT SEPARATOR	M	a1	M
Example: UNA:␣. ? ' Defines the colon as Component Data Element Separator				
U002	DATA ELEMENT SEPARATOR	M	a1	X
Example: UNA:␣. ? ' Defines the plus-sign as Data Element Separator				
U003	DELEMITTER NOTATION	M	an1	X
Example: UNA:␣. ? ' Defines the point as Delemitter Notation				
U004	RELEASE INDICATOR	M	an1	X
Example: UNA:␣. ? ' Defines the question mark as Release Indicator				
U005	RESERVED FOR FUTURE USE	M	an1	X
Example: UNA:␣. ? _' Defines the space stays a space				
U006	SEGMENT TERMINATOR	M	an1	X
Example: UNA:␣. ? _' Defines the single quotation mark as Segment Terminator				

UNB Interchange Header

Status: M	Usage: M	Min/Max: 1/1
Group: N/A		

up

Description:

To identify an interchange.

Example:

UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1

Tag	Element Name	Status	Type	Usage
S001	SYNTAX IDENTIFIER	M		M
	Description: Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.			
0001	Syntax identifier	M	a4	M
	Description: Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange. Example: UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1			
0002	Syntax version number	M	n1	M
	Description: Version number of the syntax. Example: UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1			
S002	INTERCHANGE SENDER	M		M
	Description: Identification of the sender of the interchange.			
0004	Sender identification	M	an..35	M
	Description: Name or coded identification of the sender of the interchange. Example: UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
0008	Address for reverse routing	C	an..14	O
	Description: Identification (for example, a division, branch or computer system/process) specified by the sender of interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.			

S003	INTERCHANGE RECIPIENT	M		M
	Description: Identification of the recipient of the interchange.			
0010	Recipient identification	M	an..35	M
	Description: Name or coded identification of the recipient of the interchange. Example: UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
0014	Routing address	C	an..14	O
	Description: Identification (for example, a division, branch or computer system/process) specified by the recipient of interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing.			
S004	DATE AND TIME OF PREPARATION	M		M
	Description: Date and time of preparation of the interchange.			
0017	Date of preparation	M	n6	M
	Description: Local date when an interchange or a group was prepared. Example: UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1 090730 = Year 090730 = Month 090730 = Day 090730 = 30. July 2009			
0019	Time of preparation	M	n4	M
	Description: Local time of day when an interchange or a group was prepared. Example: UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1 1519 = Hour 1519 = Minute 1519 = 3:19pm UTC			
0020	INTERCHANGE CONTROL REFERENCE	M	an..14	M
	Description: Unique reference assigned by the sender to an interchange.			
S005	RECIPIENTS REFERENCE PASSWORD	C		O
	Description: Reference or password as agreed between the communicating partners.			
0022	Recipient reference/password	M	an..14	M
	Description: Reference or password to the recipient's system or to a third party network as specified in the partners' interchange agreement.			
0025	Recipient reference/password qualifier	C	an2	O
	Description: Qualifier for the recipient's reference or password.			
0026	APPLICATION REFERENCE	C	an..14	O

0029	Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message type, if all the messages in the interchange are of the same type.			
	PROCESSING PRIORITY CODE	C	a1	O
0031	Description: Code determined by the sender requesting processing priority for the interchange.			
	ACKNOWLEDGEMENT REQUEST	C	n1	O
0032	Description: Code requesting acknowledgement for the interchange.			
	COMMUNICATIONS AGREEMENT ID	C	an..35	O
0035	Description: Identification by name or code of the type of agreement under which the interchange takes place.			
	TEST INDICATOR	C	n1	O
Description: Indication that the structural level containing the test indicator is a test.				

UNG Functional Group Header

Status: C Usage: O Min/Max: 0/1
Group: N/A

up

Description:

To head, identify and specify a group of messages and/or packages, which may be used for internal routing and which may contain one or more message types and/or packages.

