

HL STANDARD IFTMIN B00B FOR SHIPPING INSTRUCTION

EDI Message Implementation Guide

Version: 3.7

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Trading Partner: all
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Functional Definition

Revision History

Date	Version	Description	Author
2009-11-02	1.0	Document created	Hagen Schlegel
2010-09-28	1.1	- Tax-ID (SG15-RFF) added - Finetuning of Document	Daniel Schäfer
2011-02-24	1.2	Housebill and Customs related information added	Frank Wilke
2011-03-25	1.3	Cargo Tracking Number (SG18-SG22) added	Daniel Schäfer
2011-11-04	1.4	Custom house broker reference and FMC number (SG3-RFF) added	Daniel Schäfer
2012-01-13	1.5	- SG03+RFF+AHX Contract line item number added -SG18+PIA+C212:7140= CG Commodity group code added	Abdelmounaim Fares
2012-04-16	1.6	SG11-NAD Segment: Added possibility to send HL internal Org-Numbers	Daniel Schäfer
2013-03-28	1.8	- SG03+RFF+1153=CT Description changed - SG11+NAD+3055=RP Description changed - SG11+NAD+3055=FP (Freight charges payer) added - SG15+RFF is optional and allowed when SG11+NAD qualifier='OY' - SG15+RFF+1153=AMV added - SG15+RFF+1154=NVOCC added. The order was placed by the NVOCC organisation of the ordering customer, qualifier AMV - SG15+RFF+1154=FORWARDER added.The order was placed by forwarding organisation of the ordering customer, qualifier AMV - SG16+CPI can be sent and is optional - SG6+CPI deleted - SG16+PIA+CG Commodity group code added - G18:FTX:X4451=AED added	Abdelmounaim Fares
2013-07-04	1.9	-Update the Revision History, no content change	Abdelmounaim Fares
2015-07-20	1.9.1	Formal revision - words and layout	Ute Martens
2015-07-22	1.9.2	DG segment (optional) added	Ute Martens
2016-04-12	2.0	Verified Gross Weight handling added - SG37:MEA - SG37:FTX - SG37:RFF - SG39:NAD,DTM - SG40:CTA,COM	Peter Scharringhausen
2016-05-11	2.0	SG39:DTM Example corrected	Peter Scharringhausen
2017-02-16	2.1	SG18:GID Outer package with one inner package Example corrected GID+1+20:CR:::CRATE' GID+1++50:CT:::CARTONS'	Maren Buschmann
2017-04-25	2.2	add IMO Classes here 6.1 and 9 DGS+IMD+82922+88.00:CEL+II+F-A, S-B+++6.1:9'	Maren Buschmann
2018-06-18	2.3	add customs references for Brazil and China - SG11:SG15:RFF+GN:USCC?+Tax-id for Chinas Shipper and/or Consignee' - SG3:RFF+ACD Additional Reference Number used as Brazils RUC Unique Consignment Reference	Maren Buschmann

		- SG3:RFF+ERN External Ref. Number used as Brazils DUE Unique Export Declaration	
2019-06-12	2.4	Mapped optional street, city name and country sub-entity details to NAD - SG11:NAD+C059 added - SG11:NAD+C819 added - SG11:NAD+X3164 added	Arne Ziethen
2019-11-06	2.5	Undo mapping of country sub-entity details - SG11:NAD+C819 disabled	Lars Kummer
2020-02-19	2.6	add customs CARGO Manifest for India Header level: CUX+:USD' MOA+:130358.72' - SG3:RFF+CSN added - SG3:RFF+MCD and SG3:DTM added - SG3:RFF+PCI and SG3:DTM added - SG11:SG15:RFF+GN as Tax-ids	Maren Buschmann
2024-04-17	2.8	added information about Electronic Bill of Lading Segment FTX+ACA	Jakub Nowosielski
2024-07-10	2.9	Added ICS2 details - Header level: FTX+CCI++ENS+...' - SG3:RFF+BH:...' - SG3:RFF+EO:...' - SG11:NAD+BU++...' - SG11:NAD+SE++...' - SG11:SG15:RFF+EO:...' - SG18:SG19:NAD+...+EORI++...'	Adam Cygan
2024-07-29	3.0	More ICS2 details - Header level: FTX+AAE+++UCR ref' - Header level: FTX+PRF+...' - SG18:FTX+CUS+++ECICS code' - SG18:FTX+PRF+...'	Ludmila Cisek
2024-09-11	3.1	Added qualifier "BR" to NAD segment in Group 11 - SG11:NAD+BR+...'	Katarzyna Watroba
2024-12-11	3.2	SG3, SG15, SG22:EO qualifier deprecated, replaced by AVY	Ludmila Cisek
2025-04-08	3.3	SG11, SG19:NAD+BU qualifier deprecated, replaced by BY	Ludmila Cisek
2025-06-25	3.4	Additional ICS2 requirements added: - Consignee details to be provided as "TO ORDER" on HBL level: NAD+UC+++TO ORDER' - Mandatory NAD+N1 added for case described above - Capture HBL-No on Header level (if no HBL provided on Cargo item level) - "Method of Payment" to be provided on HBL level: FTX+CCI++HBL+A' - "PLA" & "PLD" 5-digits UN/LOCODEs to be provided on HBL level - Visited Countries information is provided at GID (Group 18) - FTX	Ludmila Cisek
2025-12-11	3.5	NAIC: MPCID Party ID transmission using FTX segment	Lipinski Adrian
2026-01-16	3.6	Updated from FTX+PRF:MF+EORI MF123' to FTX+PRF+MF+EORI MF123'	Barca Wojciech
2026-03-16	3.7	Change qualifier "BR" to "BL" in NAD segment in Group 11 - SG11:NAD+BL+...'	Lipinski Adrian

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	X
UNH	Message Header	M	1	M
BGM	Beginning of Message	M	1	M
CTA	Contact Information	C	1	O
COM	Communication Contact	C	9	O
DTM	Date/Time/Period	C	9	X
TSR	Transport Service Requirements	C	9	X
CUX	Currencies	C	9	O
MOA	Monetary Amount	C	99	O
FTX	Free Text	C	99	O
CNT	Control Total	C	9	O
DOC	Document/Message Details	C	1	M
GDS	Nature of Cargo	C	9	X
Group1		C	2	O
LOC	Place/Location Identification	M	1	M
DTM	Date/Time/Period	C	1	O
Group2		C	2	X
TOD	Terms of Delivery or Transport	M	1	X
LOC	Place/Location Identification	C	9	X
Group3		C	5	O
RFF	Reference	M	1	M
DTM	Date/Time/Period	C	9	X
Group4		C	9	X
GOR	Governmental Requirements	M	1	X
DTM	Date/Time/Period	C	9	X
LOC	Place/Location Identification	C	9	X
SEL	Seal Number	C	9	X
FTX	Free Text	C	9	X
Group5		C	9	X
DOC	Document/Message Details	M	1	X
DTM	Date/Time/Period	C	1	X
Group6		C	6	O
CPI	Charge Payment Instructions	M	1	M
RFF	Reference	C	99	X
CUX	Currencies	C	1	X
LOC	Place/Location Identification	C	9	X
MOA	Monetary Amount	C	9	X

Group7		C	99	X
TCC	Transport Charge/Rate Calculations	M	1	X
LOC	Place/Location Identification	C	1	X
FTX	Free Text	C	1	X
CUX	Currencies	C	1	X
PRI	Price Details	C	1	X
EQN	Number of Units	C	1	X
PCD	Percentage Details	C	1	X
MOA	Monetary Amount	C	9	X
QTY	Quantity	C	9	X

Group8		C	6	O
TDT	Details of Transport	M	1	M
DTM	Date/Time/Period	C	9	X
TSR	Transport Service Requirements	C	9	X

Group9		C	4	O
LOC	Place/Location Identification	M	1	M
DTM	Date/Time/Period	C	9	X

Group10		C	9	X
RFF	Reference	M	1	X
DTM	Date/Time/Period	C	1	X

Group11		M	8	M
NAD	Name and Address	M	1	M
LOC	Place/Location Identification	C	9	X
MOA	Monetary Amount	C	9	X
Group12		C	1	O
CTA	Contact Information	M	1	M
COM	Communication Contact	C	3	O
Group13		C	9	X
DOC	Document/Message Details	M	1	X
DTM	Date/Time/Period	C	1	X
Group14		C	99	X
TCC	Transport Charge/Rate Calculations	M	1	X
CUX	Currencies	C	1	X
PRI	Price Details	C	1	X
EQN	Number of Units	C	1	X
PCD	Percentage Details	C	1	X
MOA	Monetary Amount	C	9	X
QTY	Quantity	C	9	X
Group15		C	9	O
RFF	Reference	M	1	M
DTM	Date/Time/Period	C	9	X
Group16		C	9	O
CPI	Charge Payment Instructions	M	1	M
RFF	Reference	C	99	X
CUX	Currencies	C	1	X
LOC	Place/Location Identification	C	9	X
MOA	Monetary Amount	C	9	X
Group17		C	99	X
TSR	Transport Service Requirements	M	1	X
RFF	Reference	C	1	X
LOC	Place/Location Identification	C	1	X
TPL	Transport Placement	C	1	X
FTX	Free Text	C	9	X
Group18		C	999	M
GID	Goods Item Details	M	1	M
HAN	Handling Instructions	C	99	X
TMP	Temperature	C	1	X
RNG	Range Details	C	1	X
TMD	Transport Movement Details	C	1	X
LOC	Place/Location Identification	C	9	O
MOA	Monetary Amount	C	9	X
PIA	Additional Product Id	M	1	M
FTX	Free Text	C	99	O
PCD	Percentage Details	C	9	X

Group19		C	9	O
NAD	Name and Address	M	1	O
DTM	Date/Time/Period	C	1	X
LOC	Place/Location Identification	C	9	X
GDS	Nature of Cargo	C	9	X
Group20		C	3	O
MEA	Measurements	M	1	O
EQN	Number of Units	C	1	X
Group21		C	99	X
DIM	Dimensions	M	1	X
EQN	Number of Units	C	1	X
Group22		C	9	O
RFF	Reference	M	1	O
DTM	Date/Time/Period	C	9	X
Group23		C	50	O
PCI	Package Identification	M	1	M
RFF	Reference	C	1	X
DTM	Date/Time/Period	C	1	X
GIN	Goods Identity Number	C	10	X
Group24		C	9	X
DOC	Document/Message Details	M	1	X
DTM	Date/Time/Period	C	9	X
Group25		C	9	X
GOR	Governmental Requirements	M	1	X
DTM	Date/Time/Period	C	9	X
LOC	Place/Location Identification	C	9	X
SEL	Seal Number	C	9	X
FTX	Free Text	C	9	X
Group26		C	9	X
DOC	Document/Message Details	M	1	X
DTM	Date/Time/Period	C	1	X
Group27		C	9	X
TPL	Transport Placement	M	1	X
Group28		C	9	X
MEA	Measurements	M	1	X
EQN	Number of Units	C	1	X
Group29		C	999	O
SGP	Split Goods Placement	M	1	M
Group30		C	99	O
MEA	Measurements	M	1	O
EQN	Number of Units	C	1	X

Group31		C	99	X
TCC	Transport Charge/Rate Calculations	M	1	X
CUX	Currencies	C	1	X
PRI	Price Details	C	1	X
EQN	Number of Units	C	1	X
PCD	Percentage Details	C	1	X
MOA	Monetary Amount	C	9	X
QTY	Quantity	C	9	X
LOC	Place/Location Identification	C	9	X

Group32		C	99	X
DGS	Dangerous Goods	M	1	O
FTX	Free Text	C	99	O

Group33		C	9	O
CTA	Contact Information	M	1	M
COM	Communication Contact	C	9	O

Group34		C	9	X
MEA	Measurements	M	1	X
EQN	Number of Units	C	1	X

Group35		C	999	X
SGP	Split Goods Placement	M	1	X

Group36		C	9	X
MEA	Measurements	M	1	X
EQN	Number of Units	C	1	X

Group37		C	999	O
EQD	Equipment Details	M	1	M
EQN	Number of Units	C	1	X
TMD	Transport Movement Details	C	1	X
MEA	Measurements	C	9	D
DIM	Dimensions	C	9	X
SEL	Seal Number	C	99	O
TPL	Transport Placement	C	9	X
HAN	Handling Instructions	C	1	X
TMP	Temperature	C	1	X
FTX	Free Text	C	9	O
RFF	Reference	C	9	O
Group38		C	99	X
TCC	Transport Charge/Rate Calculations	M	1	X
CUX	Currencies	C	1	X
PRI	Price Details	C	1	X
EQN	Number of Units	C	1	X
PCD	Percentage Details	C	1	X
MOA	Monetary Amount	C	9	X
QTY	Quantity	C	9	X
Group39		C	9	D
NAD	Name and Address	M	1	M
DTM	Date/Time/Period	C	1	O
Group40		C	9	D
CTA	Contact Information	M	1	D
COM	Communication Contact	C	9	O
Group41		C	99	X
EQA	Attached Equipment	M	1	X
EQN	Number of Units	C	1	X
Group42		C	99	X
DGS	Dangerous Goods	M	1	X
FTX	Free Text	C	9	X
Group43		C	9	X
CTA	Contact Information	M	1	X
COM	Communication Contact	C	9	X
UNT	Message Trailer	M	1	M
UNE	Functional Group Trailer	C	1	X
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	X
U002	DATA ELEMENT SEPARATOR	M	a1	X
U003	DELEMITTER NOTATION	M	an1	M
U004	RELEASE INDICATOR	M	an1	X
U005	RESERVED FOR FUTURE USE	M	an1	X
U006	SEGMENT TERMINATOR	M	an1	X

UNB Interchange Header

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

up

Description:

To identify an interchange.

