

IFTMCS

Bill of Lading (Ocean)

Version 1.4

IFTMCS Bill of Lading (Ocean)

Purpose

- This EDI Message Implementation Guide has been developed by Maersk to assist interested EDI partners in developing and implementing the IFTMCS/D99B bill of lading message.
- This user manual is based on the EDIFACT D99B directory.
- EDI partners are recommended to review all narrative sections of this document in conjunction with the message maps.

Release Control

The version level and release date of this document are contained in the control table below. All changes to this document will be noted in this section.

Version	Comment	Date
1.0	First Release	30 th Nov 2015
1.1	Update BGM_01_01 to exclude document name code "706" and "712" Update BGM_03 to exclude message function code "5" and "1" Update (Header) DTM_01_01 to include qualifier "95" Update (Header) DTM_01_03 to exclude qualifier "102" Update TSR_01_01 and TSR_01_04 to include qualifier "2" and "3" Change qualifier "2" to "4" in (Header) CUX_01_01 Update to exclude (Header) CUX_01_03 and CUX_03 Update to declare the default setup and customer preference on location function code qualifier in SG1/SG9 LOC_01_01 Update to declare the default setup and customer preference on qualifier in SG3 RFF_01_01 Update to declare the default setup and customer preference on Charge Calculation Information(TCC-CUX-PRI-MOA-QTY) in SG7 summary level or SG29/SG36 detail level Update to declare the default setup and customer preference on charge qualifier in SG7/SG29/SG36 TCC_01_01 Update to include DTM in SG8 Update to exclude qualifier "7", "88" and "91" from SG9 LOC_01_01 Update to include "KGM", "LBS", "MTQ" and "FTQ" in MEA_03_01 in SG20/SG28/SG35 Update to include "CEL" and "FAH" in SG30 DGS_04_02 Update to include SG35 EQD_03_02 Update to declare the default setup and customer preference on container ISO code in SG35 EQD_03_01 Update to include sample of IFTMCS with charge calculation information in summary level	08 th Aug 2016
1.2	Update SG11 to declare the usage of qualifier NI, N1 and N2	16 th Mar 2017

1.3	Update TSR to support CFS service	21 st Jun 2017
1.4	Update below items 1. change MCCQ to MCPU 2. change MCC Transport to Sealand Maersk Asia Pte. Ltd. 3. change SeaLand to Sealand Americas 4. change Seago Line to Sealand Europe	22 nd Jun 2021

IFTMCS

Instruction contract status message

Message Status=3

Definition: A message from the party providing the transport/forwarding services to the party that issued the instructions for those services stating the actual details, terms and conditions (charges when applicable) of the service and of the consignment involved. In addition, it can be used for the exchange of contract information between carriers mutually.

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
	UNB	INTERCHANGE HEADER	M	1		M
0010	UNH	MESSAGE HEADER	M	1	N0/0010	M
0020	BGM	BEGINNING OF MESSAGE	M	1	N0/0020	M
0050	DTM	DATE/TIME/PERIOD	C	9	N0/0050	O
0060	TSR	TRANSPORT SERVICE REQUIREMENTS	C	9	N0/0060	O
0070	CUX	CURRENCIES	C	9	N0/0070	O
0120		Segment Group 1	C	99	N0/0120	O
0130	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N0/0130	M
0180		Segment Group 3	C	99	N0/0180	O
0190	RFF	REFERENCE	M	1	N0/0190	M
0300		Segment Group 6	C	9	N0/0300	O
0310	CPI	CHARGE PAYMENT INSTRUCTIONS	M	1	N0/0310	M
0360		Segment Group 7	C	99	N0/0360	O
0370	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	N0/0370	M
0400	CUX	CURRENCIES	C	1	N0/0400	O
0410	PRI	PRICE DETAILS	C	1	N0/0410	O
0440	MOA	MONETARY AMOUNT	C	9	N0/0440	O
0450	QTY	QUANTITY	C	9	N0/0450	O
0460		Segment Group 8	C	99	N0/0460	O
0470	TDT	DETAILS OF TRANSPORT	M	1	N0/0470	M
0480	DTM	DATE/TIME/PERIOD	C	9	N0/0480	O
0500		Segment Group 9	C	99	N0/0500	O
0510	LOC	PLACE/LOCATION IDENTIFICATION	M	1	N0/0510	M
0520	DTM	DATE/TIME/PERIOD	C	9	N0/0520	O
0560		Segment Group 11	C	99	N0/0560	O
0570	NAD	NAME AND ADDRESS	M	1	N0/0570	M
0890		Segment Group 18	C	999	N0/0890	O
0900	GID	GOODS ITEM DETAILS	M	1	N0/0900	M
0920	TMP	TEMPERATURE	C	1	N0/0920	O
0940	TMD	TRANSPORT MOVEMENT DETAILS	C	1	N0/0940	O
0980	FTX	FREE TEXT	C	9	N0/0980	O
1040		Segment Group 20	C	99	N0/1040	O
1050	MEA	MEASUREMENTS	M	1	N0/1050	M

1100		Segment Group 22	C	9	N0/1100	O
1110	RFF	REFERENCE	M	1	N0/1110	M
1130		Segment Group 23	C	9	N0/1130	O
1140	PCI	PACKAGE IDENTIFICATION	M	1	N0/1140	M
1260		Segment Group 27	C	999	N0/1260	O
1270	SGP	SPLIT GOODS PLACEMENT	M	1	N0/1270	M
1290		Segment Group 28	C	9	N0/1290	O
1300	MEA	MEASUREMENTS	M	1	N0/1300	M
1320		Segment Group 29	C	99	N0/1320	O
1330	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	N0/1330	M
1340	CUX	CURRENCIES	C	1	N0/1340	O
1350	PRI	PRICE DETAILS	C	1	N0/1350	O
1380	MOA	MONETARY AMOUNT	C	9	N0/1380	O
1390	QTY	QUANTITY	C	9	N0/1390	O
1410		Segment Group 30	C	99	N0/1410	O
1420	DGS	DANGEROUS GOODS	M	1	N0/1420	M
1440		Segment Group 31	C	9	N0/1440	O
1450	CTA	CONTACT INFORMATION	M	1	N0/1450	M
1460	COM	COMMUNICATION CONTACT	C	9	N0/1460	O
1550		Segment Group 35	C	999	N0/1550	O
1560	EQD	EQUIPMENT DETAILS	M	1	N0/1560	M
1590	MEA	MEASUREMENTS	C	9	N0/1590	O
1610	SEL	SEAL NUMBER	C	99	N0/1610	O
1670		Segment Group 36	C	99	N0/1670	O
1680	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	N0/1680	M
1690	CUX	CURRENCIES	C	1	N0/1690	O
1700	PRI	PRICE DETAILS	C	1	N0/1700	O
1730	MOA	MONETARY AMOUNT	C	9	N0/1730	O
1740	QTY	QUANTITY	C	9	N0/1740	O
1870	UNT	MESSAGE TRAILER	M	1	N0/1870	M
	UNZ	INTERCHANGE TRAILER	M	1		M