Tag	Element Name	Status	Type	Usage
0038	FUNCTIONAL GROUP IDENTIFICATION	M	an..6	M
Description: Identification of the single message type in the group.				
S006	APPLICATION SENDER IDENTIFICATION	M		M
Description: Sender identification of for example a division, branch or application computer system/process.				
0040	Application sender identification	M	an..35	M
Description: Name or coded identification of the application sender (for example, a division, branch or computer system/process).				
0007	Partner identification code qualifier	C	an..4	O
Description: Qualifier referring to the identification code.				
S007	APPLICATION RECIPIENTS IDENTIFICATION	M		M
Description: Recipient identification of for example a division, branch or application computer system/process.				
0044	Application recipient's identification	M	an..35	M
Description: Name or coded identification of the application recipient (for example, a division, branch or computer system/process).				
0007	Partner identification code qualifier	C	an..4	O
Description: Qualifier referring to the identification code.				
S004	DATE AND TIME OF PREPARATION	M		X
Description: Date and time of preparation of the interchange.				
0017	Date of preparation	M	n6	X
Description: Local date when an interchange or a group was prepared.				
0019	Time of preparation	M	n4	X
Description: Local time of day when an interchange or a group was prepared.				
0048	FUNCTIONAL GROUP REFERENCE NUMBER	M	an..14	X
Description: Unique reference number for the group within an interchange.				
0051	CONTROLLING AGENCY	M	an..2	M
Description: Code identifying a controlling agency.				

S008	MESSAGE VERSION	M		M
	Description: Specification of the version and release numbers of all of the messages of a single type in the group.			
0052	Message type version number	M	an..3	M
	Description: Version number of a message type.			
0054	Message type release number	M	an..3	M
	Description: Release number within the current message version number.			
0057	Association assigned code	C	an..6	O
	Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.			
0058	APPLICATION PASSWORD	C	an..14	X
	Description: Password to the recipient's division, department or sectional application system/process.			

UNH Message Header

Status: M Usage: M Min/Max: 1/1 Group: N/A

up

Description:

To head, identify and specify a message.

Example:

UNH+751615766000+IFTSTA:D:99B:UN

Tag	Element Name	Status	Type	Usage
0062	MESSAGE REFERENCE NUMBER	M	an..14	M

Description:

Unique message reference assigned by the sender.

Example:

UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+090730:1519+10062+++++1

"+++++" = every "+" separates a unused field
1 = indicates a test file

UNH+751615766000+IFTSTA:D:99B:UN

751615766000 = Unique message number

S009	MESSAGE IDENTIFIER	M		M
	Description: Identification of the type, version, etc. of the message being interchanged.			
0065	Message type identifier	M	an..6	M
	Description: Code identifying a type of message and assigned by its controlling agency. Note: UNH+751615766000+IFTSTA:D:99B:UN IFTSTA = International multimodal status report message			
0052	Message type version number	M	an..3	M
	Description: Version number of a message type. Note: UNH+751615766000+IFTSTA:D:99B:UN D = Version number			
0054	Message type release number	M	an..3	M
	Description: Release number within the current message version number. Note: UNH+751615766000+IFTSTA:D:99B:UN 99B = Release number includes the year 1999 and the indicator "B" standing for the second release			
0051	Controlling agency	M	an..2	M
	Description: Code identifying a controlling agency. Note: UNH+751615766000+IFTSTA:D:99B:UN UN = Controlling agency			
0057	Association assigned code	C	an..6	O
	Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.			
0068	COMMON ACCESS REFERENCE	C	an..35	X
	Description: Reference serving as a key to relate all subsequent transfers of data to the same business case or file.			
S010	STATUS OF THE TRANSFER	C		X
	Description: Statement that the message is one in a sequence of transfers relating to the same topic.			
0070	Sequence message transfer number	M	n..2	X
	Description: Number assigned by the sender indicating the transfer sequence of a message related to the same topic. The message could be an addition or a change to an earlier transfer related to the same topic.			
0073	First/last sequence message transfer indication	C	a1	X
	Description: Indication used for the first and last message in a sequence of messages related to the same topic.			

BGM Beginning of Message

Status: M	Usage: M	Min/Max: 1/1
Group: N/A		

up

Description:

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

Example:

BGM+23+751615766000+9

Tag	Element Name	Status	Type	Usage
C002	DOCUMENT/MESSAGE NAME	C		O
	Description: Identification of a type of document/message by code or name. Code preferred.			
1001	Document name code	C	an..3	O
	Description: Code specifying the document name. Example: BGM+23+751615766000+9 23 = Status information Information regarding the status of a related message.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
1000	Document name	C	an..35	X
	Description: Free form description of the document.			
C106	DOCUMENT/MESSAGE IDENTIFICATION	C		O
	Description: Identification of a document/message by its number and eventually its version or revision.			
1004	Document/message number	C	an..35	O
	Description: Reference number assigned to the document/message by the issuer. Example: BGM+23+751615766000+9 751615766000 = Document/message number			
1056	Version	C	an..9	X
	Description: To specify the version number or name of an object.			
1060	Revision number	C	an..6	X
	Description: To specify a revision number.			
1225	MESSAGE FUNCTION CODE	C	an..3	O

Description:

Code indicating the function of the message.