Example:

```
UNB+UNOB:3+PARTNERID:ZZZ+HAPAG-LLOYD:ZZZ+100202:1754+468776+++++1'
```

Tag	Element Name	Status	Type	Usage
S001	SYNTAX IDENTIFIER	M		X
	Description: Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.			
0001	Syntax identifier	M	a4	X
	Description: Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.			
	Note: Hapag-Lloyd prefers the UNOB syntax.			
0002	Syntax version number	M	n1	X
	Description: Version number of the syntax.			
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.			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
0008	Address for reverse routing	C	an..14	X
	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.			
0007	Partner identification code qualifier	C	an..4	O
	Description: Qualifier referring to the identification code.			
0014	Routing address	C	an..14	X
	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.			
0019	Time of preparation	M	n4	M
	Description: Local time of day when an interchange or a group was prepared.			
0020	INTERCHANGE CONTROL REFERENCE	M	an..14	M
	Description: Unique reference assigned by the sender to an interchange.			
S005	RECIPIENTS REFERENCE PASSWORD	C		X
	Description: Reference or password as agreed between the communicating partners.			
0022	Recipient reference/password	M	an..14	X
	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	X
	Description: Qualifier for the recipient's reference or password.			
0026	APPLICATION REFERENCE	C	an..14	X
	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.			
0029	PROCESSING PRIORITY CODE	C	a1	X
	Description: Code determined by the sender requesting processing priority for the interchange.			
0031	ACKNOWLEDGEMENT REQUEST	C	n1	X
	Description: Code requesting acknowledgement for the interchange.			
0032	COMMUNICATIONS AGREEMENT ID	C	an..35	X

Description:
 Identification by name or code of the type of agreement under which the interchange takes place.

0035

TEST INDICATOR

C

n1

X

Description:
 Indication that the structural level containing the test indicator is a test.
Note:
 1-Message should be used as test file.

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+00001+IFTMIN:D:00B:UN'
```

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

Description:
Unique message reference assigned by the sender.

S009	MESSAGE IDENTIFIER	M		X
------	--------------------	---	--	---

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:
IFTMIN

0052	Message type version number	M	an..3	M
------	-----------------------------	---	-------	---

Description:
Version number of a message type.
Note:
D

0054	Message type release number	M	an..3	M
------	-----------------------------	---	-------	---

Description:
Release number within the current message version number.
Note:
00B

0051	Controlling agency	M	an..2	M
------	--------------------	---	-------	---

Description:
Code identifying a controlling agency.
Note:
UN

0057	Association assigned code	C	an..6	X
------	---------------------------	---	-------	---

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
0070	<p>Description: Statement that the message is one in a sequence of transfers relating to the same topic.</p>			
	Sequence message transfer number	M	n..2	X
0073	<p>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.</p>			
	First/last sequence message transfer indication	C	a1	X
	<p>Description: Indication used for the first and last message in a sequence of messages related to the same topic.</p>			

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+340+EDIFACT REFERENCE+9'
```

Tag	Element Name	Status	Type	Usage
C002	DOCUMENT/MESSAGE NAME	C		M
	Description: Identification of a type of document/message by code or name. Code preferred.			
1001	Document name code	C	an..3	M
	Description: Code specifying the document name.			
	Note: 340 Shipping Instruction			
1131	Code list identification code	C	an..17	X
	Description: Code identifying 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: Name of a document.			
C106	DOCUMENT/MESSAGE IDENTIFICATION	C		M
	Description: Identification of a document/message by its number and eventually its version or revision.			
1004	Document identifier	C	an..35	O
	Description: To identify a document.			
	Note: Edifact Reference			
1056	Version identifier	C	an..9	X
	Description: To identify a version.			
1060	Revision identifier	C	an..6	X
	Description: To identify a revision.			
1225	MESSAGE FUNCTION CODE	C	an..3	M

Description:
Code indicating the function of the message.

Note:

- 5 Replacement
- 9 Original
- Default=Original

4343 RESPONSE TYPE CODE C an..3 X

Description:
Code specifying the type of acknowledgment required or transmitted.

CTA Contact Information

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

up

Description:

To identify a person or a department to whom communication should be directed.

Example:

CTA+IC+:CONTACT NAME'

Tag	Element Name	Status	Type	Usage
3139	CONTACT FUNCTION CODE	C	an..3	O

Description:
Code specifying the function of a contact (e.g. department or person).

Note:

IC-Information Contact

C056	DEPARTMENT OR EMPLOYEE DETAILS	C		O
	Description: Code and/or name of a department or employee. Code preferred.			
3413	Department or employee name code	C	an..17	X
	Description: Code specifying the name of a department or employee.			
3412	Department or employee name	C	an..35	M
	Description: Name of a department or employee.			
	Note:			
	Name of employee			

COM Communication Contact

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

up

Description:

To identify a communication number of a department or a person to whom communication should be directed.

Example:

COM+CONTACT NUM:TE'

Tag	Element Name	Status	Type	Usage
C076	COMMUNICATION CONTACT [1..3]	M		M
	<p>Description: Communication number of a department or employee in a specified channel.</p>			
3148	Communication address identifier	M	an..512	M
	<p>Description: To identify a communication address.</p>			
3155	Communication address code qualifier	M	an..3	M
	<p>Description: Code qualifying the communication address.</p> <p>Note:</p> <div style="background-color: #f0f0f0; padding: 5px;"> EM Electronic mail FX Telefax TE Telephone </div>			

CUX Currencies

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

up

Description:

To specify currencies used in the transaction and relevant details for the rate of exchange.

Example:

CUX+ : USD'

Tag	Element Name	Status	Type	Usage
C504	CURRENCY DETAILS	C		O
	Description: The usage to which a currency relates.			
6347	Currency usage code qualifier	M	an..3	X
	Description: Code qualifying the usage of a currency.			
6345	Currency identification code	C	an..3	O
	Description: Code specifying a monetary unit.			
6343	Currency type code qualifier	C	an..3	X
	Description: Code qualifying the type of currency.			
6348	Currency rate value	C	n..4	X
	Description: To specify the value of the multiplication factor used in expressing currency units.			
C504	CURRENCY DETAILS	C		X
	Description: The usage to which a currency relates.			
6347	Currency usage code qualifier	M	an..3	X
	Description: Code qualifying the usage of a currency.			
6345	Currency identification code	C	an..3	X
	Description: Code specifying a monetary unit.			
6343	Currency type code qualifier	C	an..3	X
	Description: Code qualifying the type of currency.			
6348	Currency rate value	C	n..4	X
	Description: To specify the value of the multiplication factor used in expressing currency units.			
5402	CURRENCY EXCHANGE RATE	C	n..12	X
	Description: To specify the rate at which one specified currency is expressed in another specified currency.			
6341	EXCHANGE RATE CURRENCY MARKET IDENTIFIER	C	an..3	X
	Description: To identify an exchange rate currency market.			

MOA Monetary Amount

Status: C Usage: O Min/Max: 0/99
Group: N/A

up

Description:

To specify a monetary amount.

Example:

MOA+ : AMOUNT '

Tag	Element Name	Status	Type	Usage
C516	MONETARY AMOUNT		M	M
	Description: Amount of goods or services stated as a monetary amount in a specified currency.			
5025	Monetary amount type code qualifier		M an..3	X
	Description: Code qualifying the type of monetary amount.			
5004	Monetary amount		C n..35	O
	Description: To specify a monetary amount.			
6345	Currency identification code		C an..3	X
	Description: Code specifying a monetary unit.			
6343	Currency type code qualifier		C an..3	X
	Description: Code qualifying the type of currency.			
4405	Status description code		C an..3	X
	Description: Code specifying a status.			

FTX Free Text

Status: C Usage: O Min/Max: 0/99
Group: N/A

up

Description:

To provide free form or coded text information.

Example:

```
FTX+AAE+++UCR DUMMY REF '
FTX+AAI+++MTD REMARK '
FTX+BLC+++MTD CLAUSE '
FTX+CCI+++MFS+5:US '
FTX+CCI+++MFS+1:US:SCAC '
FTX+CCI+++ENS+1 '
FTX+ACA++WL+WAVE BL '
FTX+PRF:MF+EORI MF123 '
```

Tag	Element Name	Status	Type	Usage
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	M

Description:
Code qualifying the subject of the text.

Note:

BLC Bill of lading / Sea waybill clause (printed on B/L)
 AAE UCR number / Uniform Consignment Reference
 AAI Bill of lading / Sea waybill remarks (not printed on B/L)
 AE UAE Customs Regulation:
 Customs reference for United Emirates
 Advanced Import Filling, it will be handled as Customs
 Reference of type Self Filler on Shipment Level.
 CCI Customs clearance instructions
 ACA Electronic Bill of lading
 PRF Purpose or Function of the additional parties involved in the transaction

When qualifier "AAE" is used, the following rules apply:
 new EU IC2S relevant Customs Reference for Advanced Filling. Can be supplied by
 customer for all three scenarios: Straight BL, Carrier House BL,
 Customer Self Filer. The UCR (Unique Consignment Reference) is a reference
 number of consignments that is unique worldwide. Recommended by the
 World Customs Organization (WCO). The UCR is assigned to goods for entry,
 import, exit and export.

When qualifier "CCI" is used, the following rules apply:
 1. United States or Canadian Imports:
 When Port of Discharge (0520LOC) is a US or Canadian port, Manifest Filer Status
 (MFS) and Manifest Filing Country are mandatory at header level:
 Example:
 FTX+CCI++MFS+5:US
 or
 FTX+CCI++MFS+1:US:SCAC
 If Manifest Filer Status is Self (1), then Manifest Filer Identification C108,
 4440(3) is mandatory.

2. FROB Cargo thru the US or Canada:
 a. For FROB cargo through the US, eg., Hamburg -> US -> Santiago, Hapag
 Lloyd recommends that customers provide Filer Status (Self or Carrier)
 for Manifest Filing Country = US
 b. For FROB cargo thru Canada, eg., Hamburg -> Montreal -> Boston,
 Hapag Lloyd recommends that customers provide Filer Status (Self or
 Carrier) for Manifest Filing Country = CA.
 c. Filer status should NOT be provided for FROB cargo NOT involving US
 or CA.

3. ICS2:
 When imports and transits go through EU, Northern Ireland, Norway or
 Switzerland, ENS is mandatory at header level. ENS = Entry Summary Declaration
 If ENS FTX:C108:X4440[0]*
 value equals "1", it indicates outside filing (not by HL).
 Additionally, if FTX:C108_Text_Literal:X4440[1]**
 is present and its value equals "HBL",
 partner indicates that there will be House Bills of Lading used by Self filer.

If ENS FTX:C108:X4440[0] value equals "5", it indicates carrier filing (by HL)
 If using HBLs, the details should be included later in the message.
 The partner can either provide their HBL references or send HL the data without
 references if they want HL to create the HBLs.

*First usage of the element
 **Second usage of the element

Examples:
 FTX+CCI++ENS+1'
 FTX+CCI++ENS+1:HBL'
 FTX+CCI++ENS+5'

4453 FREE TEXT FUNCTION CODE C an..3 D

Description:
Code specifying the function of free text.

C107		TEXT REFERENCE	C		O
		Description: Coded reference to a standard text and its source.			
4441	Free text value code		M	an..17	D
		Description: Code specifying free form text.			
1131	Code list identification code		C	an..17	X
		Description: Code identifying a code list.			
3055	Code list responsible agency code		C	an..3	X
		Description: Code specifying the agency responsible for a code list.			
C108		TEXT LITERAL	C		O
		Description: Free text; one to five lines.			
4440	Free text value [1..5]		M	an..512	D
		Description: Free form text.			
3453	LANGUAGE NAME CODE		C	an..3	X
		Description: Code specifying the language name.			
4447	FREE TEXT FORMAT CODE		C	an..3	X
		Description: Code specifying the format of free text.			

CNT Control Total

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

up

Description:

To provide control total.