UNB INTERCHANGE HEADER

Pos:	Max: 1
Group:	Mandatory
N/A	Elements: 5

User Option (Usage): M

Function: To start, identify and specify an interchange.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNB010	S001	SYNTAX IDENTIFIER	M	Comp		M
Description: Identification of the agency controlling the syntax and indication of syntax level.						
UNB010-010	0001	Syntax identifier	M	a	4/4	M
Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange.						
		Code	Name			
		UNOA	UN/ECE level A			
Description: As defined in the basic code table of ISO 646 with the exceptions of lower case letters, alternative graphic character allocations and national or application-oriented graphic character allocations.						
UNB010-020	0002	Syntax version number	M	n	1/1	M
Description: Version number of the syntax identified in the syntax identifier (0001).						
		Code	Name			
		1	Version 1			
Description: ISO 9735:1988.						
UNB020	S002	INTERCHANGE SENDER	M	Comp		M
Description: Identification of the sender of the interchange.						
UNB020-010	0004	Sender identification	M	an	1/35	M
Description: Name or coded representation of the sender of a data interchange.						
		Code	Name			
		MAEU	Maersk Line			
		MCPU	Sealand Maersk Asia Pte. Ltd.			
		SEAU	Sealand Americas			
		SEJJ	Sealand Europe			
UNB020-020	0007	Partner identification code qualifier	C	an	1/4	O
Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.						
Carrier Usage: ZZ						
		Code	Name			
		ZZZ	Mutually defined			
Description: Mutually defined between trading partners.						
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp		M



		Description: Identification of the recipient of the interchange.				
UNB030-010	0010	Recipient identification	M	an	1/35	M
		Description: Name or coded representation of the recipient of a data interchange.				
		Carrier Usage: Trading Partner ID				
UNB030-020	0007	Partner identification code qualifier	C	an	1/4	O
		Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.				
		Code	Name			
		ZZZ	Mutually defined			
		Description: Mutually defined between trading partners.				
UNB040	S004	DATE/TIME OF PREPARATION	M	Comp		M
		Description: Date/time of preparation of the interchange.				
UNB040-010	0017	Date of preparation	M	n	6/6	M
		Description: Local date when an interchange or a functional group was prepared.				
		Carrier Usage: The format is YYMMDD.				
UNB040-020	0019	Time of preparation	M	n	4/4	M
		Description: Local time of day when an interchange or a functional group was prepared.				
		Carrier Usage: The format is MMHH.				
UNB050	0020	Interchange control reference	M	an	1/14	M
		Description: Unique reference assigned by the sender to an interchange.				
		Carrier Usage: The Reference Number				
		This number is the same number as the Transmit Cntl No in EDIFACT				

Sample:

UNB+UNOA:1+MAEU+PARTNER+150421:0229+11298'

UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): M

Function: To head, identify and specify a message.

Notes:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	Message reference number	M	an	1/14	M
Description: Unique message reference assigned by the sender.						
Carrier Usage: Senders Reference Number						
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		M
Description: Identification of the type, version, etc. of the message being interchanged.						
UNH020-010	0065	Message type	M	an	1/6	M
Description: Code identifying a type of message and assigned by its controlling agency.						
		<u>Code</u>	<u>Name</u>			
		IFTMCS	Instruction contract status message			
Description: A code to identify the instruction contract status message.						
UNH020-020	0052	Message version number	M	an	1/3	M
Description: Version number of a message type.						
		<u>Code</u>	<u>Name</u>			
		D	Draft version/UN/EDIFACT Directory			
Description: Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).						
UNH020-030	0054	Message release number	M	an	1/3	M
Description: Release number within the current message version number.						
		<u>Code</u>	<u>Name</u>			
		99B	Release 1999 - B			
Description: Message approved and issued in the second 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).						
UNH020-040	0051	Controlling agency, coded	M	an	1/3	M
Description: Code identifying a controlling agency.						

Code
UN

Name
UN/CEFACT

Description: United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

Sample:

UNH+1129800001+IFTMCS:D:99B:UN'

BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): M

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	DOCUMENT/MESSAGE NAME	C	Comp		O
		Description: Identification of a type of document/message by code or name. Code preferred.				
BGM010-010	1001	Document name code	C	an	1/3	O
		Description: Code specifying the document name.				
		<u>Code</u>		<u>Name</u>		
		700		Waybill		
		Description: Non-negotiable document evidencing the contract for the transport of cargo.				
		705		Bill of lading		
		Description: Negotiable document/message which evidences a contract of carriage by sea and the taking over or loading of goods by carrier, and by which carrier undertakes to deliver goods against surrender of the document. A provision in the document that goods are to be delivered to the order of a named person, or to order, or to bearer, constitutes such an undertaking.				
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		O
		Description: Identification of a document/message by its number and eventually its version or revision.				
BGM020-010	1004	Document/message number	C	an	1/35	O
		Description: Reference number assigned to the document/message by the issuer.				
BGM030	1225	Message function code	C	an	1/3	O
		Description: Code indicating the function of the message.				
		<u>Code</u>		<u>Name</u>		
		9		Original		
		Description: Initial transmission related to a given transaction.				

Sample:

BGM+700+MAEU554596116+9'

DTM DATE/TIME/PERIOD

Pos: 0050	Max: 9
Conditional	
Group: N/A	Elements: 1

User Option (Usage): O

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		M
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date/time/period function code qualifier	M	an	1/3	M
Description: Code giving specific meaning to a date, time or period.						
		<u>Code</u>	<u>Name</u>			
		95	Bill of lading date			
Description: Date as specified on the bill of lading.						
		137	Document/message date/time			
Description: (2006) Date/time when a document/message is issued. This may include authentication.						
		342	On-board date			
Description: The date goods have been loaded on board of a conveyance.						
DTM010-020	2380	Date/time/period value	C	an	1/35	O
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
Carrier Usage: The Actual Date of the message						
DTM010-030	2379	Date/time/period format code	C	an	1/3	O
Description: Code specifying the representation of a date, time or period.						
		<u>Code</u>	<u>Name</u>			
		101	YYMMDD			
Description: Calendar date: Y = Year; M = Month; D = Day.						

Sample:

DTM+137:150421:101'

TSR TRANSPORT SERVICE REQUIREMENTS

Pos: 0060	Max: 9
Group: N/A	Conditional
	Elements: 2

User Option (Usage): 0

Function: To specify the contract and carriage conditions and service and priority requirements for the transport.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TSR010	C536	CONTRACT AND CARRIAGE CONDITION	C	Comp		O

Description: To identify a contract and carriage condition.