Example:

BGM+23+751615766000+9

9 = Original

Initial transmission related to a given transaction.

4343

RESPONSE TYPE CODE

C

an..3

X

Description:

Code specifying the type of acknowledgment required or transmitted.

DTM Date/Time/Period

Status: C	Usage: O	Min/Max: 0/9
Group: N/A		

up

Description:

To specify date, and/or time, or period.

Tag	Element Name	Status	Type	Usage
C507	DATE/TIME/PERIOD	M		M
	Description: Date and/or time, or period relevant to the specified date/time/period type.			
2005	Date/time/period function code qualifier	M	an..3	M
	Description: Code giving specific meaning to a date, time or period. Example: DTM+ <u>137</u> :200907220019:203 137 = Document/message date/time Date/time when a document/message is issued. This may include authentication.			
2380	Date/time/period value	C	an..35	O
	Description: The value of a date, a date and time, a time or of a period in a specified representation. Example: DTM+137: <u>200907220019</u> :203 <u>2009</u> 07220019 = Year 2009 <u>07</u> 220019 = Month 200907 <u>22</u> 0019 = Day 20090722 <u>00</u> 19 = Hour 2009072200 <u>19</u> = Minute 200907220019 = 22.July 2009, 00:19 am			
2379	Date/time/period format code	C	an..3	O
	Description: Code specifying the representation of a date, time or period. Example: DTM+137:200907220019: <u>203</u> 203 = CCYYMMDDHHMM (C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes) Calendar date including time with minutes			

NAD Name and Address

Status: M	Usage: M	Min/Max: 1/1
Group: 1		

up

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Example:

NAD+C1+1064474:160:87

Tag	Element Name	Status	Type	Usage
3035	PARTY FUNCTION CODE QUALIFIER	M	an..3	M

Description:

Code giving specific meaning to a party.

Note:

Company or Branch of a company for which all the status information of this Message is provided.
This information is helpful for scenarios where the same EDI link is used to provide IFTSTA messages for different parties.
C1 (= In care of party no. 1)

C082	PARTY IDENTIFICATION DETAILS	C		O
	Description: Identification of a transaction party by code.			
3039	Party identifier	M	an..35	M
	Description: Code specifying the identity of a party. Note: This ID is used to identify a company or branch of a company. Code must be mutual defined with Hapag-Lloyd.			
1131	Code list identification code	C	an..3	O
	Description: Identification of a code list. Note: 160 (= Party identification)			
3055	Code list responsible agency code	C	an..3	O
	Description: Code specifying the agency responsible for a code list. Note: 87 (=Assigned by carrier) The code is assigned by Hapag-Lloyd.			
C058	NAME AND ADDRESS	C		X
	Description: Unstructured name and address: one to five lines.			
3124	Name and address line [1..5]	M	an..35	X
	Description: Free form name and address description.			

C080	PARTY NAME	C		X
	Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.			
3036	Party name	M	an..35	X
	Description: Name of a party involved in a transaction.			
3036	Party name	C	an..35	X
	Description: Name of a party involved in a transaction.			
3036	Party name	C	an..35	X
	Description: Name of a party involved in a transaction.			
3036	Party name	C	an..35	X
	Description: Name of a party involved in a transaction.			
3036	Party name	C	an..35	X
	Description: Name of a party involved in a transaction.			
3045	Party name format code	C	an..3	X
	Description: Code specifying the representation of a party name.			
C059	STREET	C		X
	Description: Street address and/or PO Box number in a structured address: one to four lines.			
3042	Street and number/p.o. box [1..4]	M	an..35	X
	Description: Street and number in plain language, or Post Office Box No.			
3164	CITY NAME	C	an..35	X
	Description: Name of a city (a town, a village) for addressing purposes.			
C819	COUNTRY SUB-ENTITY DETAILS	C		X
	Description: To specify a part of a country (eg county or part of a city).			
3229	Country sub-entity name code	C	an..9	X
	Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3228	Country sub-entity name	C	an..35	X
	Description: Name of sub-entities (state, province) defined by appropriate governmental agencies.			
3251	POSTAL IDENTIFICATION CODE	C	an..17	X

Description:

Code specifying the postal zone or address.

3207

COUNTRY NAME CODE

C

an..3

X

Description:

Identification of the name of the country or other geographical entity as specified in ISO 3166.