Example:

```
CNT+7:42400:KGM'
CNT+15:104:MTQ'
CNT+11:80'
CNT+16:2'
```

Tag	Element Name	Status	Type	Usage
C270	CONTROL	M		M
	<p>Description: Control total for checking integrity of a message or part of a message.</p>			
6069	Control total type code qualifier	M	an..3	M
	<p>Description: Code qualifying the type of control of hash total.</p> <p>Note:</p> <pre>7 Total gross weight 11 Total number of packages 15 Total volume 16 Total number of equipment</pre>			
6066	Control total value	M	n..18	M
	<p>Description: To specify the value of a control quantity.</p> <p>Note: The value should have two decimal places maximum. The decimal point does not count in the total number of characters.</p>			
6411	Measurement unit code	C	an..3	O
	<p>Description: Code specifying the unit of measurement.</p> <p>Note:</p> <pre>KGM - Kilogram MTQ - Cubic metre</pre>			

DOC Document/Message Details

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

up

Description:

To identify documents and details directly related to it.

Example:

DOC+710+:26++1'

Tag	Element Name	Status	Type	Usage
C002	DOCUMENT/MESSAGE NAME	M		M
	<p>Description: Identification of a type of document/message by code or name. Code preferred.</p> <p>Note:</p> <p style="padding-left: 20px;">706 Bill of lading original 710 Sea waybill Default = "706"</p>			
1001	Document name code	C	an..3	O
	<p>Description: Code specifying the document name.</p>			
1131	Code list identification code	C	an..17	X
	<p>Description: Code identifying a code list.</p>			
3055	Code list responsible agency code	C	an..3	X
	<p>Description: Code specifying the agency responsible for a code list.</p>			
1000	Document name	C	an..35	X
	<p>Description: Name of a document.</p>			

C503	DOCUMENT/MESSAGE DETAILS	C		O
	Description: Identification of document/message by number, status, source and/or language.			
1004	Document identifier	C	an..35	X
	Description: To identify a document.			
1373	Document status code	C	an..3	M
	Description: Code specifying the status of a document. Note: 26 Document not freighted 27 Document freighted			
1366	Document source description	C	an..70	X
	Description: Free form description of the source of a document.			
3453	Language name code	C	an..3	X
	Description: Code specifying the language name.			
1056	Version identifier	C	an..9	X
	Description: To identify a version.			
1060	Revision identifier	C	an..6	X
	Description: To identify a revision.			
3153	COMMUNICATION MEDIUM TYPE CODE	C	an..3	X
	Description: Code specifying the type of communication medium.			
1220	DOCUMENT COPIES REQUIRED QUANTITY	C	n..2	O
	Description: Quantity of document copies required.			
1218	DOCUMENT ORIGINALS REQUIRED QUANTITY	C	n..2	O
	Description: Quantity of document originals required. Note: If C503-1373 Document Status Code 26 Number of originals of document not freighted 27 Number of originals of document freighted			

LOC Place/Location Identification

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

up

Description:

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

Example:

```
LOC+57+CNSHA:::SHANGHAI'
```

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

Description:
Code identifying the function of a location.

Note:

57 Place of payment
91 Place of document issue

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.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying 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.			
	Note: Only 17 characters will be used.			

C519		RELATED LOCATION ONE IDENTIFICATION	C		X
Description: Identification the first related location by code or name.					
3223	First related location name code		C	an..25	X
Description: Code specifying first related location.					
1131	Code list identification code		C	an..17	X
Description: Code identifying a code list.					
3055	Code list responsible agency code		C	an..3	X
Description: Code specifying the agency responsible for a code list.					
3222	First related location name		C	an..70	X
Description: Name of first related location.					
C553		RELATED LOCATION TWO IDENTIFICATION	C		X
Description: Identification of second related location by code or name.					
3233	Second related location name code		C	an..25	X
Description: Code specifying the second related location.					
1131	Code list identification code		C	an..17	X
Description: Code identifying a code list.					
3055	Code list responsible agency code		C	an..3	X
Description: Code specifying the agency responsible for a code list.					
3232	Second related location name		C	an..70	X
Description: Name of the second related location.					
5479	RELATION CODE		C	an..3	X
Description: Code specifying a relation.					

DTM Date/Time/Period

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

up

Description:

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

Example:

DTM+95:20150420:102'

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. Note: 95 Date of Issue			
2005	Date or time or period function code qualifier	M	an..3	M
	Description: Code qualifying the function of a date, time or period.			
2380	Date or time or 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 or time or period format code	C	an..3	O
	Description: Code specifying the representation of a date, time or period. Note: 102 CCYYMMDD			

RFF Reference

Status: M Usage: M Min/Max: 1/1
Group: 3

up

Description:

To specify a reference.

Example:

```
RFF+SI:12354'
RFF+BN:12345678'
RFF+AHX+56754.22.3.14'
RFF+ERN+Brazils DUE Unique Export Declaration'
RFF+ACD+Brazils RUC Unique Consignment Reference'
RFF+CSN:SO222991'
RFF+MCD:SO222991'
DTM+:202001250200:203'
RFF+PCI:SO222991'
DTM+:202001250200:203'
RFF+BH:123456789'
RFF+AVY:DE4711000'
```

Tag	Element Name	Status	Type	Usage
C506	REFERENCE		M	M
	<p>Description: Identification of a reference.</p> <p>Note:</p> <p>United States Exports: When Port of Load (0520LOC) is a US port, Internal Transaction Number (TN) is mandatory either at header or GID (for each commodity). If TN is provided at Header level, then TN will NOT be provided at GID level and vice versa. When Port of Load (0520LOC) is NOT a US port, Customer should neither provide TN at Header nor GID level.</p>			
1153	Reference code qualifier		M an..3	M

Description:	
Code qualifying a reference.	
Note:	
ADU	Broker Reference Used for US Exports to provide the customs house broker reference number of the freight forwarder.
BH	Shipper's House Bill of Lading.
BN	Hapag-Lloyd's 8-digit booking number
BM	Carriers master bill of lading number.
CG	Consignee's order number
AVY	EORI code of the party who does additional filing to the filing of the Ocean carrier (Supplementary Declarant or Self-File of House BLs). Mandatory in case of Self-File or Supplementary Declarant of Buyer and Seller that will file the information to ICS2/EU customs authority for the Straight BL. Registration Identifier of an Organization at the EU Customs Authority. Supplementary Declarant/Self-filer Code for EU is EORI number.
EO	Deprecated, replaced by AVY
FF	Freight forwarder's reference number
GN	Government reference number Used for US Exports to provide the FMC number of the freight forwarder.
SI	Shipper's reference number
ON	Purchase order number
TN	Customs AES-ITN number. Note: Used to indicate the unique Internal Transaction number as provided by the US AES (Automated Export System). If provided here, ITN Reference number will not appear at the GID level (Group 22-RFF).
LC	Letter of credit number
IV	Invoice number
CT	Hapag-Lloyd's contract or quotation number, whatever is applicable
AHX	Contract line item number (Rate note number= reference assigned to a specific rate). Conditional: Required in all cases where the contract is closed with the booking party and this party has received this reference from HL during a rate exchange Must not occur more than once.
ACD	Additional Reference Number used as Brazils RUC Unique Consignment Reference
ERN	External Reference Number used as Brazils DUE Unique Export Declaration
PCI	unique Cargo Identifier as Primary Cargo Identification Number with following DTM
CSN	unique Cargo identifier as Cargo Summary Notification
MCD	unique Cargo identifier as Master Cargo Identification Number with following DTM

1154 Reference identifier C an..70 O

Description:	
Identifies a reference.	
Note:	
Reference value	

1156 Document line identifier C an..6 X

Description:	
To identify a line of a document.	

4000 Reference version identifier C an..35 X

1060	Description: To identify the version of a reference.	C	an..6	X
	Description: To identify a revision.			

CPI Charge Payment Instructions

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

up

Description:

To identify a charge.

Example:

CPI+4++C'
CPI+10++P'

Tag	Element Name	Status	Type	Usage
C229	CHARGE CATEGORY	C		M
	Description: Identification of a category or a zone of charges.			
5237	Charge category code	M	an..3	M
	Description: Code specifying the category of charges. Note: 1 All Charges 3 Basic freight and and all surcharges related to basic freight 4 Basic freight 5 Destination Haulage Charges 7 Destination Port Charges 8 Miscellaneous Charges 10 Origin Port Charges 11 Origin Haulage Charges 12 Other Charges 21 B/L fees (Supply of non-categorised documentation in paper form) 22 Customs export (Supply of customs formalities, export) 24 Customs import (Supply of customs formalities, import)			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
C231	METHOD OF PAYMENT	C		X
	Description: Code identifying the method of payment.			
4215	Transport charges payment method code	M	an..3	X
	Description: Code specifying the payment method for transport charges.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
4237	PAYMENT ARRANGEMENT CODE	C	an..3	O

Description:

Code specifying the arrangements for a payment.

Note:

C Collect P Prepaid

TDT Details of Transport

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

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+10+TEST+1+++++:::TEST EXPRESS'
LOC+88+DEMUC:::MUNICH'
TDT+20+55W14+1+++++:::HAMBURG EXPRESS'
LOC+9+DEHAM:::HAMBURG'
LOC+11+SGSIN:::Singapore'
```

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

Description:	Code qualifying a specific stage of transport.
Note:	
	10 Pre-carriage transport 20 Main-carriage transport

8028	MEANS OF TRANSPORT JOURNEY IDENTIFIER	C	an..17	O
------	---------------------------------------	---	--------	---

Description:	To identify a journey of a means of transport.
Note:	
	Schedule voyage number

C220	MODE OF TRANSPORT	C		M
------	-------------------	---	--	---

Description:	Method of transport code or name. Code preferred.
---------------------	---

8067	Transport mode name code	C	an..3	M
------	--------------------------	---	-------	---

Description:	Code specifying the name of a mode of transport.
Note:	
	1 Vessel 2 Rail 3 Truck 8 Inland water transport 23 Combined Rail/Road 83 Combined Waterway/Road

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		X
	Description: Identification of a carrier by code and/or by name. Code preferred.			
3127	Carrier identifier	C	an..17	X
	Description: To identify a carrier.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3128	Carrier name	C	an..35	X
	Description: Name of a carrier.			
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 code	M	an..3	X
	Description: Code specifying the reason for excess transportation.			
8459	Excess transportation responsibility code	M	an..3	X
	Description: Code specifying the responsibility for excess transportation.			
7130	Customer shipment authorisation identifier	C	an..17	X
	Description: To identify the authorisation to ship issued by the customer.			

C222	TRANSPORT IDENTIFICATION	C		O
	Description: Code and/or name identifying the means of transport.			
8213	Transport means identification name identifier	C	an..9	X
	Description: Identifies the name of the transport means.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
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. Note: Name of vessel			
8453	Transport means nationality code	C	an..3	X
	Description: Code specifying the nationality of a means of transport.			
8281	TRANSPORT MEANS OWNERSHIP INDICATOR CODE	C	an..3	X
	Description: Code indicating the ownership of a means of transport.			

LOC Place/Location Identification

Status: M	Usage: M	Min/Max: 1/1
Group: 9		

up

Description:

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

Note:

United States Imports:
 Carriers require Place of Delivery (LOC+7) in the case of FROB, IE
 (Import for Export), and TE (Transship for Export) cargo through the US.

Example:

LOC+9+DEHAM:::HAMBURG'

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

Description: Code identifying the function of a location.	
Note:	
88	Place of receipt
9	Place/port of loading
11	Place/port of discharge
7	Place of delivery

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: UN location code				
1131	Code list identification code	C	an..17	X
Description: Code identifying 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.				
Note: Location long name				

C519		RELATED LOCATION ONE IDENTIFICATION		C		X
Description: Identification the first related location by code or name.						
3223	First related location name code	C	an..25			X
Description: Code specifying first related location.						
1131	Code list identification code	C	an..17			X
Description: Code identifying a code list.						
3055	Code list responsible agency code	C	an..3			X
Description: Code specifying the agency responsible for a code list.						
3222	First related location name	C	an..70			X
Description: Name of first related location.						
C553		RELATED LOCATION TWO IDENTIFICATION		C		X
Description: Identification of second related location by code or name.						
3233	Second related location name code	C	an..25			X
Description: Code specifying the second related location.						
1131	Code list identification code	C	an..17			X
Description: Code identifying a code list.						
3055	Code list responsible agency code	C	an..3			X
Description: Code specifying the agency responsible for a code list.						
3232	Second related location name	C	an..70			X
Description: Name of the second related location.						
5479	RELATION CODE	C	an..3			X
Description: Code specifying a relation.						

NAD Name and Address

Status: M Usage: M Min/Max: 1/1
Group: 11

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.

Note:

Some Codes are mandatory, others are optional.
Please see NAD-3035_Party_Function_Code_Qualifer for details.

Example:

```
NAD+CN++CONSIGNEE:CONSIGNEE ADDRESS'
RFF+GN:USCC?+0815'
NAD+CZ++SHIPPER:SHIPPER ADDRESS'
RFF+GN:USCC?+4711'
CTA+IC+:SHIPPER CONTACT'
COM+CONTACT NUM:TE'
NAD+OY+BLU123::86'
NAD+BY++BUYER:BUYER ADDRESS'
NAD+SE++SELLER:SELLER ADDRESS'
```

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

Description:
Code giving specific meaning to a party.

Note:

```
CN Consignee (M)
CZ Consignor (M)
BL Electronic OBL Release-to Party
BR      Deprecated, replaced by BL
BY Buyer (Mandatory if FTX:C107:X4441=ENS and FTX:C108:X4440=5)
FW Freight Forwarder (O)
OO Order of the shipper party (O)
N1 Notify party no. 1 (O)
N2 Notify party no. 2 (O)
NI Notify party (O)
OY Ordering customer (M)
FP Freight charges payer: Any payer of freight charges which is not
   mentioned under FW, OY, CZ, CN, N1, N2 . Can occur multiple
   times
PC Actual Purchaser's Customer(nominated account):
   Party the purchaser within the actual message is selling the
   ordered goods or services to
RP Routing party: Party responsible for the selection of the
   carrier(s). Also party having signed the contract or quotation
   which is mentioned under RFF+CT
SE Seller (Mandatory if FTX:C107:X4441=ENS and FTX:C108:X4440=5)
TY Electronic Bill of lading party
```

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: Code identifying a party/address involved in the shipment. The code list may be specified in a bilateral agreement between CUSTOMER and Hapag-Lloyd. (See 3055 Code List Responsible Agency Code) The code is mandatory for party qualifier 'OY' but optional for all other qualifiers.					
1131	Code list identification code	C	an..17	X		
	Description: Code identifying a code list.					
3055	Code list responsible agency code	C	an..3	O		
	Description: Code specifying the agency responsible for a code list.					
	Note: 6 Hapag-Lloyd's internal organisation number 86 Bilateral assignment					
C058		NAME AND ADDRESS		C		O
	Description: Unstructured name and address: one to five lines.					
3124	Name and address description [1..5]	M	an..35	M		
	Description: Free form description of a name and address line.					
	Note: At least one 3124 Name And Adress Description has to be filled. The rest is optional.					

C080		PARTY NAME		C		O
	Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.					
3036	Party name	M	an..35			M
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3036	Party name	C	an..35			X
	Description: Name of a party.					
3036	Party name	C	an..35			X
	Description: Name of a party.					
3036	Party name	C	an..35			X
	Description: Name of a party.					
3045	Party name format code	C	an..3			X
	Description: Code specifying the representation of a party name.					
C059		STREET		C		O
	Description: Street address and/or PO Box number in a structured address: one to four lines.					
3042	Street and number or post office box identifier [1..4]	M	an..35			M
	Description: To identify a street and number and/or Post Office box number.					
3164	CITY NAME	C	an..35			O
	Description: Name of a city.					
C819		COUNTRY SUB-ENTITY DETAILS		C		O
	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: Code specifying the name of a country sub-entity.					
1131	Code list identification code	C	an..17			X
	Description: Code identifying 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 a country sub-entity.					
3251	POSTAL IDENTIFICATION CODE	C	an..17			O

Description: Code specifying the postal zone or address.
--

3207	COUNTRY NAME CODE	C	an..3	O
------	-------------------	---	-------	---

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

CTA Contact Information

Status: M Usage: M Min/Max: 1/1
Group: 12

up

Description:

To identify a person or a department to whom communication should be directed.

Note:

Information Contact for this specific party.

Example:

CTA+IC+:SHIPPER CONTACT'

Tag	Element Name	Status	Type	Usage
3139	CONTACT FUNCTION CODE	C	an..3	O

Description:
Code specifying the function of a contact (e.g. department or person).

Note:
IC Information Contact

C056	DEPARTMENT OR EMPLOYEE DETAILS	C		O
	Description: Code and/or name of a department or employee. Code preferred.			
3413	Department or employee name code	C	an..17	X
	Description: Code specifying the name of a department or employee.			
3412	Department or employee name	C	an..35	O
	Description: Name of a department or employee.			
	Note: Name of employee			

COM Communication Contact

Status: C Usage: O Min/Max: 0/3
Group: 12

up

Description:

To identify a communication number of a department or a person to whom communication should be directed.

Example:

COM+CONTACT NUM:TE'

Tag	Element Name	Status	Type	Usage
C076	COMMUNICATION CONTACT [1..3]	M		M
	<p>Description: Communication number of a department or employee in a specified channel.</p>			
3148	Communication address identifier	M	an..512	M
	<p>Description: To identify a communication address.</p>			
3155	Communication address code qualifier	M	an..3	M
	<p>Description: Code qualifying the communication address.</p> <p>Note:</p> <ul style="list-style-type: none"> - EM Electronic mail - FX Telefax - TE Telephone 			

RFF Reference

Status: M Usage: M Min/Max: 1/1
Group: 15

up

Description:

To specify a reference.

Example:

```
RFF+AHP:TAX-ID-FW'
RFF+GN:USCC?+123456789012345678'
RFF+AVY:DE4711000'
```

Tag	Element Name	Status	Type	Usage
C506	REFERENCE	M		M
	Description: Identification of a reference.			
1153	Reference code qualifier	M	an..3	M
	Description: Code qualifying a reference. Note: - AMV Department number Only allowed when when NAD Qualifier='OY', Recommended for shipments from/to US. - AHP Tax registration number. The registration number by which a company/organization is identified with the tax administration. In Brazil this number is called "CNPJ/CPS", in Colombia "NIT" and in Mexico "Tax-ID". - GN additional tax numbers special format for China is also valid and used (format "USCC+ID(18chars)"). - AVY Economic Operators Registration and Identification (EORI).			
1154	Reference identifier	C	an..70	O
	Description: Identifies a reference. Note: One of the following values is required if 1153=AMV: - NVOCC The order was placed by the NVOCC organisation of the ordering customer. - FORWARDER The order was placed by forwarding organisation of the ordering customer			
1156	Document line identifier	C	an..6	O
	Description: To identify a line of a document.			
4000	Reference version identifier	C	an..35	O
	Description: To identify the version of a reference.			
1060	Revision identifier	C	an..6	X
	Description: To identify a revision.			

CPI Charge Payment Instructions

Status: M Usage: M Min/Max: 1/1
Group: 16

up

Description:

To identify a charge.

Note:

Optional. Charge category code. The segment is used to identify who is paying which charges and whether the charges are prepaid or collect.

Example:

CPI+1++C'

Tag	Element Name	Status	Type	Usage
C229	CHARGE CATEGORY	C		O
	Description: Identification of a category or a zone of charges.			
5237	Charge category code	M	an..3	M
	Description: Code specifying the category of charges. Note: Which charges are to be paid by this party. 1 All Charges 3 Basic freight and all surcharges related to basic freight 4 Basic freight 5 Destination haulage charges incl. any surcharges 7 Destination port charges 8 Miscellaneous Charges 10 Origin port charges 11 Origin haulage charges and surcharges 22 Customs export (Supply of customs formalities, export) 24 Customs import (Supply of customs formalities, import) 21 B/L fees (Supply of non-categorised documentation in paper form)			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
C231	METHOD OF PAYMENT	C		X
	Description: Code identifying the method of payment.			
4215	Transport charges payment method code	M	an..3	X
	Description: Code specifying the payment method for transport charges.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
4237	PAYMENT ARRANGEMENT CODE	C	an..3	O

Description:

Code specifying the arrangements for a payment.

Note:

C - Collect. The charges are to be paid by the responsible party at the arrival of the vessel in the discharge port.
P - Prepaid. The charges are to be prepaid by the responsible party latest prior sailing from the load port.

GID Goods Item Details

Status: M Usage: M Min/Max: 1/1
Group: 18

up

Description:

To indicate totals of a goods item.

Note:

At least one GID segment has to be transmitted.

GID rules: At least the outer package (1st packing level) has to be sent. For hazardous cargo, the inner package (2nd packing level) may also be required. The inner-inner package (3rd packing level) may be provided, if there are multiple hazardous cargoes in the same inner package. 'PALLETS' must not be reported as package type but may be sent within the commodity description or as part of the package description.

In case of different inner- and inner-inner-packages within one outer package, the same GID sequential counter (1496_Goods_Item_Number) has to be used. For the outer package, the first composite C213 has to be used. For the inner package, the first composite C213 will be empty and the second composite C213 will be used.

PLEASE NOTE WITH REGARDS TO DG CARGO:

According to Mexico customs and, as from January 2011, also EU + US customs, the consolidation of several hazardous cargoes of different commodities respectively consolidating hazardous cargoes and non hazardous cargoes in one MTD cargo is not allowed. A manifest showing DG details per cargo is required.

THEREFORE DIFFERENT HAZARDOUS CARGOES OR HAZARDOUS AND NON HAZARDOUS CARGOES MUST NOT BE COMBINED IN THE SAME GROUP 18, not even in the initial booking request.

Example:

```
Outer package without inner package:
GID+1+20:CR:::CRATE'

Outer package with one inner package (2nd packing level):
GID+1+20:CR:::CRATE'
...
GID+1++50:CT:::CARTONS'

Outer package with two inner packages (2nd packing level):
GID+1+20:CR:::CRATE'
...
GID+1++25:CT:::CARTONS'
...
GID+1++25:CT:::CARTONS'

Outer package with inner-inner package (3rd packing level):
GID+1+20:CR:::CRATE'
...
GID+1++25:CT:::CARTONS'
...
GID+1+++8:BT:::BOTTLES'
```

Tag	Element Name	Status	Type	Usage
1496	GOODS ITEM NUMBER	C	n..5	O

Description:
To specify a goods item within a consignment.

Note:
Sequential counter

C213	NUMBER AND TYPE OF PACKAGES [0..5]	C		O
	<p>Description: Number and type of individual parts of a shipment.</p> <p>Note: The first composite represents the outer packing. The second composite represents the inner packing. The third composite (only required for multiple DG cargoes in one inner packing) represents the inner-inner packing.</p>			
7224	Package quantity	C	n..8	O
	<p>Description: To specify the number of packages.</p> <p>Note: Package quantity</p>			
7065	Package type description code	C	an..17	O
	<p>Description: Code specifying the type of package.</p> <p>Note: Code of package - UN package codes should be used.</p>			
1131	Code list identification code	C	an..17	X
	<p>Description: Code identifying a code list.</p>			
3055	Code list responsible agency code	C	an..3	X
	<p>Description: Code specifying the agency responsible for a code list.</p>			
7064	Type of packages	C	an..35	D
	<p>Description: Description of the form in which goods are presented.</p> <p>Note: Package description</p>			
7233	Packaging related description code	C	an..3	X
	<p>Description: Code specifying information related to packaging.</p>			

LOC Place/Location Identification

Status: C Usage: O Min/Max: 0/9
Group: 18

up

Description:

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

Note:

Mapping of G18:LOC was created as a result of ICS2 enhancements for scenarios that contains HBL data

198 PLA (Place of Acceptance)
83 PLD (Place of Delivery)

Example:

LOC+198+AEJEA::6:JEBEL ALI+AE'
LOC+83+DEHAM::6:HAMBURG+DE'

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

Description:
Code identifying the function of a location.

C517	LOCATION IDENTIFICATION	C		O
------	-------------------------	---	--	---

Description:
Identification of a location by code or name.

3225	Location name code	C	an..25	X
------	--------------------	---	--------	---

Description:
Code specifying the name of the location.

1131	Code list identification code	C	an..17	X
------	-------------------------------	---	--------	---

Description:
Code identifying 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	X
------	---------------	---	---------	---

Description:
Name of the location.

C519	RELATED LOCATION ONE IDENTIFICATION	C		X
------	-------------------------------------	---	--	---

Description:
Identification the first related location by code or name.

3223	First related location name code	C	an..25	X
------	----------------------------------	---	--------	---

Description:
Code specifying first related location.

1131	Code list identification code	C	an..17	X
------	-------------------------------	---	--------	---

Description:
Code identifying a code list.

3055	Code list responsible agency code	C	an..3	X
------	-----------------------------------	---	-------	---

Description:
Code specifying the agency responsible for a code list.

3222	First related location name	C	an..70	X
------	-----------------------------	---	--------	---

Description:
Name of first related location.

C553	RELATED LOCATION TWO IDENTIFICATION	C		X
	Description: Identification of second related location by code or name.			
3233	Second related location name code	C	an..25	X
	Description: Code specifying the second related location.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			
3232	Second related location name	C	an..70	X
	Description: Name of the second related location.			
5479	RELATION CODE	C	an..3	X
	Description: Code specifying a relation.			

PIA Additional Product Id

Status: M Usage: M Min/Max: 1/1
Group: 18

up

Description:

To specify additional or substitutional item identification codes.

Example:

PIA+5+123456:HS'

Tag	Element Name	Status	Type	Usage
4347	PRODUCT IDENTIFIER CODE QUALIFIER	M	an..3	M

Description:
Code qualifying the product identifier.

Note:

5 Product identification

C212	ITEM NUMBER IDENTIFICATION [1..5]	M		M
	<p>Description: Goods identification for a specified source.</p> <p>Note:</p> <p>Only one occurrence of PIA-C212 Item Number Identification is expected. In case of Qualifier 'HS' This field must not contain dots '.' and blank spaces ' '. Valid example : 010190 Invalid example: 010.190</p> <p>In case of Qualifier 'CG' Commodity group code is required when the cargo enjoy a dedicated rate within the contract as mentioned in SG3-RFF-1153/CT because of the commodity group. The code to use is provided by HL within the contract. If the code is not sent, then the usual rates of the contract as rated in SG3-RF F-1153/CT are applicable.</p>			
7140	Item identifier	C	an..35	O
	<p>Description: To identify an item.</p>			
7143	Item type identification code	C	an..3	O
	<p>Description: Coded identification of an item type.</p> <p>Note:</p> <p>HS Harmonized system</p> <p>6 character classification codes from the World Customs Organization (WCO) Harmonized System (HS) Schedule.</p> <p>CG Commodity group code</p> <p>Commodity group code. The code stipulated in Hapag Lloyd's contract or quotation for which a specific rate is applicable. CG is required when the cargo enjoys a dedicated rate within the contract as mentioned in SG3-RFF-1153/CT because of the commodity group. If this detail is not sent and also a corresponding free text in SG18-FTX-4451/AED is not sent, then the usual rates of the contract as rated in SG3-RF F-1153/CT are applicable..</p>			
1131	Code list identification code	C	an..17	X
	<p>Description: Code identifying a code list.</p>			
3055	Code list responsible agency code	C	an..3	X
	<p>Description: Code specifying the agency responsible for a code list.</p>			

FTX Free Text

Status: C Usage: O Min/Max: 0/99
Group: 18

up

Description:

To provide free form or coded text information.

Example:

```
FTX+AAA+++MICROWAVE OVENS'
FTX+CCI++MFS+5:US'
FTX+CCI++MFS+1:US:SCAC'
FTX+CUS+++ECICS CODE'
FTX+PRF+MF+EORI MF123'
FTX+CCI++HBL+A:CA-US-NL-DE'
```

Tag	Element Name	Status	Type	Usage
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	M

Description:

Code qualifying the subject of the text.

Note:

AAA Goods description

CCI Customs clearance instructions

CUS Customs Information: ECICS CODE FOR CHEMICAL SUBSTANCE
European Customs Inventory of Chemical Substances is an information tool managed by the European Commission's Directorate General (DG) for Taxation and Customs Union which allows users to:
clearly and easily identify chemicals;
classify them correctly and easily in the Combined Nomenclature;
name them in all EU languages for regulation purposes.

AED Commodity number.
AED is required when the cargo enjoy a dedicated rate within the contract as mentioned in SG3-RFF-1153/CT because of the commodity group.
If this detail is not sent and also not SG18-PIA-7143/CG, then the usual rates of the contract as rated in SG3-RF F-1153/CT are applicable.

PRF Purpose or Function of the additional parties involved in the transaction
Qualifier "PRF": additional supply chain actors can be indicated here in order to demonstrate that the entire supply chain was covered by the economic operators holders of the AEO status.
1. Manufacturer - MF
2. Warehouse keeper - WH
3. Consolidator - CS

HBL House Bill Indicator
It is to be provided in element C107 X4441_Free_Text_Value_Code.
It is mandatory for Method of Payment and Countries Visited.

CCI Method of payment
In the container shipping industry, the Method of Payment on a Bill of Lading refers to how freight charges and other shipping costs are settled. Method of payment for House Bills will be provided along with the House Bill Indicator. Mandatory for ICS2.
The following methods of payment are allowed (in the element C108 X4440_Free_Text_Value):
A Payment in cash
B Payment by credit card
C Payment by cheque
D Other
H Electronic funds transfer
Y Account holder with carrier
Z Not pre-paid

Visited Countries
Second Sub element used for ISO Country code for Visited Countries.
The full list of countries of routing of consignment for house bills may be provided as follows: ISO country code for countries will be provided in the order in which the routing takes place. Input allowed up to 99 countries per HBL, max 2 chars for each country code - captured using UN Country Codes separated with hyphen "-".

4453	FREE TEXT FUNCTION CODE	C	an..3	X
------	-------------------------	---	-------	---

Description:
Code specifying the function of free text.

C107	TEXT REFERENCE	C		X
	Description: Coded reference to a standard text and its source.			
4441	Free text value code	M	an..17	M
	Description: Code specifying free form text. Note: If code 'CCI' is used in element 4451, then the following will be used: MFS Manifest Filer Status			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			

C108	TEXT LITERAL	C		M
	Description: Free text; one to five lines.			
4440	Free text value [1..5]	M	an..512	M
	Description: Free form text. Note: Descripton / Free Text value If 'MFS' (Manifest Filing Status) is used in element C107,4441, then the following applies to C108,4440: 1) C108,4440(1) to indicate: 1 Self 5 Carrier 2) C108,4440(2) to indicate Manifest Filing Country (2 character ISO country code). If Manifest Filing Status is sent, then Manifest Filing Country Code must be provided. 3) C108,4440(3) to indicate Manifest Filer Identification			

3453	LANGUAGE NAME CODE	C	an..3	X
	Description: Code specifying the language name.			
4447	FREE TEXT FORMAT CODE	C	an..3	X
	Description: Code specifying the format of free text.			

NAD Name and Address

Status: M Usage: O Min/Max: 1/1
Group: 19

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.

Note:

United States or Canada Imports:

a. If Filer status (0990FTX) is Carrier (5) for Manifest Filing Country US or CA , then name and address should be provided for the following parties:
OS Original Shipper
UC Ultimate Consignee

b. If Filer status is Self (1), Requestor should not provide name and address for OS and UC parties.

ICS2

If multiple Housebills are requested, EORI of the OS and UC parties should be provided in the G18:G19:NAD:C082:X3039 element.

"TO ORDER" shipments to be marked in NAD+UC.
The "TO ORDER" clause in a Bill of Lading (B/L) serves as an endorsement mechanism that makes the document negotiable. This means the cargo ownership can be transferred by endorsing (signing over) the B/L to another party. In container shipping, a "TO ORDER" B/L is typically issued in the name of a bank or shipper and requires endorsement (by signing the back of the document) to transfer ownership. It is commonly used in trade finance, particularly with Letters of Credit, as it provides security to sellers while allowing buyers to take possession of goods once payment terms are met.

In "To Order" shipments, Actual Notify Party is required. The EORI and Telephone number of the Actual Notify Party (NAD+N1) is also required.

Example:

```
NAD+OS+OS EORI+ORIGINAL SHIPPER NAME+OS ADDRESS:ADDRESS CONTINUED'
NAD+UC+UC EORI+Dummy Ultimate Consignee:444 Street:City:Region:67890:UC'
NAD+UC+++TO ORDER'
```

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

Description:
Code giving specific meaning to a party.

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.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	X
	Description: Code specifying the agency responsible for a code list.			

C058		NAME AND ADDRESS		C		O
	Description: Unstructured name and address: one to five lines.					
3124	Name and address description [1..5]	M	an..35			M
	Description: Free form description of a name and address line.					
C080		PARTY NAME		C		O
	Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.					
3036	Party name	M	an..35			M
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3045	Party name format code	C	an..3			X
	Description: Code specifying the representation of a party name.					
C059		STREET		C		O
	Description: Street address and/or PO Box number in a structured address: one to four lines.					
3042	Street and number or post office box identifier [1..4]	M	an..35			M
	Description: To identify a street and number and/or Post Office box number.					
3164	CITY NAME	C	an..35			X
	Description: Name of a city.					

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: Code specifying the name of a country sub-entity.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying 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 a country sub-entity.			
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.			

MEA Measurements

Status: M Usage: O Min/Max: 1/1
Group: 20

up

Description:

To specify physical measurements, including dimension tolerances, weights and counts.

Note:

Brazil Customs related requirement:
When Port of Discharge or Port of Load (0520LOC) is a Brazilian port, the following units of measurement must be provided: Cargo Gross weight in kilograms, Cargo Gross volume in cubic meters

Example:

```
MEA+WT+AAE+KGM:30000.0'  
MEA+WT+AAL+KGM:20000.0'  
MEA+VOL+AAW+MTQ:40.0'
```

Tag	Element Name	Status	Type	Usage
6311	MEASUREMENT PURPOSE CODE QUALIFIER	M	an..3	M

<p>Description: Code qualifying the purpose of the measurement.</p> <p>Note:</p> <pre>WT Weights VOL Volume AAE Item gross weight AAL Net weight AAW Gross volume</pre>
--

C502	MEASUREMENT DETAILS	C		O
	<p>Description: Identification of measurement type.</p>			
6313	Measured attribute code	C	an..3	O
	<p>Description: Code specifying the attribute measured.</p>			
6321	Measurement significance code	C	an..3	X
	<p>Description: Code specifying the significance of a measurement.</p>			
6155	Non-discrete measurement name code	C	an..17	X
	<p>Description: Code specifying the name of a non-discrete measurement.</p>			
6154	Non-discrete measurement name	C	an..70	X
	<p>Description: Name of a non-discrete measurement.</p>			

C174	VALUE/RANGE	C		O
	<p>Description: Measurement value and relevant minimum and maximum values of the measurement range.</p>			
6411	Measurement unit code	M	an..3	M
	<p>Description: Code specifying the unit of measurement.</p> <p>Note:</p> <p>FTQ Cubic foot MTQ Cubic metre KGM Kilogram LBR Pound</p>			
6314	Measurement value	C	an..18	M
	<p>Description: To specify the value of a measurement.</p> <p>Note:</p> <p>The value should have maximum three decimal places. The decimal point does not count in the total number of characters.</p>			
6162	Range minimum value	C	n..18	X
	<p>Description: To specify the minimum value of a range.</p>			
6152	Range maximum value	C	n..18	X
	<p>Description: To specify the maximum value of a range.</p>			
6432	Significant digits quantity	C	n..2	X
	<p>Description: Count of the number of significant digits.</p>			
7383	SURFACE OR LAYER CODE	C	an..3	X
	<p>Description: Code specifying the surface or layer of an object.</p>			

RFF Reference

Status: M Usage: O Min/Max: 1/1
Group: 22

up

Description:

To specify a reference.

Note:

Customs regulation related remarks:

Brazil Exports:

a. When Port of Load is a Brazilian port, the following should be provided for each commodity:

ABT NCM (Nomenclature Comun do Mercosul) commodity code
ED Export Declaration Type
ADU Customs House Broker Reference (also known as "Export Dispatch Declaration" or "DDE")

b. One of the following three qualifiers should be provided for Export Declaration Type:

RFF+ED:DE - indicates Export Declaration Type = DE.
RFF+ED:DSE - indicates Export Declaration Type = DSE.
RFF+ED:PCI - indicates Export Declaration Type = PCI.

Brazil Imports:

When Port of Discharge is a Brazilian port, the following will be provided for each commodity:

ABT NCM (Nomenclature Comun do Mercosul) commodity code

United States Exports:

When Port of Load (0520LOC) is a US port, Internal Transaction Number (TN) should be provided either at the header or GID (for each commodity).

If TN is provided at the Header level, it should not be provided at the GID level and vice versa.

Requestor should not provide TN when the Port of Load is NOT a US port.

Example:

```
RFF+ON: PURCHASE ORDER NO'
RFF+BH: HOUSE_BL_NUMBER
RFF+AVY: DUMMYEORINUM2-99'
```

Tag	Element Name	Status	Type	Usage
C506	REFERENCE	M		M
	<p>Description: Identification of a reference.</p>			
1153	Reference code qualifier	M	an..3	M

Description:	
Code qualifying a reference.	
Note:	
ABT	Customs declaration number NCM (Nomenclature Comun do Mercosul) code. Must be numeric; can be up to 8 digits, first 4 are mandatory. Must not exceed maximum limit of 140 per commodity.
ABW	Stock keeping unit number SKU number of Commodity.
ADU	Broker reference 1 Used for Customs House Broker Reference Number Used to indicate Brazil's Export Dispatch Declaration (EDD); also known as "DDE". When this is provided, single value should be sent.
AFG	Tariff number
AKG	Vehicle Identification Number (VIN)
BH	Housebill of lading number. Optional if multiple Housebills are requested.
ED	Export Declaration Type When this is provided, single value will be sent.
AVY	EORI code of the party who does additional filing to the filing of the Ocean carrier (Supplementary Declarant or Self-Filer of House BLs). Mandatory in case of Self-Filer or Supplementary Declarant of Buyer and Seller on HB level that will file the information to ICS2/EU customs authority for the Straight BL. Registration Identifier of an Organization at the EU Customs Authority. Supplementary Declarant/Self-filer Code for EU is EORI number.
EO	Deprecated, replaced by AVY
ON	Order number (purchase) Used only if each commodity has a different PO number. Note: If provided here, the PO Number should not appear at the header level (RFF Group 3).
RF	Export reference number Brazil Export Registry Number. When this is provided, single value should be sent.
TN	Used to indicate the unique ITN (Internal Transaction number) as provided by the US AES (Automated Export System). If used here, the ITN Reference number must not appear in header section (RFF Group 3).
XC	Cargo tracking number Nigeria and Canada Export

1154 Reference identifier C an..70 O

Description:	
Identifies a reference.	
Note:	
Reference value When C507,1153 = "ED", supplied values are DE, DSE or PCI	

1156 Document line identifier C an..6 X

Description:	
To identify a line of a document.	

4000 Reference version identifier C an..35 X

Description:	
To identify the version of a reference.	

1060 Revision identifier C an..6 X

Description:	
To identify a revision.	

PCI Package Identification

Status: M	Usage: M	Min/Max: 1/1
Group: 23		

up

Description:

To specify markings and labels on individual packages or physical units.

Note:

Marks and Numbers. Hapag-Lloyd accepts up to 50 Marks & Numbers for every cargo

Example:

PCI++Shipping Marks

Tag	Element Name	Status	Type	Usage
4233	MARKING INSTRUCTIONS CODE	C	an..3	X
Description: Code specifying instructions for marking.				
C210	MARKS & LABELS	C		M
Description: Shipping marks on packages in free text; one to ten lines.				
7102	Shipping marks description [1..10]	M	an..35	O
Description: Free form description of the shipping marks.				
Note: At least one C12-7102 Shipping Marks Description has to be transmitted.				
8275	CONTAINER OR PACKAGE CONTENTS INDICATOR CODE	C	an..3	X
Description: Code indicating the contents of container or package.				
C827	TYPE OF MARKING	C		X
Description: Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).				
7511	Marking type code	M	an..3	X
Description: Code specifying the type of marking.				
1131	Code list identification code	C	an..17	X
Description: Code identifying a code list.				
3055	Code list responsible agency code	C	an..3	X
Description: Code specifying the agency responsible for a code list.				

SGP Split Goods Placement

Status: M Usage: M Min/Max: 1/1
Group: 29

up

Description:

To specify the placement of goods in relation to equipment.

Note:

At least one SGP segment has to be transmitted. It should only be sent for the first package level (outer package).

Example:

SGP+HLXU4152221+5'

Tag	Element Name	Status	Type	Usage
C237	EQUIPMENT IDENTIFICATION	M		M
	Description: Marks (letters/numbers) identifying equipment.			
8260	Equipment identifier	C	an..17	M
	Description: To identify equipment.			
	Note: Container-number or sequential number. Numbers that are transmitted in this data element must also occur in data element 8260 of the EQD segment. Format of container-number: PPPPNNNNNN with PPPP = Prefix N...N = Number			
1131	Code list identification code	C	an..17	X
	Description: Code identifying 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.			
7224	PACKAGE QUANTITY	C	n..8	O
	Description: To specify the number of packages.			
	Note: The amount of packages per container. Only required in case a cargo is splitted into different containers. Summed-up it should be equal to the number of packages in the Group16:GID:C213_Number_And_Type_Of_Packages:X7224_Package_Quantity.			

MEA Measurements

Status: M Usage: O Min/Max: 1/1
Group: 30

up

Description:

To specify physical measurements, including dimension tolerances, weights and counts.

Note:

Sending of at least the gross weight of the split goods items is required when more than one SGP segment follows one GID. In case of DG cargo also the net weight of the split goods items is required.

Example:

MEA+WT+AAE+KGM:1275'

Tag	Element Name	Status	Type	Usage
6311	MEASUREMENT PURPOSE CODE QUALIFIER	M	an..3	M

Description:
Code qualifying the purpose of the measurement.

Note:

WT	Weights	
	VOL	Volume

C502	MEASUREMENT DETAILS	C		O
	Description: Identification of measurement type.			
6313	Measured attribute code	C	an..3	D
	Description: Code specifying the attribute measured.			
	Note:			
	AAE Gross weight			
	AAL Net weight			
	AAW Gross volume			
6321	Measurement significance code	C	an..3	X
	Description: Code specifying the significance of a measurement.			
6155	Non-discrete measurement name code	C	an..17	X
	Description: Code specifying the name of a non-discrete measurement.			
6154	Non-discrete measurement name	C	an..70	X
	Description: Name of a non-discrete measurement.			

C174	VALUE/RANGE	C		M								
6411	Measurement unit code	M	an..3	M								
<p>Description: Measurement value and relevant minimum and maximum values of the measurement range.</p> <p>Description: Code specifying the unit of measurement.</p> <p>Note:</p> <table border="0" data-bbox="312 477 600 595"> <tr> <td>FTQ</td> <td>Cubic foot</td> </tr> <tr> <td>MTQ</td> <td>Cubic metre</td> </tr> <tr> <td>KGM</td> <td>Kilogram</td> </tr> <tr> <td>LBR</td> <td>Pound</td> </tr> </table>					FTQ	Cubic foot	MTQ	Cubic metre	KGM	Kilogram	LBR	Pound
FTQ	Cubic foot											
MTQ	Cubic metre											
KGM	Kilogram											
LBR	Pound											
6314	Measurement value	C	an..18	M								
<p>Description: To specify the value of a measurement.</p> <p>Note:</p> <p>The value should have maximum three decimal places. The decimal point does not count in the total number of characters.</p>												
6162	Range minimum value	C	n..18	X								
<p>Description: To specify the minimum value of a range.</p>												
6152	Range maximum value	C	n..18	X								
<p>Description: To specify the maximum value of a range.</p>												
6432	Significant digits quantity	C	n..2	X								
<p>Description: Count of the number of significant digits.</p>												
7383	SURFACE OR LAYER CODE	C	an..3	X								
<p>Description: Code specifying the surface or layer of an object.</p>												

DGS Dangerous Goods

Status: M Usage: O Min/Max: 1/1
Group: 32

up

Description:

To identify dangerous goods.

Note:

The Dangerous Goods details are checked based on the details received during the booking process.

Dangerous Goods details submitted with the Shipping Instruction are printed on the Bill of Lading for information only.

The Dangerous Goods details apply to the package of the GID in which they appear.

Example:

DGS+IMD+4.2+1384+36.7:CEL+2+F-AS-J'

Tag	Element Name	Status	Type	Usage
8273	DANGEROUS GOODS REGULATIONS CODE	C	an..3	O
<p>Description: Code specifying a dangerous goods regulation.</p> <p>Note: Supplied Values: IMD - IMO IMDG code</p>				
C205	HAZARD CODE	C		O
<p>Description: The identification of the dangerous goods in code.</p>				
8351	Hazard identification code	M	an..7	M
<p>Description: Code identifying a hazard.</p>				
8078	Additional hazard classification identifier	C	an..7	X
<p>Description: To identify an additional hazard classification.</p>				
8092	Hazard code version identifier	C	an..10	X
<p>Description: To identify the version number of a hazard code.</p>				
C234	UNDG INFORMATION	C		O
<p>Description: Information on dangerous goods, taken from the United Nations Dangerous Goods classification.</p>				
7124	United Nations Dangerous Goods (UNDG) identifier	C	n4	O
<p>Description: The unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.</p> <p>Note: UNDG number</p>				
7088	Dangerous goods flashpoint value	C	an..8	X
<p>Description: To specify the value of the flashpoint of dangerous goods.</p>				

C223		DANGEROUS GOODS SHIPMENT FLASHPOINT		C		O
	Description: Temperature at which a vapor can be ignited as per ISO 1523/73.					
7106	Shipment flashpoint value	C	n3			O
	Description: To specify the value of the flashpoint of a shipment. Note: Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.					
6411	Measurement unit code	C	an..3			O
	Description: Code specifying the unit of measurement. Note: Supplied values: CEL = Celsius FAH = Fahrenheit					
8339	PACKAGING DANGER LEVEL CODE	C	an..3			O
	Description: Code specifying the level of danger for which the packaging must cater. Note: Supplied values: 1 Great danger 2 Medium danger 3 Minour danger					
8364	EMERGENCY PROCEDURE FOR SHIPS IDENTIFIER	C	an..6			O
	Description: To identify the emergency procedure number for ships transporting dangerous goods. Synonym: EMS Number. Note: Emergency procedures for ships carrying dangerous goods.					
8410	HAZARD MEDICAL FIRST AID GUIDE IDENTIFIER	C	an..4			X
	Description: To identify a Medical First Aid Guide (MFAG) for hazardous goods.					
8126	TRANSPORT EMERGENCY CARD IDENTIFIER	C	an..10			X
	Description: To identify a transport emergency (TREM) card.					
C235		HAZARD IDENTIFICATION PLACARD DETAILS		C		X
	Description: These numbers appear on the hazard identification placard required on the means of transport.					
8158	Orange hazard placard upper part identifier	C	an..4			X
	Description: To specify the identity number for the upper part of the orange hazard placard required on the means of transport.					
8186	Orange hazard placard lower part identifier	C	an4			X
	Description: To specify the identity number for the lower part of the orange hazard placard required on the means of transport.					

C236	DANGEROUS GOODS LABEL	C		O
	<p>Description: Markings identifying the type of hazardous goods and similar information.</p> <p>Note: If more than one IMO class is valid for the cargo, the additional classes must be sent here.</p>			
8246	Dangerous goods marking identifier [0..3]	C	an..4	O
	<p>Description: To identify the marking of dangerous goods.</p> <p>Note: First occurrence represents the 2nd IMO class, second occurrence represents the 3rd IMO class.</p>			
8255	PACKING INSTRUCTION TYPE CODE	C	an..3	X
	<p>Description: Code specifying a type of packing instruction.</p>			
8325	HAZARDOUS MEANS OF TRANSPORT CATEGORY CODE	C	an..3	X
	<p>Description: Code specifying the category of means of transport for carrying hazardous goods.</p>			
8211	HAZARDOUS CARGO TRANSPORT AUTHORISATION CODE	C	an..3	X
	<p>Description: Code specifying the authorisation for the transportation of hazardous cargo.</p>			

FTX Free Text

Status: C Usage: O Min/Max: 0/99
Group: 32

up

Description:

To provide free form or coded text information.

Example:

FTX+AAD+++PROPER SHIPPING NAME

Tag	Element Name	Status	Type	Usage
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	M
<p>Description: Code qualifying the subject of the text.</p> <p>Note:</p> <p>Supplied values: AAD Dangerous goods, technical name</p>				
4453	FREE TEXT FUNCTION CODE	C	an..3	X
<p>Description: Code specifying the function of free text.</p>				
C107	TEXT REFERENCE	C		X
<p>Description: Coded reference to a standard text and its source.</p>				
4441	Free text value code	M	an..17	M
<p>Description: Code specifying free form text.</p>				
1131	Code list identification code	C	an..17	X
<p>Description: Code identifying a code list.</p>				
3055	Code list responsible agency code	C	an..3	X
<p>Description: Code specifying the agency responsible for a code list.</p>				
C108	TEXT LITERAL	C		O
<p>Description: Free text; one to five lines.</p>				
4440	Free text value [1..5]	M	an..512	M
<p>Description: Free form text.</p>				
3453	LANGUAGE NAME CODE	C	an..3	X
<p>Description: Code specifying the language name.</p>				
4447	FREE TEXT FORMAT CODE	C	an..3	X
<p>Description: Code specifying the format of free text.</p>				

CTA Contact Information

Status: M	Usage: M	Min/Max: 1/1
Group: 33		

up

Description:

To identify a person or a department to whom communication should be directed.

Example:

CTA+HG+:Contact Name'

Tag	Element Name	Status	Type	Usage
3139	CONTACT FUNCTION CODE	C	an..3	O

<p>Description: Code specifying the function of a contact (e.g. department or person).</p> <p>Note:</p> <p>Supplied values: HG = Dangerous goods contact HE = Emergency dangerous goods contact</p>

C056	DEPARTMENT OR EMPLOYEE DETAILS	C		O
	<p>Description: Code and/or name of a department or employee. Code preferred.</p>			
3413	Department or employee name code	C	an..17	X
	<p>Description: Code specifying the name of a department or employee.</p>			
3412	Department or employee name	C	an..35	O
	<p>Description: Name of a department or employee.</p>			

COM Communication Contact

Status: C	Usage: O	Min/Max: 0/9
Group: 33		

up

Description:

To identify a communication number of a department or a person to whom communication should be directed.

Example:

```
COM+27 81 1234567:TE'
```

Tag	Element Name	Status	Type	Usage
C076	COMMUNICATION CONTACT [1..3]	M		M
	<p>Description: Communication number of a department or employee in a specified channel.</p>			
3148	Communication address identifier	M	an..512	M
	<p>Description: To identify a communication address.</p> <p>Note: DG Emergency Contact Phone number.</p>			
3155	Communication address code qualifier	M	an..3	M
	<p>Description: Code qualifying the communication address.</p> <p>Note: Supplied Values: TE = Telephone</p>			

EQD Equipment Details

Status: M Usage: M Min/Max: 1/1
Group: 37

up

Description:

To identify a unit of equipment.

Note:

At least one EQD segment has to be transmitted.

Mandatory content for VGM declaration

Segment/Tag	Element Name	Qualifier/Value	Description
SG37:EQD	Equipment Details		
8053	EQUIPMENT TYPE CODE QUALIFIER	CN	Container
8260	Equipment identifier	#Value	Container Number
SG37:MEA	Measurements		
6311	MEASUREMENT PURPOSE CODE QUALIFIER	AAE	Measurement
6313	Measured attribute code	VGM	Transport equipment verified gross mass (weight)
6411	Measurement unit code	KGM, LBR	Kilograms, Pounds
6314	Measurement value	#Value	Verified Container Gross Weight
SG39:NAD	Name and Address		
3035	PARTY FUNCTION CODE QUALIFIER	SPC	SOLAS packed container responsible party
SG40:CTA	Contact Information		
3139	CONTACT FUNCTION CODE	RP	Authorized responsible person
3412	Department or employee name	#Value	VGM Authorized responsible person name

Example:

Example: Minimal VGM declaration

```
...
EQD+CN+HLXU8532547'
MEA+AAE+VGM+KGM:25000'
NAD+SPC'
CTA+RP+:DAVID DOLLIN'
...
```

Example: VGM declaration including optional information

```
...
EQD+CN+HLXU8532547:146+45GP+2'
MEA+AAE+VGM::17:SM1+KGM:25000'
SEL+ABC1234+SH'
NAD+TB+810403::192++SUBMITTER NAME+STREET AND NUMBER+CITY+NJ+07281+US'
NAD+SPC+123456:87+Logistic AG Hamburg:Ballindamm 518:20095 Hamburg:Germany+Logistic AG
Hamburg+Ballindamm 518+Hamburg++20095+DE'
DTM+798+201511301155+203'
CTA+RP+:DAVID DOLLIN'
COM+DAVID.DOLLIN@HH-LOGISTIC.COM:EM'
COM+004940558978235:TE'
...
```

Example: No VGM declaration

```
...
EQD+CN+HLXU8532547:146+45GP+2'
SEL+ABC1234+SH'
...
```

Tag	Element Name	Status	Type	Usage
8053	EQUIPMENT TYPE CODE QUALIFIER	M	an..3	M

Description:
Code qualifying a type of equipment.
Note:
CN Container
If value of this field is different from "CN" the occurrence of the group is omitted.

C237		EQUIPMENT IDENTIFICATION	C		O
		Description: Marks (letters/numbers) identifying equipment.			
8260	Equipment identifier		C	an..17	O
		Description: To identify equipment. Note: Container-Number or sequential number. The values of the 8260 data elements of segment SGP within segment-group 29 refer to this number. Therefore, when SGP segments are transmitted, this field is mandatory. Format of Container-number: PPPPNNNNNNN with PPPP = Prefix N...N = Number 146 Actual Container Number 230 Logical Container Number			
1131	Code list identification code		C	an..17	O
		Description: Code identifying 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
		Description: Code and or name identifying size and type of equipment. Code preferred.			
8155	Equipment size and type description code		C	an..10	M
		Description: Code specifying the size and type of equipment. Note: Actual ISO container group or size type			
1131	Code list identification code		C	an..17	X
		Description: Code identifying a code list.			
3055	Code list responsible agency code		C	an..3	X
		Description: Code specifying the agency responsible for a code list.			
8154	Equipment size and type description		C	an..35	X
		Description: Free form description of the size and type of equipment.			
8077	EQUIPMENT SUPPLIER CODE		C	an..3	D

<p>Description: Code specifying the party that is the supplier of the equipment.</p> <p>Note:</p> <p>1 Shipper supplied 2 Carrier supplied</p>
--

8249	EQUIPMENT STATUS CODE	C	an..3	X
------	-----------------------	---	-------	---

<p>Description: Code specifying the status of equipment.</p>

8169	FULL OR EMPTY INDICATOR CODE	C	an..3	X
------	------------------------------	---	-------	---

<p>Description: Code indicating whether an object is full or empty.</p>
--

MEA Measurements

Status: C Usage: D Min/Max: 0/9
Group: 37

up

Description:

To specify physical measurements, including dimension tolerances, weights and counts.

Note:

MEA Segment is mandatory, in case of VGM declaration

Example:

MEA+AAE+VGM::17:SM1+KGM:25000'

Tag	Element Name	Status	Type	Usage
6311	MEASUREMENT PURPOSE CODE QUALIFIER	M	an..3	M
<p>Description: Code qualifying the purpose of the measurement.</p> <p>Note: Accepted Value(s): AAE Measurement</p>				

C502	MEASUREMENT DETAILS	C	M
<p>Description: Identification of measurement type.</p>			
6313	Measured attribute code	C	an..3 M
<p>Description: Code specifying the attribute measured.</p> <p>Note: Accepted Value(s): VGM Transport equipment verified gross mass (weight)</p>			
6321	Measurement significance code	C	an..3 M
<p>Description: Code specifying the significance of a measurement.</p>			
6155	Non-discrete measurement name code	C	an..17 O
<p>Description: Code specifying the name of a non-discrete measurement.</p> <p>Note: Accepted Value(s): 17 Positive</p>			
6154	Non-discrete measurement name	C	an..70 O
<p>Description: Name of a non-discrete measurement.</p>			

C174	VALUE/RANGE	C		O
	Description: Measurement value and relevant minimum and maximum values of the measurement range.			
6411	Measurement unit code	M	an..3	M
	Description: Code specifying the unit of measurement. Note: Accepted Value(s): KGM Kilograms LBR Pounds			
6314	Measurement value	C	an..18	M
	Description: To specify the value of a measurement. Note: Verified Container Gross Weight			
6162	Range minimum value	C	n..18	X
	Description: To specify the minimum value of a range.			
6152	Range maximum value	C	n..18	X
	Description: To specify the maximum value of a range.			
6432	Significant digits quantity	C	n..2	X
	Description: Count of the number of significant digits.			
7383	SURFACE OR LAYER CODE	C	an..3	X
	Description: Code specifying the surface or layer of an object.			

SEL Seal Number

Status: C Usage: O Min/Max: 0/99
Group: 37

up

Description:

To specify the seal number or a range of seal numbers.

Example:

SEL+AHL2046368+CA'

Tag	Element Name	Status	Type	Usage
9308	SEAL IDENTIFIER	C	an..35	O
<p>Description: To identify a seal.</p> <p>Note: Seal value</p>				
C215	SEAL ISSUER	C		O
<p>Description: Identification of the issuer of a seal on equipment either by code or by name.</p>				
9303	Sealing party name code	C	an..3	X
<p>Description: Code specifying the name of the sealing party.</p>				
1131	Code list identification code	C	an..17	X
<p>Description: Code identifying a code list.</p>				
3055	Code list responsible agency code	C	an..3	X
<p>Description: Code specifying the agency responsible for a code list.</p>				
9302	Sealing party name	C	an..35	X
<p>Description: Name of the sealing party.</p>				
4517	SEAL CONDITION CODE	C	an..3	X
<p>Description: Code specifying the condition of a seal.</p>				
C208	IDENTITY NUMBER RANGE	C		X
<p>Description: Goods item identification numbers, start and end of consecutively numbered range.</p>				
7402	Object identifier [1..2]	M	an..35	X
<p>Description: Code specifying the unique identity of an object.</p>				

FTX Free Text

Status: C	Usage: O	Min/Max: 0/9
Group: 37		

up

Description:

To provide free form or coded text information.

Example:

```
FTX+VGM++SM1::ZZZ+VGM Certificate:Cradle Sheet'
```

Tag	Element Name	Status	Type	Usage
4451	TEXT SUBJECT CODE QUALIFIER	M	an..3	M
<p>Description: Code qualifying the subject of the text.</p> <p>Note: Accepted Value(s): VGM Verified Gross Mass of packed Containers</p>				
4453	FREE TEXT FUNCTION CODE	C	an..3	X
<p>Description: Code specifying the function of free text.</p>				
C107	TEXT REFERENCE	C		O
<p>Description: Coded reference to a standard text and its source.</p>				
4441	Free text value code	M	an..17	M
<p>Description: Code specifying free form text.</p> <p>Note: Accepted Value(s): SM1 VGM Documentation follows SOLAS Method 1 SM2 VGM Documentation follows SOLAS Method 2</p>				
1131	Code list identification code	C	an..17	X
<p>Description: Code identifying a code list.</p>				
3055	Code list responsible agency code	C	an..3	O
<p>Description: Code specifying the agency responsible for a code list.</p> <p>Note: Accepted Value(s): ZZZ Billateral agreeet</p>				
C108	TEXT LITERAL	C		O
<p>Description: Free text; one to five lines.</p>				
4440	Free text value [1..5]	M	an..512	M
<p>Description: Free form text.</p> <p>Note: 4440[0]: VGM Certificate 4440[1]: Cradle Sheet, in case of SOLAS VGM Methode 1</p>				
3453	LANGUAGE NAME CODE	C	an..3	X

	Description: Code specifying the language name.			
4447	FREE TEXT FORMAT CODE	C	an..3	X
	Description: Code specifying the format of free text.			

RFF Reference

Status: C Usage: O Min/Max: 0/9
Group: 37

up

Description:

To specify a reference.

Note:

Reference to specify container related documents

Example:

RFF+BN:15867758'

Tag	Element Name	Status	Type	Usage
C506	REFERENCE		M	M
	Description: Identification of a reference.			
1153	Reference code qualifier		M an..3	M
	Description: Code qualifying a reference.			
	Note:			
	Accepted Value(s):			
	BN Container related booking number			
1154	Reference identifier		C an..70	O
	Description: Identifies a reference.			
	Note:			
	HAPAG-LLOYD booking number			
1156	Document line identifier		C an..6	X
	Description: To identify a line of a document.			
4000	Reference version identifier		C an..35	X
	Description: To identify the version of a reference.			
1060	Revision identifier		C an..6	X
	Description: To identify a revision.			

NAD Name and Address

Status: M Usage: M Min/Max: 1/1
Group: 39

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.

Note:

NAD+SPC' Segment is mandatory, in case of VGM declaration

Example:

NAD+SPC+123456:87+Logistic AG Hamburg:Ballindamm 518:20095 Hamburg:Germany+Logistic AG Hamburg+Ballindamm 518+Hamburg++20095+DE'

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

Description:
Code giving specific meaning to a party.

Note:
Accepted Value(s):
SPC SOLAS packed container responsible party
TB Submitter

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.			
1131	Code list identification code	C	an..17	X
	Description: Code identifying a code list.			
3055	Code list responsible agency code	C	an..3	M
	Description: Code specifying the agency responsible for a code list.			
	Note: Accepted Value(s): 86 Assigned by party originating the message 87 Assigned by carrier			

C058	NAME AND ADDRESS	C		O
	Description: Unstructured name and address: one to five lines.			
3124	Name and address description [1..5]	M	an..35	M
	Description: Free form description of a name and address line.			

C080		PARTY NAME		C		O
	Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.					
3036	Party name	M	an..35			M
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3036	Party name	C	an..35			O
	Description: Name of a party.					
3045	Party name format code	C	an..3			X
	Description: Code specifying the representation of a party name.					
C059		STREET		C		O
	Description: Street address and/or PO Box number in a structured address: one to four lines.					
3042	Street and number or post office box identifier [1..4]	M	an..35			M
	Description: To identify a street and number and/or Post Office box number.					
3164	CITY NAME	C	an..35			O
	Description: Name of a city.					
C819		COUNTRY SUB-ENTITY DETAILS		C		O
	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: Code specifying the name of a country sub-entity.					
1131	Code list identification code	C	an..17			X
	Description: Code identifying 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 a country sub-entity.					
3251	POSTAL IDENTIFICATION CODE	C	an..17			O

Description:
Code specifying the postal zone or address.

3207 COUNTRY NAME CODE C an..3 O

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

DTM Date/Time/Period

Status: C Usage: O Min/Max: 0/1
Group: 39

up

Description:

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

Example:

DTM+798:201511301155:203'

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 or time or period function code qualifier		M an..3	M
	Description: Code qualifying the function of a date, time or period. Note: Accepted Value(s): 798 VGM determination date			
2380	Date or time or 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. Note: Date and Time VGM was determined			
2379	Date or time or period format code		C an..3	O
	Description: Code specifying the representation of a date, time or period. Note: Accepted Value(s): 203 CCYYMMDDHHMM			

CTA Contact Information

Status: M Usage: D Min/Max: 1/1
Group: 40

up

Description:

To identify a person or a department to whom communication should be directed.

Note:

CTA+RP+...' Segment is mandatory, in case of VGM declaration

Example:

CTA+RP+:DAVID DOLLIN'

Tag	Element Name	Status	Type	Usage
3139	CONTACT FUNCTION CODE	C	an..3	O

Description:
Code specifying the function of a contact (e.g. department or person).

Note:

Accepted Value(s):
RP Authorized responsible person

C056	DEPARTMENT OR EMPLOYEE DETAILS	C		O
	Description: Code and/or name of a department or employee. Code preferred.			
3413	Department or employee name code	C	an..17	X
	Description: Code specifying the name of a department or employee.			
3412	Department or employee name	C	an..35	O
	Description: Name of a department or employee.			
	Note: VGM Authorized responsible person name			

COM Communication Contact

Status: C	Usage: O	Min/Max: 0/9
Group: 40		

up

Description:

To identify a communication number of a department or a person to whom communication should be directed.

Example:

COM+DAVID.DOLLIN@HH-LOGISTIC.COM:EM'

Tag	Element Name	Status	Type	Usage
C076	COMMUNICATION CONTACT [1..3]	M		M
	Description: Communication number of a department or employee in a specified channel.			
3148	Communication address identifier	M	an..512	M
	Description: To identify a communication address.			
3155	Communication address code qualifier	M	an..3	M
	Description: Code qualifying the communication address.			
	Note: Accepted Value(s): EM Electronic mail FX Telefax TE Telephone			

UNT Message Trailer

Status: M Usage: M Min/Max: 1/1
Group: 43

up

Description:

To end and check the completeness of a message.

Example:

UNT+95+1'

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

UNZ Interchange Trailer

Status: M Usage: M Min/Max: 1/1
Group: 43

up

Description:

To end and check the completeness of an interchange.

Example:

UNZ+1+468776'

Tag	Element Name	Status	Type	Usage
0036	INTERCHANGE CONTROL COUNT	M	n..6	X
	<p>Description: The number of messages and packages in an interchange or, if used, the number of groups in an interchange.</p>			
0020	INTERCHANGE CONTROL REFERENCE	M	an..14	X
	<p>Description: Unique reference assigned by the sender to an interchange.</p>			

Examples

Mandatory content for VGM declaration

Segment/Tag	Element Name	Qualifier/Value	Description
SG37:EQD	Equipment Details		
8053	EQUIPMENT TYPE CODE QUALIFIER	CN	Container
8260	Equipment identifier	#Value	Container Number
SG37:MEA	Measurements		
6311	MEASUREMENT PURPOSE CODE QUALIFIER	AAE	Measurement
6313	Measured attribute code	VGM	Transport equipment veri (weight)
6411	Measurement unit code	KGM, LBR	Kilograms, Pounds
6314	Measurement value	#Value	Verified Container Gross
SG39:NAD	Name and Address		
3035	PARTY FUNCTION CODE QUALIFIER	SPC	SOLAS packed container
SG40:CTA	Contact Information		
3139	CONTACT FUNCTION CODE	RP	Authorized responsible p
3412	Department or employee name	#Value	VGM Authorized respons

Example: Minimal VGM declaration