TSR010-010	4065	Contract and carriage condition code	M	an	1/3	M
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Description: Code to identify the conditions of contract and carriage.

Code

Name

4

Combined transport

Description: A transport which involves more than one mode of transportation.

Carrier Usage:

CFS/CFS: Container Freight Station to Container Freight Station.

27

Door-to-door

Description: The carrier is responsible for the intermodal carriage of cargo including both the pre-carriage and the on-carriage.

28

Door-to-pier

Description: The carrier is responsible for the intermodal carriage of cargo including the pre-carriage, but excluding the on-carriage.

Carrier Usage:

SD/CY: TSR+28'

SD/CFS: TSR+28+13'

If container is required to be delivered by carrier to Container Freight Station at destination, service requirement code (TSR C233 7273) "13" is required to be sent as an additional component to the basic contract.

29

Pier-to-door

Description: The carrier is responsible for the intermodal carriage of cargo including the on-carriage, but excluding the pre-carriage.

Carrier Usage:

CY/SD: TSR+29'

CFS/SD: TSR+29+1'

If container is required to be picked up by carrier at Container Freight Station at the origin, service requirement code (TSR C233 7273) "1" is required to be sent as an additional component to the basic contract.

30

Pier-to-pier

Description: The carrier of intermodal cargo is only responsible for the main carriage.

Carrier Usage:



MAERSK

CY/CY: TSR+30'

CY/CFS: TSR+30+13'

If container is required to be delivered by carrier to Container Freight Station at destination, service requirement code (TSR C233 7273) "13" is required to be sent as an additional component to the basic contract.

CFS/CY: TSR+30+1'

If container is required to be picked up by carrier at Container Freight Station at the origin, service requirement code (TSR C233 7273) "1" is required to be sent as an additional component to the basic contract.

TSR020	C233	SERVICE	C	Comp	O
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Description: To identify a service (which may constitute an additional component to a basic contract).

TSR020-010	7273	Service requirement code	M	an	1/3	M
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Description: Code specifying a service requirement.

Code**Name**

1

Carrier loads

Description: The cargo is loaded in the equipment by the carrier.

Carrier Usage:

CFS/CY: TSR+30+1'

CFS/SD: TSR+29+1'

If container is required to be picked up by carrier at Container Freight Station at the origin, service requirement code (TSR C233 7273) "1" is required to be sent as an additional component to the basic contract.

13

Carrier unloads

Description: The cargo is to be unloaded from the equipment by the carrier.

Carrier Usage:

SD/CFS: TSR+28+13'

CY/CFS: TSR+30+13'

If container is required to be delivered by carrier to Container Freight Station at destination, service requirement code (TSR C233 7273) "13" is required to be sent as an additional component to the basic contract.

Sample:

TSR+4'

TSR+27'

TSR+28'

TSR+29'

TSR+30'

TSR+28+13'

TSR+29+1'

TSR+30+1'

TSR+30+13'

CUX CURRENCIES

Pos: 0070	Max: 9
Group: N/A	Conditional
	Elements: 2

User Option (Usage): O

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUX010	C504	CURRENCY DETAILS	C	Comp		O
		Description: The usage to which a currency relates.				
CUX010-010	6347	Currency details qualifier	M	an	1/3	M
		Description: Specification of the usage to which the currency relates.				
		<u>Code</u>	<u>Name</u>			
		4	Transport document currency			
		Description: Currency applicable to amounts stated in a transport document/message.				
CUX010-020	6345	Currency identification code	C	an	1/3	O
		Description: Code specifying a monetary unit.				
		Carrier Usage: Currency as per ISO 4217				
CUX020	C504	CURRENCY DETAILS	C	Comp		O
		Description: The usage to which a currency relates.				
		Carrier Usage: This component should be used to specify the Exchange Rates				
CUX020-010	6347	Currency details qualifier	M	an	1/3	M
		Description: Specification of the usage to which the currency relates.				
		<u>Code</u>	<u>Name</u>			
		3	Target currency			
		Description: The currency which should be used to the target destination of the transaction.				

Sample:

CUX+4:USD+3'

Segment Group 1

Pos: 0120	Repeat: 99
Conditional	
Group: 1	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0130	LOC	PLACE/LOCATION IDENTIFICATION	M	1	M

LOC PLACE/LOCATION IDENTIFICATION

Pos: 0130 **Max: 1**
Mandatory
Group: 1 **Elements: 2**

User Option (Usage): M

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Location function code qualifier	M	an	1/3	M

Description: Code identifying the function of a location.

Carrier Usage: The values below are the carrier defaults. Selections from Customer Preference Table can be used to override the values below.

<u>Code</u>	<u>Name</u>
7	Place of delivery Description: (3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).
27	Country of origin Description: [3238] Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade.
28	Country of destination of goods Description: Country to which the goods are to be delivered.
88	Place of receipt Description: Identification of the location at which the cargo is actually received.
91	Place of document issue Description: The place or location where a document is issued.

LOC020	C517	LOCATION IDENTIFICATION	C	Comp		O
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Description: Identification of a location by code or name.

LOC020-010	3225	Location name code	C	an	1/25	O
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Description: Code specifying the name of the location.

Carrier Usage: UNLOCODES must be used whenever possible

LOC020-020	1131	Code list identification code	C	an	1/3	O
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Description: Identification of a code list.

<u>Code</u>	<u>Name</u>
139	Port Description: A location having facilities for means of transport to load or discharge cargo.
162	Country Description: Identification of a country.

LOC020-030	3055	Code list responsible agency code	C	an	1/3	O
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Description: Code specifying the agency responsible for a code list.

<u>Code</u>	<u>Name</u>
6	UN/ECE (United Nations - Economic Commission for Europe)



Description: Self explanatory.

LOC020-040	3224	Location name	C	an	1/256	0
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Description: Name of the location.

Carrier Usage: Free Text Location

Sample:

LOC+91+KRSEL:139:6:SEOUL'
LOC+27+KR:162:6:KOREA, SOUTH'
LOC+88+SGSIN:139:6:SINGAPORE'

Segment Group 3

Pos: 0180	Repeat: 99
Conditional	
Group: 3	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0190	RFF	REFERENCE	M	1	M

RFF REFERENCE

Pos: 0190	Max: 1
Mandatory	
Group: 3	Elements: 1

User Option (Usage): M

Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		M

Description: Identification of a reference.

RFF010-010	1153	Reference function code qualifier	M	an	1/3	M
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Description: Code giving specific meaning to a reference segment or a reference number.

Carrier Usage: The values below are the carrier defaults. Selections from Customer Preference Table can be used to override the values below.

Code Name

BM Bill of lading number

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

BN Booking reference number

Description: [1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.

CT Contract number

Description: Reference number of a contract concluded between parties.

The services Contract Number in RKDS02

FF Freight forwarder's reference number

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

ON Order number (purchase)

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

SI SID (Shipper's identifying number for shipment)

Description: Description to be provided.