CNI Consignment Information

Status: M	Usage: M	Min/Max: 1/1
Group: 4		

up

Description:

To identify one consignment.

Example:

CNI+1

Tag	Element Name	Status	Type	Usage
1490	CONSOLIDATION ITEM NUMBER	C	n..4	O
Description: Serial number differentiating each separate consignment included in the consolidation. Example: CNI+1 1 = Consolidation item number				
C503	DOCUMENT/MESSAGE DETAILS	C		O
Description: Identification of document/message by number, status, source and/or language.				
1004	Document/message number	C	an..35	O
Description: Reference number assigned to the document/message by the issuer. Example: Customer's reference for a container				
1373	Document status code	C	an..3	X
Description: Code specifying the status of a document.				
1366	Document/message source	C	an..70	X
Description: Indication of the source from which the printed information is to be or has been obtained.				
3453	Language name code	C	an..3	X
Description: Code specifying the language name.				
1056	Version	C	an..9	X
Description: To specify the version number or name of an object.				
1060	Revision number	C	an..6	X
Description: To specify a revision number.				
1312	CONSIGNMENT LOAD SEQUENCE NUMBER	C	n..4	X
Description: To indicate the sequence of loading in which the consignments are loaded in a piece of equipment or in a means of transport (e.g. truck).				

STS Status

Status: M	Usage: M	Min/Max: 1/1
Group: 5		

up

Description:

To specify the status of an object or service, including its category and the reason(s) for the status.

Example:

STS+1+29

Tag	Element Name	Status	Type	Usage
C601	STATUS CATEGORY	C		O
	Description: To specify the category of the status.			
9015	Status category, coded	M	an..3	M
	Description: Code identifying the category of a status. Example: STS+1+29 1 = Transport Status type is related to transport.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			

C555	STATUS	C		O
	Description: To specify a status. Example: STS+1+ <u>29</u> list of codes in the sequence of a transport: 27 empty container Picked up from depot 22 empty container Delivered to customer (*) 13 Picked up from customer at place of acceptance (*) 98 Received at inland terminal (occurring as export event) 99 Departed from inland terminal (occurring as export event) 74 Received at port of loading/transshipment 48 Loaded on vessel at port of loading/transshipment 25 Departure deviation for port of loading/transshipment 24 Departed from port of loading/transshipment 20 Arrival deviation for port of discharge/transshipment 1 Arrived at port of discharge/transshipment 29 Discharged from vessel at port of discharge/transshipment 67 Delivered at port of discharge/transshipment 98 Received at inland terminal (occurring as import event) 99 Departed from inland terminal (occurring as import event) 64 Available for delivery (*) 21 Delivered to customer at place of delivery (*) 82 empty container Delivered to depot These are additional events which could appear (*): 78 Carrier Release 12 Customs Release 28 Container stripped 93 Container stuffed 70 Rail Load 26 Rail Unload (*) event can only be provided under certain circumstances.			
4405	Status description code	M	an..3	M
	Description: Code specifying a status.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
4404	Status description	C	an..35	X
	Description: Free form description of a status.			

C556	STATUS REASON [0..5]	C		X
	Description: To specify the reason for a status.			
9013	Status reason description code	M	an..3	X
	Description: Code specifying the reason for a status.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
9012	Status reason description	C	an..256	X
	Description: Free form description of the status reason.			

RFF Reference

Status: C	Usage: O	Min/Max: 0/999
Group: 5		

up

Description:

To specify a reference.

Example:

RFF+CODE:Referenz_Number

Tag	Element Name	Status	Type	Usage
C506	REFERENCE	M		M
	Description: Identification of a reference.			
1153	Reference function code qualifier	M	an..3	M
	Description: Code giving specific meaning to a reference segment or a reference number. Example: RFF+ BN :11111111 RFF+ BM :HLCUXXX111111111 RFF+ CN :87654321 RFF+ CU :4711 Code BN Booking Number (Value = 11111111) BM Bill of Lading Number (Value = HLCUXXX111111111) CN Carrier's reference number assigned to a consignment. (Value = 87654321) It is the original Booking Number before any shipment splits have occurred. Hapag-Lloyd calls this <i>Business Number</i> CU Customer Reference (Value = 4711)			
1154	Reference identifier	C	an..35	O
	Description: Identifies a reference.			
1156	Line number	C	an..6	X
	Description: Number of the line in the document/message referenced in 1154 Reference identifier.			
4000	Reference version identifier	C	an..35	X
	Description: To identify the version of a reference.			
1060	Revision number	C	an..6	X
	Description: To specify a revision number.			