```

...
RFF+BN:12587412'
...
EQD+CN+HLXU8532547'
MEA+AAE+VGM+KGM:25000'
NAD+SPC'
CTA+RP+:DAVID DOLLIN'
...
    
```

Example: VGM declaration including optional information

```

...
RFF+BN:12587412'
RFF+SI:12354'
...
EQD+CN+HLXU8532547:146+45GP+2'
MEA+AAE+VGM::17:SM1+KGM:25000'
SEL+ABC1234+SH'
RFF+BN:12587455'
NAD+TB+810403::192++SUBMITTER NAME+STREET AND NUMBER+CITY+NJ+07281+US' NAD+SPC
AG Hamburg:Ballindamm 518:20095 Hamburg:Germany+Logistic AG Hamburg+Ballindamm 518+Hambur
DTM+798:201511301155:203'
CTA+RP+:DAVID DOLLIN'
COM+DAVID.DOLLIN@HH-LOGISTIC.COM:EM'
COM+004940558978235:TE'
...
    
```

Example: No VGM declaration

```

...
EQD+CN+HLXU8532547:146+45GP+2'
SEL+ABC1234+SH'
...
    
```

Carrier Declaration Straight BL:

```

UNB+UNOC:3+SENDER:ZZZ+RECEIVER:ZZZ+240620:1117+0'
UNH+000000001+IFTMIN:D:00B:UN'
BGM+340+123456789012345+9'
CTA+IC+:John Doe'
COM+123 456 7890:TE'
COM+john.doe@example.com:EM'
FTX+PRF+MF+EORI MF123'
FTX+PRF+WH+EORI WH123'
FTX+PRF+CS+EORI CS123'
FTX+AAE+++UCR DUMMY REF'
FTX+AAI+++Freight Collect; '
FTX+AAI+++SO# 12345678; '
FTX+AAI+++PLEASE ISSUE SWB, '
FTX+AAI+++D/N(INCL ENS) & TAX INVOICE BILL TO DUMMY COMPANY LTD.BRANCH by SCHE 198 ,LOCAL CHARGE PA
FTX+AAI+++CONTRACT NO& Name Account?: 12345678 / DUMMYACCT001; '
FTX+AAI+++BL&DN pls sent back to john.doe@example.com; '
FTX+CCI++ENS+5'
DOC+710+:26++3+3'
RFF+CT:12345678 / DUMMYACCT001'
RFF+FF:12345678901234'
RFF+BN:12345678'
CPI+4++C'
TDT+20+123W+1+++++1234567:::DUMMY SHIP:HK'
LOC+9+DUMMYPORT1:::Dummy Location 1'
DTM+133:202401010000:203'
LOC+11+DUMMYPORT2:::Dummy Location 2'
DTM+132:202401020000:203'
NAD+SE+SE1234:160:86+SE Dummy Company Ltd.:Address Line 1:City:123456:Country'
CTA+IC+:John Doe'
COM+123 456 7890:TE'
COM+john.doe@example.com:EM'
RFF+AVY:EORI SE123'
NAD+BU+BU1234:160:86+BU Dummy Company Ltd.:Address Line 2:City:123456:Country'
CTA+IC+:Jane Smith'
COM+?+123-456-7890:TE'
COM+jane.smith@example.com:EM'
RFF+AVY:EORI BU123'
NAD+CN+CN1234:160:86+CN Dummy Company Ltd.:Address Line 3:City:123456:Country'
CTA+IC+:Michael Johnson'
COM+?+123-456-7890:TE'
COM+michael.johnson@example.com:EM'
RFF+AVY:EORI CN123'
NAD+FW+FW1234:160:86+FW Dummy Company Ltd.:Address Line 4:City:123456:Country'
CTA+IC+:John Doe'
COM+123 456 7890:TE'
COM+john.doe@example.com:EM'
NAD+NI+NI1234:160:86+NI Dummy Company Ltd.:Address Line 5:City:123456:Country'
CTA+IC+:Michael Johnson'
COM+?+123-456-7890:TE'
RFF+GN:JIB1234567890'
GID+1+41:CR:::Crates'
FTX+AAA+++41 CRATES OF DUMMY PRODUCT'
FTX+AAA+++H.S. Code?:123456'
FTX+CUS+++DE123456789012345'
MEA+WT+AAE+KGM:12345.000'
MEA+VOL+AAW+MTQ:123.000'
PCI++DUMMY BRAND'
PCI++DUMMY-CODE'
PCI++C/NO. ?'
SGP+DUMMYCONTAINER1+41'
EQD+CN+DUMMYCONTAINER1:146+45GP+2'
SEL+DUMMYSEAL1+CA'
UNT+55+000000001'
UNZ+1+0'

```

Pure Carrier Filling (incl. BU, SE) HBL - GID with 4 inner packaging:

```

UNB+UNOC:3+DUMMY1:ZZZ+DUMMY2:ZZZ+999999:9999+1'
UNH+1+IFTMIN:D:00B:UN'
BGM+340+123456789012345678+9'
CTA+IC+:John Doe'
COM+12 345 6789012:TE'
COM+john.doe@example.com:EM'
FTX+AAE+++UCR DUMMY REF'
FTX+AAI+++Freight Prepaid; '
FTX+AAI+++SO# 12345678; '
FTX+AAI+++BL&DN pls sent back to john.doe@example.com; '
FTX+CCI++ENS+5'
DOC+710+:123++3+3'
RFF+CT:12345678 / DUMMY001'

```

```
RFF+FF:12345678901234'  
RFF+BN:12345678'  
CPI+4++C'  
TDT+20+1234W+1+++++9876543:::DUMMY SHIP:ZZ'  
LOC+9+ZZZ01:::Dummy Port'  
DTM+133:202401010000:203'  
LOC+11+ZZZ02:::Dummy Destination'  
DTM+132:202401020000:203'  
NAD+CN+ZZ1000:160:86+CN Dummy Company Ltd.:Address Line 2:City:123456:Country'  
CTA+IC+:Jane Smith'  
COM+?+987-654-3210:TE'  
COM+jane.smith@example.com:EM'  
RFF+AVY:EORI CN123'  
NAD+CZ+ZZ2000:160:86+CZ Dummy Company Ltd.:Address Line 2:City:123456:Country'  
CTA+IC+:Alan Smithee'  
COM+?+876-543-2109:TE'  
COM+alan.smithee@example.com:EM'  
RFF+AVY:EORI CZ123'  
NAD+FW+CN98765:160:86+FW Dummy Company Ltd.:Address Line 2:City:123456:Country'  
CTA+IC+:Dummy Forwarder Contact'  
COM+86 123 4567890:TE'  
COM+dummy.forwarder@example.com:EM'  
RFF+AVY:EORI FW123'  
NAD+N1+BA54321:160:86+N1 Dummy Company Ltd.:Address Line 2:City:123456:Country'  
CTA+IC+:Dummy Consignee Contact'  
COM+?+123-456-7890:TE'  
RFF+AVY:EORI N1123'  
GID+1+37:PX:::6:PALLETS'  
FTX+PRF+MF+EORI MF_DUMMY'  
FTX+PRF+WH+EORI WH_DUMMY'  
FTX+PRF+CS+EORI CS_DUMMY'  
FTX+CUS+++DE123456789013333'  
FTX+AAA+++41 CRATES OF AUTOMOTIVE SAFETY GLASS'  
FTX+AAA+++H.S. Code?:700721'  
NAD+BU+BU EORI123+Buyer D.O.O.:Ul. Boce broj 13:71240 Hadzici:Buyer Country'  
NAD+SE+SE EORI123+Seller Ul. Boce broj 13:71240 Hadzici:Seller Country'  
NAD+OS+OS EORI123+OShipper D.O.O.:Ul. Boce broj 13:71240 Hadzici:Oshipper Country'  
NAD+UC+UC EORI123+UltimateC D.O.O.:Ul. Boce broj 13:71240 Hadzici:UltimateC Country'  
MEA+AAE+WT+KGM:16457.63'  
PCI++120053009'  
SGP+UETU5808903+37'  
MEA+AAE+WT+KGM:16457.63'  
GID+1++6:1A:::6:STEEL DRUM UN 1A1'  
PIA+5+390950:HS'  
FTX+AAA+++CARGO WT.?: 1188.000 KGS'  
FTX+AAA+++CONIPUR 70,'FTX+AAA+++ COLOURLESS'  
FTX+AAA+++HS-CODE?: 390950'  
FTX+AAA+++UN 1866, RESIN SOLUTION'  
FTX+AAA+++ (SOLVENT NAPHTHA'  
FTX+AAA+++ (PETROLEUM ) LIGHT AROM.),'  
FTX+AAA+++3, III, (?+45.00 C C.C.),'  
FTX+AAA+++MARINE POLLUTANT'  
GID+1++325:BJ:::6:BUCKET'  
PIA+5+390950:HS'  
FTX+AAA+++CARGO WT.?: 7507.500 KGS'  
FTX+AAA+++CONIPUR 2400 P.A. OXYDRED'  
FTX+AAA+++HS-CODE?: 390950'  
GID+1++325:BJ:::6:BUCKET'  
PIA+5+390950:HS'  
FTX+AAA+++CARGO WT.?: 1481.680 KGS'  
FTX+AAA+++CONIPUR 2400 P.B.'  
FTX+AAA+++HS-CODE?: 390950'  
SGP+BEAU4391045+41'  
EQD+CN+BEAU4391045:146+45GP+2'  
SEL+HLG9989733+CA'  
UNT+230+1'  
UNZ+1+21969589'
```