AAO Consignee's shipment reference number

Description: [1362] Reference assigned by the consignee to a shipment.

RFF010-020	1154	Reference identifier	C	an	1/35	O
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Description: Identifies a reference.

Carrier Usage: The Actual Reference Number

Sample:

RFF+BM:554596116'

RFF+BN:554596116'

RFF+CT:312432'

RFF+FF:2000108990'

Segment Group 6

Pos: 0300	Repeat: 9
Conditional	
Group: 6	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0310	CPI	CHARGE PAYMENT INSTRUCTIONS	M	1	M

CPI CHARGE PAYMENT INSTRUCTIONS

Pos: 0310 Max: 1
Mandatory
Group: 6 Elements: 2

User Option (Usage): M

Function: To identify a charge.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPI010	C229	CHARGE CATEGORY	C	Comp		O
Description: Identification of a category or a zone of charges.						
CPI010-010	5237	Charge category code	M	an	1/3	M
Description: Code specifying the category of charges.						
		<u>Code</u>	<u>Name</u>			
		4	Basic freight			
Description: The basic freight payable on the cargo as per tariff.						
CPI030	4237	Prepaid/collect indicator, coded	C	an	1/3	O
Description: Code indicating whether freight item amount is prepaid or to be collected.						
Carrier Usage: The Collect or Prepaid indicator is NOT Ocean Freight specific. It refers to the overall charges and not the details.						
		<u>Code</u>	<u>Name</u>			
		C	Collect			
Description: Charges are (to be) collected from the consignee at the destination.						
		P	Prepaid			
Description: Charges are (to be) prepaid before the transport actually leaves.						

Sample:

CPI+4++P'

Segment Group 7

Pos: 0360	Repeat: 99
Conditional	
Group: 7	Elements: N/A

User Option (Usage): 0
Function:

Notes:

1. By default Charge Calculation information (TCC-CUX-PRI-MOA-QTY) is not provided. However, based on customer preference, it can be provided in summary level (SG7) or detail level (SG29 or SG36).

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0370	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	M
0400	CUX	CURRENCIES	C	1	O
0410	PRI	PRICE DETAILS	C	1	O
0440	MOA	MONETARY AMOUNT	C	9	O
0450	QTY	QUANTITY	C	9	O

TCC TRANSPORT CHARGE/RATE CALCULATIONS

Pos: 0370 Max: 1
Mandatory
Group: 7 Elements: 1

User Option (Usage): M

Function: To specify charges.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TCC010	C200	CHARGE	C	Comp		O
Description: Identification of a charge by code and/or by name.						
TCC010-010	8023	Freight and charges identification	C	an	1/17	O
Description: Coded description of freight charges and other charges (used in combination with 1131/3055).						
Carrier Usage: The values below are the carrier defaults. Selections from customer preference table can be used to override the values below.						
TCC010-040	8022	Freight and charges	C	an	1/26	O
Description: Plain language statement describing freight and other charges.						
Carrier Usage: The Actual Charge Description						
TCC010-050	4237	Prepaid/collect indicator, coded	C	an	1/3	O
Description: Code indicating whether freight item amount is prepaid or to be collected.						
		<u>Code</u>	<u>Name</u>			
		C	Collect			
			Description: Charges are (to be) collected from the consignee at the destination.			
		P	Prepaid			
			Description: Charges are (to be) prepaid before the transport actually leaves.			

Sample:

TCC+BSC:::BUNKER SURCHARGE:P'

CUX CURRENCIES

Pos: 0400	Max: 1
Conditional	
Group: 7	Elements: 1

User Option (Usage): 0

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUX010	C504	CURRENCY DETAILS	C	Comp		O
Description: The usage to which a currency relates.						
CUX010-010	6347	Currency details qualifier	M	an	1/3	M
Description: Specification of the usage to which the currency relates.						
		<u>Code</u>	<u>Name</u>			
		5	Calculation base currency			
Description: Currency on which the calculation is based.						
CUX010-020	6345	Currency identification code	C	an	1/3	O
Description: Code specifying a monetary unit.						

Sample:

CUX+5:USD'

PRI PRICE DETAILS

Pos: 0410	Max: 1
Conditional	
Group: 7	Elements: 2

User Option (Usage): O

Function: To specify price information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRI010	C509	PRICE INFORMATION	C	Comp		O
Description: Identification of price type, price and related details.						
PRI010-010	5125	Price qualifier	M	an	1/3	M
Description: Identification of a type of price.						
		<u>Code</u>	<u>Name</u>			
		CAL	Calculation price			
Description: The price stated is the price for the calculation of the line item amount.						
PRI010-020	5118	Price	C	n	1/15	O
Description: The monetary value associated with a purchase or sale of an article, product or service.						
Carrier Usage: The Actual Price						
PRI010-060	6411	Measurement unit code	C	an	1/3	O
Description: Code specifying the unit of measurement.						
PRI020	5213	Sub-line price change, coded	C	an	1/3	O
Description: Code indicating disposition of the price change of a sub-line item.						
		<u>Code</u>	<u>Name</u>			
		A	Added to the baseline item unit price			
Description: Self explanatory.						
		I	Included in the baseline item unit price			
Description: Self explanatory.						
		S	Subtracted from the baseline item unit price			
Description: Self explanatory.						

Sample:

PRI+CAL:150000::::SM+A'

MOA MONETARY AMOUNT

Pos: 0440	Max: 9
Conditional	
Group: 7	Elements: 1

User Option (Usage): 0

Function: To specify a monetary amount.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MOA010	C516	MONETARY AMOUNT	M	Comp		M
Description: Amount of goods or services stated as a monetary amount in a specified currency.						
MOA010-010	5025	Monetary amount type code qualifier	M	an	1/3	M
Description: Code specifying the type of monetary amount.						
		<u>Code</u>	<u>Name</u>			
		64	Freight charge			
Description: Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).						
MOA010-020	5004	Monetary amount value	C	n	1/35	O
Description: To specify the value of a monetary amount.						
Carrier Usage: The Actual Amount						
MOA010-030	6345	Currency identification code	C	an	1/3	O
Description: Code specifying a monetary unit.						
Carrier Usage: Currency as per ISO 4217						

Sample:

MOA+64:150000:KRW'

QTY QUANTITY

Pos: 0450	Max: 9
Conditional	
Group: 7	Elements: 1

User Option (Usage): 0

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		M

Description: Quantity information in a transaction, qualified when relevant.

QTY010-010	6063	Quantity type code qualifier	M	an	1/3	M
------------	------	-------------------------------------	---	----	-----	---

Description: Code qualifying the type of quantity.

<u>Code</u>	<u>Name</u>
100	Chargeable weight Description: The weight on which charges are based.
106	Chargeable number of packages Description: The number of packages on which charges are based.
107	Chargeable number of units Description: The number of units on which charges are based.
109	Chargeable volume Description: The volume on which charges are based.