DTM Date/Time/Period

Status: C	Usage: O	Min/Max: 0/9
Group: 5		

up

Description:

To specify date, and/or time, or period.

Example:

DTM+334:200907211931:203

Tag	Element Name	Status	Type	Usage
C507	DATE/TIME/PERIOD	M		M
	Description: Date and/or time, or period relevant to the specified date/time/period type.			
2005	Date/time/period function code qualifier	M	an..3	M
	Description: Code giving specific meaning to a date, time or period.			
2380	Date/time/period value	C	an..35	O
	Description: The value of a date, a date and time, a time or of a period in a specified representation.			
2379	Date/time/period format code	C	an..3	O
	Description: Code specifying the representation of a date, time or period.			

LOC Place/Location Identification

Status: C	Usage: O	Min/Max: 0/1
Group: 5		

up

Description:

To identify a place or a location and/or related locations.

Example:

LOC+175+CAMTR::6:MONTREAL, QC

Tag	Element Name	Status	Type	Usage
3227	LOCATION FUNCTION CODE QUALIFIER	M	an..3	M
Description: Code identifying the function of a location. Example: LOC+175+CAMTR::6:MONTREAL, QC 175 = Activity location A place at which the activity occurs				

C517	LOCATION IDENTIFICATION	C		O
Description: Identification of a location by code or name.				
3225	Location name code	C	an..25	O
Description: Code specifying the name of the location. Note: Use UN/ECE Recommendation No. 16: UNLOCODE. If not applicable, use appropriate code set in combination with 1131/3055. Example: LOC+175+CAMTR::6:MONTREAL, QC CAMTR = Canada CAMTR = Montreal				
1131	Code list identification code	C	an..3	X
Description: Identification of a code list.				
3055	Code list responsible agency code	C	an..3	O
Description: Code specifying the agency responsible for a code list. Example: LOC+175+CAMTR::6:MONTREAL, QC 6 = UN/ECE (United Nations - Economic Commission for Europe) Self explanatory.				
3224	Location name	C	an..256	O
Description: Name of the location. Example: LOC+175+CAMTR::6:MONTREAL, QC MONTREAL, QC = Montreal (City), Québec (Province)				

C519	RELATED LOCATION ONE IDENTIFICATION	C		X
	Description: Identification the first related location by code or name.			
3223	Related place/location one identification	C	an..25	X
	Description: Specification of the first related place/location by code.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3222	Related place/location one	C	an..70	X
	Description: Specification of the first related place/location by name.			
C553	RELATED LOCATION TWO IDENTIFICATION	C		X
	Description: Identification of second related location by code or name.			
3233	Related place/location two identification	C	an..25	X
	Description: Specification of a second related place/location by code.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3232	Related place/location two	C	an..70	X
	Description: Specification of a second related place/location by name.			
5479	RELATION, CODED	C	an..3	X
	Description: To specify the relationship between two or more items.			

TDT Details of Transport

Status: M	Usage: M	Min/Max: 1/1
Group: 6		

up

Description:

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

Example:

TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS

Tag	Element Name	Status	Type	Usage
8051	TRANSPORT STAGE CODE QUALIFIER	M	an..3	M

Description:

Code qualifying a specific stage of transport.

Example:

TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS

20 = vessel transport
The primary stage in the movement of cargo from the point of origin to the intended destination.

8028	CONVEYANCE REFERENCE NUMBER	C	an..17	O
------	-----------------------------	---	--------	---

Description:

Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).

Example:

TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS

66W37 = The unique reference

C220	MODE OF TRANSPORT	C		O
	Description:			
	Method of transport code or name. Code preferred.			
8067	Transport mode name code	C	an..3	O
	Description:			
	Code specifying the name of a mode of transport.			
	Note:			
	Use UN/ECE Recommendation No 19.			
	Code Mode of Transport			
	1 = Maritime transport			
	2 = Rail transport			
	3 = Road transport			
	4 = Air transport			
	5 = Mail			
	6 = Multimodal transport			
	7 = Fixed transport installations			
	8 = Inland water transport			
	9 = Mode unknown			
	Example:			
	TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS			
	1 = Maritime transport			
8066	Transport mode name	C	an..17	X
	Description:			
	Name of a mode of transport.			

C228	TRANSPORT MEANS	C		X
	Description: Code and/or name identifying the type of means of transport.			
8179	Transport means description code	C	an..8	X
	Description: Code specifying the means of transport.			
8178	Transport means description	C	an..17	X
	Description: Free form description of the means of transport.			
C040	CARRIER	C		O
	Description: Identification of a carrier by code and/or by name. Code preferred.			
3127	Carrier identification	C	an..17	O
	Description: Identification of party undertaking or arranging transport of goods between named points. Example: TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS HLCU = Hapag-Lloyd AG HLUS = Hapag-Lloyd USA, LLC, Tampa			
1131	Code list identification code	C	an..3	O
	Description: Identification of a code list. Example: TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS 172 = Carriers Code list identifying carriers.			
3055	Code list responsible agency code	C	an..3	O
	Description: Code specifying the agency responsible for a code list. Example: TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS 166 = US, National Motor Freight Classification Association The organisation in the USA which is responsible for code maintenance in the trucking industry.			
3128	Carrier name	C	an..35	X
	Description: Name of party undertaking or arranging transport of goods between named points.			
8101	TRANSIT DIRECTION INDICATOR CODE	C	an..3	X
	Description: Code specifying the direction of transport.			

C401	EXCESS TRANSPORTATION INFORMATION	C		X
	Description: To provide details of reason for, and responsibility for, use of transportation other than normally utilized.			
8457	Excess transportation reason, coded	M	an..3	X
	Description: Indication of reason for excess transportation.			
8459	Excess transportation responsibility, coded	M	an..3	X
	Description: Indication of responsibility for excess transportation.			
7130	Customer authorization number	C	an..17	X
	Description: Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.			
C222	TRANSPORT IDENTIFICATION	C		O
	Description: Code and/or name identifying the means of transport.			
8213	Transport means identification name identifier	C	an..9	O
	Description: Identifies the name of the transport means. Note: Use relevant code. May be used in combination with 1131/3055.			
	Example: TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS 9253739 = The identifier			
1131	Code list identification code	C	an..3	O
	Description: Identification of a code list. Example: TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS 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	X
	Description: Code specifying the agency responsible for a code list.			
8212	Transport means identification name	C	an..35	O
	Description: Name identifying a means of transport. Example: TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS HAMBURG EXPRESS = Vessel name			
8453	Nationality of means of transport, coded	C	an..3	X
	Description: Coded name of the country in which a means of transport is registered.			
8281	TRANSPORT OWNERSHIP, CODED	C	an..3	X
	Description: Code indicating the ownership of the means of transport.			

RFF Reference

Status: C	Usage: O	Min/Max: 0/9
Group: 6		

up

Description:

To specify a reference.

Example:

RFF+VON: 33409

Tag	Element Name	Status	Type	Usage
C506	REFERENCE	M		M
	Description: Identification of a reference.			
1153	Reference function code qualifier	M	an..3	M
	Description: Code giving specific meaning to a reference segment or a reference number. Example: RFF+VON: 33409 VON = Voyage number Reference number assigned by the carrier or his agent to the voyage of the vessel.			
1154	Reference identifier	C	an..35	O
	Description: Identifies a reference. Example: RFF+VON: <u>33409</u> 33409 = The reference			
1156	Line number	C	an..6	X
	Description: Number of the line in the document/message referenced in 1154 Reference identifier.			
4000	Reference version identifier	C	an..35	X
	Description: To identify the version of a reference.			
1060	Revision number	C	an..6	X
	Description: To specify a revision number.			

LOC Place/Location Identification

Status: M Usage: M Min/Max: 1/1
Group: 7

up

Description:

To identify a place or a location and/or related locations.

Example:

```
LOC+88+BEANR:::ANTWERP
LOC+9+BEANR:::ANTWERP
LOC+11+CAMTR:::MONTREAL, QC
LOC+7+CASBT:::ST. ALBERT
```

Tag	Element Name	Status	Type	Usage
3227	LOCATION FUNCTION CODE QUALIFIER	M	an..3	M

Description:

Code identifying the function of a location.