QTY010-020	6060	Quantity	M	an	1/35	M
------------	------	-----------------	---	----	------	---

Description: Alphanumeric representation of a quantity.

Carrier Usage: The Actual Quantity

Sample:

QTY+107:1.000'

Segment Group 8

Pos: 0460	Repeat: 99
Conditional	
Group: 8	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
0470	TDT	DETAILS OF TRANSPORT	M	1	M
0480	DTM	DATE/TIME/PERIOD	C	9	O
0500		Segment Group 9	C	99	O

TDT DETAILS OF TRANSPORT

Pos: 0470	Max: 1
Mandatory	
Group: 8	Elements: 5

User Option (Usage): M

Function: 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.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDT010	8051	Transport stage code qualifier	M	an	1/3	M
Description: Code qualifying a specific stage of transport.						
		<u>Code</u>		<u>Name</u>		
		20		Main-carriage transport		
				Description: The primary stage in the movement of cargo from the point of origin to the intended destination.		
TDT020	8028	Conveyance reference number	C	an	1/17	O
Description: Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).						
Carrier Usage: The Actual Voyage Number						
TDT030	C220	MODE OF TRANSPORT	C	Comp		O
Description: Method of transport code or name. Code preferred.						
TDT030-010	8067	Transport mode name code	C	an	1/3	O
Description: Code specifying the name of a mode of transport.						
TDT050	C040	CARRIER	C	Comp		O
Description: Identification of a carrier by code and/or by name. Code preferred.						
TDT050-010	3127	Carrier identification	C	an	1/17	O
Description: Identification of party undertaking or arranging transport of goods between named points.						
TDT050-020	1131	Code list identification code	C	an	1/3	O
Description: Identification of a code list.						
		<u>Code</u>		<u>Name</u>		
		172		Carriers		
				Description: Code list identifying carriers.		
TDT050-030	3055	Code list responsible agency code	C	an	1/3	O
Description: Code specifying the agency responsible for a code list.						
		<u>Code</u>		<u>Name</u>		
		20		BIC (Bureau International des Containeurs)		
				Description: The container industry's international organisation responsible for the issuance of container-related codes.		
		166		US, National Motor Freight Classification Association		
				Description: The organisation in the USA which is responsible for code maintenance in the trucking industry.		
TDT080	C222	TRANSPORT IDENTIFICATION	C	Comp		O

		Description: Code and/or name identifying the means of transport.				
TDT080-010	8213	Transport means identification name identifier	C	an	1/9	O
		Description: Identifies the name of the transport means.				
		Carrier Usage: The Actual Vessel ID number				
TDT080-020	1131	Code list identification code	C	an	1/3	O
		Description: Identification of a code list.				
		<u>Code</u>	<u>Name</u>			
		103	Call sign directory			
		Description: A directory of call signs assigned to transport vehicles.				
TDT080-030	3055	Code list responsible agency code	C	an	1/3	O
		Description: Code specifying the agency responsible for a code list.				
		<u>Code</u>	<u>Name</u>			
		11	Lloyd's register of shipping			
		Description: A register of ocean going vessels maintained by Lloyd's of London.				
TDT080-040	8212	Transport means identification name	C	an	1/35	O
		Description: Name identifying a means of transport.				
		Carrier Usage: The Actual Vessel Name				
TDT080-050	8453	Nationality of means of transport, coded	C	an	1/3	O
		Description: Coded name of the country in which a means of transport is registered.				
		Carrier Usage: ISO 2 Alpha Country Codes Must Be Used				

Sample:

TDT+20+1506+1++MAEU:172:20++9529255:11:MAERSK CARDIFF'

DTM DATE/TIME/PERIOD

Pos: 0480	Max: 9
Conditional	
Group: 8	Elements: 1

User Option (Usage): O

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		M
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date/time/period function code qualifier	M	an	1/3	M
Description: Code giving specific meaning to a date, time or period.						
		<u>Code</u>	<u>Name</u>			
		342	On-board date			
Description: The date goods have been loaded on board of a conveyance.						
DTM010-020	2380	Date/time/period value	C	an	1/35	O
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
DTM010-030	2379	Date/time/period format code	C	an	1/3	O
Description: Code specifying the representation of a date, time or period.						
		<u>Code</u>	<u>Name</u>			
		101	YYMMDD			
Description: Calendar date: Y = Year; M = Month; D = Day.						

Sample:

DTM+342:160711:101'

Segment Group 9

Pos: 0500	Repeat: 99
Conditional	
Group: 9	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0510	LOC	PLACE/LOCATION IDENTIFICATION	M	1	M
0520	DTM	DATE/TIME/PERIOD	C	9	O

LOC PLACE/LOCATION IDENTIFICATION

Pos: 0510 Max: 1
Mandatory
Group: 9 Elements: 2

User Option (Usage): M

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Location function code qualifier	M	an	1/3	M

Description: Code identifying the function of a location.

Carrier Usage: The values below are the carrier defaults. Selections from Customer Preference Table can be used to override the values below.

Code

Name

9

Place/port of loading

Description: (3334 + 3230) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.

11

Place/port of discharge

Description: (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.

LOC020	C517	LOCATION IDENTIFICATION	C	Comp		O
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Description: Identification of a location by code or name.

LOC020-010	3225	Location name code	C	an	1/25	O
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Description: Code specifying the name of the location.

Carrier Usage: UNLOCODES must be used whenever possible

LOC020-020	1131	Code list identification code	C	an	1/3	O
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Description: Identification of a code list.

Code

Name

139

Port

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

LOC020-030	3055	Code list responsible agency code	C	an	1/3	O
------------	------	-----------------------------------	---	----	-----	---

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

Code

Name

6

UN/ECE (United Nations - Economic Commission for Europe)

Description: Self explanatory.

LOC020-040	3224	Location name	C	an	1/256	O
------------	------	---------------	---	----	-------	---

Description: Name of the location.

Carrier Usage: Free Text Location Name

Sample:

LOC+9+KRKAN:139:6:KWANGYANG'

LOC+11+KRPUS:139:6:BUSAN, KOREA'

DTM DATE/TIME/PERIOD

Pos: 0520	Max: 9
Conditional	
Group: 9	Elements: 1

User Option (Usage): O

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	DATE/TIME/PERIOD	M	Comp		M
Description: Date and/or time, or period relevant to the specified date/time/period type.						
DTM010-010	2005	Date/time/period function code qualifier	M	an	1/3	M
Description: Code giving specific meaning to a date, time or period.						
		<u>Code</u>	<u>Name</u>			
		132	Arrival date/time, estimated			
		Description: (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.				
		133	Departure date/time, estimated			
		Description: Date/time when carrier estimates that a means of transport should depart at the place of departure.				
DTM010-020	2380	Date/time/period value	C	an	1/35	O
Description: The value of a date, a date and time, a time or of a period in a specified representation.						
DTM010-030	2379	Date/time/period format code	C	an	1/3	O
Description: Code specifying the representation of a date, time or period.						
		<u>Code</u>	<u>Name</u>			
		101	YYMMDD			
		Description: Calendar date: Y = Year; M = Month; D = Day.				