Example:

```
LOC+9+BEANR:::ANTWERP
```

```
88 = Place of receipt only if the place of acceptance exists related to the doc
9 = Port of loading
13 = Port of Transhipment
11 = Port of discharge
7 = Place of delivery only if the place of delivery exists related to the doc
```

C517	LOCATION IDENTIFICATION	C		O
	Description: Identification of a location by code or name.			
3225	Location name code	C	an..25	O
	Description: Code specifying the name of the location.			
	Example: LOC+9+BEANR:::ANTWERP BEANR = Belgien BEANR = Antwerpen			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3224	Location name	C	an..256	O
	Description: Name of the location.			
	Example: LOC+9+BEANR:::ANTWERP ANTWERP = Antwerpen			

C519	RELATED LOCATION ONE IDENTIFICATION	C		X
	Description: Identification the first related location by code or name.			
3223	Related place/location one identification	C	an..25	X
	Description: Specification of the first related place/location by code.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3222	Related place/location one	C	an..70	X
	Description: Specification of the first related place/location by name.			
C553	RELATED LOCATION TWO IDENTIFICATION	C		X
	Description: Identification of second related location by code or name.			
3233	Related place/location two identification	C	an..25	X
	Description: Specification of a second related place/location by code.			
1131	Code list identification code	C	an..3	X
	Description: Identification of a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3232	Related place/location two	C	an..70	X
	Description: Specification of a second related place/location by name.			
5479	RELATION, CODED	C	an..3	X
	Description: To specify the relationship between two or more items.			

DTM Date/Time/Period

Status: C	Usage: O	Min/Max: 0/9
Group: 7		

up

Description:

To specify date, and/or time, or period.

Tag	Element Name	Status	Type	Usage
C507	DATE/TIME/PERIOD	M		M
	Description: Date and/or time, or period relevant to the specified date/time/period type.			
2005	Date/time/period function code qualifier	M	an..3	M
	Description: Code giving specific meaning to a date, time or period.			
	Example: 132 = Arrival date/time, estimated Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. 178 = Arrival date/time, actual Date (and time) of arrival of means of transport. 133 = Departure date/time, estimated Date/time when carrier estimates that a means of transport should depart at the place of departure. 186 = Departure date/time, actual Date (and time) of departure of means of transport.			
2380	Date/time/period value	C	an..35	O
	Description: The value of a date, a date and time, a time or of a period in a specified representation.			
2379	Date/time/period format code	C	an..3	O
	Description: Code specifying the representation of a date, time or period.			
	Example: 203 = CCYYMMDDHHMM Calendar date including time with minutes (C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes).			

EQD Equipment Details

Status: M	Usage: M	Min/Max: 1/1
Group: 8		

up

Description:

To identify a unit of equipment.

Example:

EQD+CN+HLXU1111111+45G1:102:5+++5

Tag	Element Name	Status	Type	Usage
8053	EQUIPMENT TYPE CODE QUALIFIER	M	an..3	M
Description: Code qualifying a type of equipment. Example: EQD+ <u>CN</u> +HLXU1111111+45G1:102:5+++5 CN = Container				

C237	EQUIPMENT IDENTIFICATION	C		O
Description: Marks (letters/numbers) identifying equipment.				
8260	Equipment identification number	C	an..17	O
Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device. Example: EQD+CN+ <u>HLXU1111111</u> +45G1:102:5+++5 HLXU1111111 = Equipment identification number				
1131	Code list identification code	C	an..3	X
Description: Identification of a code list.				
3055	Code list responsible agency code	C	an..3	X
Description: Code specifying the agency responsible for a code list.				
3207	Country name code	C	an..3	X
Description: Identification of the name of the country or other geographical entity as specified in ISO 3166.				

C224	EQUIPMENT SIZE AND TYPE	C		O
8155	Description: Code and or name identifying size and type of equipment. Code preferred.			
	Equipment size and type description code	C	an..10	O
1131	Description: Code specifying the size and type of equipment. Note: User or association defined code. May be used in combination with 1131/3055. See ISO 6346 for seagoing containers.			
	Example: EQD+CN+HLXU1111111+4561:102:5+++5 4561 = 40 Foot High Cube Dry Shipping Container			
3055	Description: Identification of a code list.			
	Code list identification code	C	an..3	O
8154	Example: EQD+CN+HLXU1111111+4561:102:5+++5 102 = Size and type Self explanatory.			
	Code list responsible agency code	C	an..3	O
8154	Description: Code specifying the agency responsible for a code list.			
	Example: EQD+CN+HLXU1111111+4561:102:5+++5 5 = ISO (International Organization for Standardization) Self explanatory.			
8154	Description: Free form description of the size and type of equipment.			
	Equipment size and type description	C	an..35	X
8077	EQUIPMENT SUPPLIER, CODED	C	an..3	X
8249	Description: To indicate the party that is the supplier of the equipment.			
	EQUIPMENT STATUS CODE	C	an..3	X
8169	Description: Code specifying the status of equipment.			
	FULL/EMPTY INDICATOR, CODED	C	an..3	O

Description:

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

Note:

CODE

- 1 = More than one quarter volume available
- 2 = More than half volume available
- 3 = More than three quarters volume available
- 4 = Empty
- 5 = Full
- 6 = No volume available
- 7 = Full, mixed consignment

Indicates that the equipment is fully loaded, and includes a number LCL (Less Than Container Load) consignments.

- 8 = Full, single consignment

Indicates that the container is fully loaded with a single FCL (Full Container Load) consignment.

Example:

EQD+CN+HLXU1111111+45G1:102:5+++5

- 5 = Full

RFF Reference

Status: C Usage: O Min/Max: 0/9
Group: 8

up

Description:

To specify a reference.

Tag	Element Name	Status	Type	Usage
C506	REFERENCE	M		M
	Description: Identification of a reference.			
1153	Reference function code qualifier	M	an..3	M
	Description: Code giving specific meaning to a reference segment or a reference number. Example: AAQ = Unit load device (e.g. container) identification number Marks (letters and/or numbers) which identify a unit load device e.g. freight container.			
1154	Reference identifier	C	an..35	O
	Description: Identifies a reference. Example: 33409 = A reference for the container			
1156	Line number	C	an..6	X
	Description: Number of the line in the document/message referenced in 1154 Reference identifier.			
4000	Reference version identifier	C	an..35	X
	Description: To identify the version of a reference.			
1060	Revision number	C	an..6	X
	Description: To specify a revision number.			

UNT Message Trailer

Status: M	Usage: M	Min/Max: 1/1
Group: 13		

up

Description:

To end and check the completeness of a message.

Example:

UNT+16+751615766000

Tag	Element Name	Status	Type	Usage
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	n..6	M
Description: The number of segments in a message body, plus the message header segment and message trailer segment. Example: UNT+ 16 +751615766000 16 = Number of segments				
0062	MESSAGE REFERENCE NUMBER	M	an..14	M
Description: Unique message reference assigned by the sender. Example: UNT+16+ <u>751615766000</u> 751615766000 = Unique message reference number				

UNE Functional Group Trailer

Status: C	Usage: O	Min/Max: 0/1
Group: 13		

up

Description:

To end and check the completeness of a group.

Tag	Element Name	Status	Type	Usage
0060	NUMBER OF MESSAGES	M	n..6	M
Description: The number of messages and packages in the group.				
0048	FUNCTIONAL GROUP REFERENCE NUMBER	M	an..14	X
Description: Unique reference number for the group within an interchange.				

UNZ Interchange Trailer

Status: M	Usage: M	Min/Max: 1/1
Group: N/A		

up

Description:

To end and check the completeness of an interchange.

Example:

UNZ+1+15908

Tag	Element Name	Status	Type	Usage
0036	INTERCHANGE CONTROL COUNT	M	n..6	M

Description:

The number of messages and packages in an interchange or, if used, the number of groups in an interchange.

Note:

UNZ+1+15908

1 = Number of messages, packages, groups...

0020	INTERCHANGE CONTROL REFERENCE	M	an..14	M
------	-------------------------------	---	--------	---

Description:

Unique reference assigned by the sender to an interchange.

Example:

UNZ+1+15908

15908 = Interchange control reference

Message Example:

```

UNA:+.? '
UNB+UNOA:1+HAPAG-LLOYD+XYZ-AG+131108:2200+15908+++++1'
UNH+751615766000+IFTSTA:D:99B:UN'
BGM+23+751615766000+9'
DTM+137:201311082200:203'
NAD+C1+1064474:160:87'
CNI+1'
STS+1+29'
RFF+BN:11111111'
RFF+CN:87654321'
RFF+BM:HLCUXXX11111111'
RFF+CU:4711'
DTM+334:201311082200:203'
LOC+175+COCTG:::CARTAGENA'
TDT+20+66W37+1++HLCU:172:166+++9253739:146::HAMBURG EXPRESS'
RFF+VON:33409'
LOC+88+TRBTZ:::BURSA'
DTM+133:201310100000:203'
LOC+9+TRGEM:::GEMLIK'
DTM+186:201310201630:203'
LOC+13+ESVLC:::VALENCIA'
DTM+178:201310280700:203'
DTM+186:201310281200:203'
LOC+11+COCTG:::CARTAGENA'
DTM+178:201311082200:203'
LOC+7+COCTG:::CARTAGENA'
DTM+132:201311091000:203'
EQD+CN+HLXU11111111+45G1:102:5+++5'
UNT+27+751615766000'
UNZ+1+15908'

```