Sample:

DTM+133:150325:101'
DTM+132:150426:101'

Segment Group 11

Pos: 0560	Repeat: 99
Conditional	
Group: 11	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0570	NAD	NAME AND ADDRESS	M	1	M

NAD NAME AND ADDRESS

Pos: 0570	Max: 1
Mandatory	
Group: 11	Elements: 3

User Option (Usage): M

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party function code qualifier	M	an	1/3	M

Description: Code giving specific meaning to a party.

Carrier Usage: The values below are the carrier defaults. Selections from Customer Preference Table can be used to override the values below.

<u>Code</u>	<u>Name</u>
AO	Account of Description: Party account is assigned to. Carrier Usage: Named Account Customer
BA	Booking agent Description: Party acting as a booking office for transport and forwarding services.
CA	Carrier Description: (3126) Party undertaking or arranging transport of goods between named points.
CN	Consignee Description: (3132) Party to which goods are consigned.
CZ	Consignor (Shipper) Description: (3336) Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him. Synonym: shipper, sender.
FC	Contractor, main Description: Firm or grouping of co-contractors which has been awarded the contract. Carrier Usage: Price owner
FP	Freight/charges payer Description: Party responsible for the payment of freight.
FW	Freight forwarder Description: Party arranging forwarding of goods.
N1	Notify party no. 1 Description: The first party which is to be notified. Carrier Usage: Additional Notify Party 1
N2	Notify party no. 2 Description: The second party which is to be notified. Carrier Usage: Additional notify party 2. When there are more than 1 additional party, the main notify party is provided with qualifier NI, the 1st additional notify party is provided

with qualifier N1, while the 2nd and the subsequent additional notify parties will be provided with qualifier "N2".

NI

Notify party

Description: (3180) Party to be notified of arrival of goods.

NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		O
		Description:	Identification of a transaction party by code.			
NAD020-010	3039	Party identifier	M	an	1/35	M
		Description:	Code specifying the identity of a party.			
NAD030	C058	NAME AND ADDRESS	C	Comp		O
		Description:	Unstructured name and address: one to five lines.			
NAD030-010	3124	Name and address line	M	an	1/35	M
		Description:	Free form name and address description.			
NAD030-020	3124	Name and address line	C	an	1/35	O
		Description:	Free form name and address description.			
NAD030-030	3124	Name and address line	C	an	1/35	O
		Description:	Free form name and address description.			
NAD030-040	3124	Name and address line	C	an	1/35	O
		Description:	Free form name and address description.			

Sample:

NAD+FC+43200046856+ABC CHEMICAL ASIA PTE LTD:12345 SOUTH STREET'
 NAD+BA+40600110872+DALIAN KANGNING LOGISTICS CO:PO BOX 4549'

Segment Group 18

Pos: 0890	Repeat: 999
Conditional	
Group: 18	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0900	GID	GOODS ITEM DETAILS	M	1	M
0920	TMP	TEMPERATURE	C	1	O
0940	TMD	TRANSPORT MOVEMENT DETAILS	C	1	O
0980	FTX	FREE TEXT	C	9	O
1040		Segment Group 20	C	99	O
1100		Segment Group 22	C	9	O
1130		Segment Group 23	C	9	O
1260		Segment Group 27	C	999	O
1320		Segment Group 29	C	99	O
1410		Segment Group 30	C	99	O

GID GOODS ITEM DETAILS

Pos: 0900	Max: 1
Mandatory	
Group: 18	Elements: 2

User Option (Usage): M

Function: To indicate totals of a goods item.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GID010	1496	Goods item number	C	n	1/5	O
Description: Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.						
GID030	C213	NUMBER AND TYPE OF PACKAGES	C	Comp		O
Description: Number and type of individual parts of a shipment.						
GID030-010	7224	Number of packages	C	n	1/8	O
Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.						
GID030-050	7064	Type of packages	C	an	1/35	O
Description: Description of the form in which goods are presented.						

Sample:

GID+1++200::::PA'

TMP TEMPERATURE

Pos: 0920	Max: 1
Conditional	
Group: 18	Elements: 2

User Option (Usage): O

Function: To specify the temperature setting.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TMP010	6245	Temperature qualifier	M	an	1/3	M
Description: A code giving specific meaning to the temperature.						
		<u>Code</u>	<u>Name</u>			
		2	Transport temperature			
		Description: The temperature at which cargo is to be kept while it is under transport.				
TMP020	C239	TEMPERATURE SETTING	C	Comp		O
Description: The temperature under which the goods are (to be) stored or shipped.						
TMP020-010	6246	Temperature setting	C	n	3/3	O
Description: The actual temperature value in degrees Celsius (e.g. 008, 020).						
Carrier Usage: The Actual Temperature Setting						
TMP020-020	6411	Measurement unit code	C	an	1/3	O
Description: Code specifying the unit of measurement.						
		<u>Code</u>	<u>Name</u>			
		CEL	Celsius			
		FAH	Fahrenheit			

Sample:

TMP+2+001:CEL'

TMD TRANSPORT MOVEMENT DETAILS

Pos: 0940	Max: 1
Group: 18	Elements: 1

User Option (Usage): 0

Function: To specify operational transport movement details for a goods item or equipment (which may differ from the contractual conditions).

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TMD010	C219	MOVEMENT TYPE	C	Comp		0

Description: Description of type of service for movement of cargo.

TMD010-010	8335	Movement type description code	C	an	1/3	0
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Description: Code specifying a type of movement.

<u>Code</u>	<u>Name</u>	<u>Description</u>
1	Breakbulk	Defines the movement of general cargo not carried in ISO standard containers.
2	LCL/LCL	Defines the movement of cargo packed in and unpacked from containers by the carrier on behalf of the shipper/consignee. 'LCL' means Less than Container Load.
3	FCL/FCL	Defines the movement of cargo packed by the shipper or shipper's agent and unpacked by the consignee or consignee's agent. 'FCL' means Full Container Load.
4	FCL/LCL	Defines the movement of cargo packed by the shipper or shipper's agent and unpacked by the carrier. 'FCL' means Full Container Load. 'LCL' means Less than Container Load.
5	LCL/FCL	Defines the movement of cargo packed by the carrier and unpacked by the consignee or consignee's agent. 'LCL' means Less than Container Load. 'FCL' means Full Load.

Sample:

TMD+3'

FTX FREE TEXT

Pos: 0980	Max: 9
Group: 18	Elements: 2
Conditional	

User Option (Usage): O

Function: To provide free form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FTX010	4451	Text subject code qualifier	M	an	1/3	M

Description: Code specifying the subject of the text.

Code

AAA

Name

Goods description

Description: [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term).

FTX040	C108	TEXT LITERAL	C	Comp		O
--------	------	---------------------	---	------	--	---

Description: Free text; one to five lines.

Carrier Usage: The actual Goods Description

FTX040-010	4440	Free text value	M	an	1/512	M
------------	------	------------------------	---	----	-------	---

Description: Free form text.

FTX040-020	4440	Free text value	C	an	1/512	O
------------	------	------------------------	---	----	-------	---

Description: Free form text.

FTX040-030	4440	Free text value	C	an	1/512	O
------------	------	------------------------	---	----	-------	---

Description: Free form text.

FTX040-040	4440	Free text value	C	an	1/512	O
------------	------	------------------------	---	----	-------	---

Description: Free form text.

FTX040-050	4440	Free text value	C	an	1/512	O
------------	------	------------------------	---	----	-------	---

Description: Free form text.

Sample:

FTX+AAA+++684 ECH'

FTX+AAA+++STEEL RADIAL TYRES'

FTX+AAA+++ 55 PCS OF PROMOTIONAL MATERIAL'

Segment Group 20

Pos: 1040	Repeat: 99
Conditional	
Group: 20	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1050	MEA	MEASUREMENTS	M	1	M

MEA MEASUREMENTS

Pos: 1050	Max: 1
Group: 20	Mandatory
	Elements: 3

User Option (Usage): M

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement attribute code	M	an	1/3	M

Description: Code specifying the measurement attribute.

<u>Code</u>	<u>Name</u>
-------------	-------------

AAE	Measurement
-----	-------------

Description: [6314] Value of the measured unit.

MEA020	C502	MEASUREMENT DETAILS	C	Comp		O
--------	------	----------------------------	---	------	--	---

Description: Identification of measurement type.

MEA020-010	6313	Measured attribute code	C	an	1/3	O
------------	------	--------------------------------	---	----	-----	---

Description: Code specifying the attribute measured.

<u>Code</u>	<u>Name</u>
-------------	-------------

G	Gross weight
---	--------------

Description: [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.

AAW	Gross volume
-----	--------------

Description: The observed volume unadjusted for factors such as temperature or gravity.

ABJ	Volume
-----	--------

Description: The amount of air space taken up by the entity identified in the 6311 qualifier.

MEA030	C174	VALUE/RANGE	C	Comp		O
--------	------	--------------------	---	------	--	---

Description: Measurement value and relevant minimum and maximum values of the measurement range.

MEA030-010	6411	Measurement unit code	M	an	1/3	M
------------	------	------------------------------	---	----	-----	---

Description: Code specifying the unit of measurement.

<u>Code</u>	<u>Name</u>
-------------	-------------

KGM	Kilograms
-----	-----------

LBS	Pound
-----	-------

MTQ	Cubic Meters
-----	--------------

FTQ	Cubic Feet
-----	------------

MEA030-020	6314	Measurement value	C	an	1/18	O
------------	------	--------------------------	---	----	------	---

Description: Value of the measured unit.

Carrier Usage: The Actual Measurement

Sample:

MEA+AAE+G+KGM:9542.583'

MEA+AAE+ABJ+MTQ:49.407'

Segment Group 22

Pos: 1100	Repeat: 9
Conditional	
Group: 22	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1110	RFF	REFERENCE	M	1	M

RFF REFERENCE

Pos: 1110	Max: 1
Mandatory	
Group: 22	Elements: 1

User Option (Usage): M

Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		M

Description: Identification of a reference.

RFF010-010	1153	Reference function code qualifier	M	an	1/3	M
------------	------	-----------------------------------	---	----	-----	---

Description: Code giving specific meaning to a reference segment or a reference number.

<u>Code</u>	<u>Name</u>
AED	Commodity number

Description: Self explanatory.

RFF010-020	1154	Reference identifier	C	an	1/35	O
------------	------	----------------------	---	----	------	---

Description: Identifies a reference.

Carrier Usage: The actual commodity Number

Sample:

RFF+AED:003210'

Segment Group 23

Pos: 1130	Repeat: 9
Conditional	
Group: 23	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1140	PCI	PACKAGE IDENTIFICATION	M	1	M

PCI PACKAGE IDENTIFICATION

Pos: 1140	Max: 1
Group: 23	Mandatory
	Elements: 2

User Option (Usage): M

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

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PCI010	4233	Marking instructions, coded	C	an	1/3	O
Description: Code indicating instructions on how specified packages or physical units should be marked.						
		Code	Name			
		23	Entire shipment			
Description: Markings refer to the entire shipment.						
PCI020	C210	MARKS & LABELS	C	Comp		O
Description: Shipping marks on packages in free text; one to ten lines.						
Carrier Usage: The actual Marks and Numbers						
PCI020-010	7102	Shipping marks	M	an	1/35	M
Description: Marks and numbers identifying individual packages.						
PCI020-020	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-030	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-040	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-050	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-060	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-070	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-080	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-090	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						
PCI020-100	7102	Shipping marks	C	an	1/35	O
Description: Marks and numbers identifying individual packages.						

Sample:

PCI+23+SHIPPING MARKS:NM'

Segment Group 27

Pos: 1260	Repeat: 999
Conditional	
Group: 27	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1270	SGP	SPLIT GOODS PLACEMENT	M	1	M
1290		Segment Group 28	C	9	O

SGP SPLIT GOODS PLACEMENT

Pos: 1270	Max: 1
Mandatory	
Group: 27	Elements: 2

User Option (Usage): M

Function: To specify the placement of goods in relation to equipment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SGP010	C237	EQUIPMENT IDENTIFICATION	M	Comp		M
		Description: Marks (letters/numbers) identifying equipment.				
SGP010-010	8260	Equipment identification number	C	an	1/17	O
		Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device.				
		Carrier Usage: The container number indicated here must be identical to the container number in the EQD segment.				
SGP020	7224	Number of packages	C	n	1/8	O
		Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.				
		Carrier Usage: The actual number of packages in the container				

Sample:

SGP+GESU5946968+684'

Segment Group 28

Pos: 1290	Repeat: 9
Conditional	
Group: 28	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1300	MEA	MEASUREMENTS	M	1	M

MEA MEASUREMENTS

Pos: 1300	Max: 1
Group: 28	Mandatory
	Elements: 3

User Option (Usage): M

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement attribute code	M	an	1/3	M
Description: Code specifying the measurement attribute.						
		<u>Code</u>	<u>Name</u>			
		AAE	Measurement			
Description: [6314] Value of the measured unit.						
MEA020	C502	MEASUREMENT DETAILS	C	Comp		O
Description: Identification of measurement type.						
MEA020-010	6313	Measured attribute code	C	an	1/3	O
Description: Code specifying the attribute measured.						
		<u>Code</u>	<u>Name</u>			
		G	Gross weight			
Description: [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.						
		AAW	Gross volume			
Description: The observed volume unadjusted for factors such as temperature or gravity.						
		ABJ	Volume			
Description: The amount of air space taken up by the entity identified in the 6311 qualifier.						
MEA030	C174	VALUE/RANGE	C	Comp		O
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measurement unit code	M	an	1/3	M
Description: Code specifying the unit of measurement.						
		<u>Code</u>	<u>Name</u>			
		KGM	Kilograms			
		LBS	Pound			
		MTQ	Cubic Meters			
		FTQ	Cubic Feet			
MEA030-020	6314	Measurement value	C	an	1/18	O
Description: Value of the measured unit.						
Carrier Usage: The actual measurement value						

Sample:

MEA+AAE+G+KGM:9542.583'
MEA+AAE+ABJ+MTQ:49.407'

Segment Group 29

Pos: 1320	Repeat: 99
Conditional	
Group: 29	Elements: N/A

User Option (Usage): 0
Function:

Notes:

1. By default Charge Calculation information (TCC-PRI-MOA-QTY) is not provided. However, based on customer preference, it can be provided in summary level (SG7) or detail level (SG29 or SG36).

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1330	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	M
1340	CUX	CURRENCIES	C	1	O
1350	PRI	PRICE DETAILS	C	1	O
1380	MOA	MONETARY AMOUNT	C	9	O
1390	QTY	QUANTITY	C	9	O

TCC TRANSPORT CHARGE/RATE CALCULATIONS

Pos: 1330 Max: 1
Mandatory
Group: Elements: 1
29

User Option (Usage): M

Function: To specify charges.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TCC010	C200	CHARGE	C	Comp		O
Description: Identification of a charge by code and/or by name.						
TCC010-010	8023	Freight and charges identification	C	an	1/17	O
Description: Coded description of freight charges and other charges (used in combination with 1131/3055).						
Carrier Usage: The values below are the carrier defaults. Selections from customer preference table can be used to override the values below.						
TCC010-040	8022	Freight and charges	C	an	1/26	O
Description: Plain language statement describing freight and other charges.						
Carrier Usage: The Actual Charge Description in Free Text						
TCC010-050	4237	Prepaid/collect indicator, coded	C	an	1/3	O
Description: Code indicating whether freight item amount is prepaid or to be collected.						
		<u>Code</u>	<u>Name</u>			
		C	Collect			
			Description: Charges are (to be) collected from the consignee at the destination.			
		P	Prepaid			
			Description: Charges are (to be) prepaid before the transport actually leaves.			
TCC010-060	7140	Item number	C	an	1/35	O
Description: A number allocated to a group or item.						

Sample:

TCC+BSC::BUNKER SURCHARGE:P'

CUX CURRENCIES

Pos: 1340	Max: 1
Conditional	
Group: 29	Elements: 1

User Option (Usage): 0

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUX010	C504	CURRENCY DETAILS	C	Comp		O
Description: The usage to which a currency relates.						
CUX010-010	6347	Currency details qualifier	M	an	1/3	M
Description: Specification of the usage to which the currency relates.						
		<u>Code</u>	<u>Name</u>			
		5	Calculation base currency			
Description: Currency on which the calculation is based.						
CUX010-020	6345	Currency identification code	C	an	1/3	O
Description: Code specifying a monetary unit.						

PRI PRICE DETAILS

Pos: 1350	Max: 1
Conditional	
Group: 29	Elements: 2

User Option (Usage): O

Function: To specify price information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PRI010	C509	PRICE INFORMATION	C	Comp		O
Description: Identification of price type, price and related details.						
PRI010-010	5125	Price qualifier	M	an	1/3	M
Description: Identification of a type of price.						
		Code	Name			
		CAL	Calculation price			
Description: The price stated is the price for the calculation of the line item amount.						
PRI010-020	5118	Price	C	n	1/15	O
Description: The monetary value associated with a purchase or sale of an article, product or service.						
Carrier Usage: The Actual Price						
PRI010-060	6411	Measurement unit code	C	an	1/3	O
Description: Code specifying the unit of measurement.						
PRI020	5213	Sub-line price change, coded	C	an	1/3	O
Description: Code indicating disposition of the price change of a sub-line item.						
		Code	Name			
		A	Added to the baseline item unit price			
Description: Self explanatory.						
		I	Included in the baseline item unit price			
Description: Self explanatory.						
		S	Subtracted from the baseline item unit price			
Description: Self explanatory.						

Sample:

PRI+CAL:150000::::SM+A'

MOA MONETARY AMOUNT

Pos: 1380	Max: 9
Conditional	
Group: 29	Elements: 1

User Option (Usage): O

Function: To specify a monetary amount.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MOA010	C516	MONETARY AMOUNT	M	Comp		M
Description: Amount of goods or services stated as a monetary amount in a specified currency.						
MOA010-010	5025	Monetary amount type code qualifier	M	an	1/3	M
Description: Code specifying the type of monetary amount.						
		<u>Code</u>	<u>Name</u>			
		64	Freight charge			
Description: Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).						
MOA010-020	5004	Monetary amount value	C	n	1/35	O
Description: To specify the value of a monetary amount.						
Carrier Usage: The Actual Amount						
MOA010-030	6345	Currency identification code	C	an	1/3	O
Description: Code specifying a monetary unit.						
Carrier Usage: Currency as per ISO 4217						

Sample:

MOA+64:150000:KRW'

QTY QUANTITY

Pos: 1390	Max: 9
Conditional	
Group: 29	Elements: 1

User Option (Usage): O

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		M
Description: Quantity information in a transaction, qualified when relevant.						
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	M
Description: Code qualifying the type of quantity.						
		<u>Code</u>		<u>Name</u>		
		100		Chargeable weight		
				Description: The weight on which charges are based.		
		106		Chargeable number of packages		
				Description: The number of packages on which charges are based.		
		107		Chargeable number of units		
				Description: The number of units on which charges are based.		
		109		Chargeable volume		
				Description: The volume on which charges are based.		
QTY010-020	6060	Quantity	M	an	1/35	M
Description: Alphanumeric representation of a quantity.						
Carrier Usage: The Actual quantity						

Sample:

QTY+107:1.000'

Segment Group 30

Pos: 1410	Repeat: 99
Conditional	
Group: 30	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1420	DGS	DANGEROUS GOODS	M	1	M
1440		Segment Group 31	C	9	O

DGS DANGEROUS GOODS

Pos: 1420	Max: 1
Group: 30	Mandatory
	Elements: 4

User Option (Usage): M

Function: To identify dangerous goods.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DGS010	8273	Dangerous goods regulations code	C	an	1/3	O
Description: Code specifying a dangerous goods regulation.						
		<u>Code</u>	<u>Name</u>			
		IMD	IMO IMDG code			
Description: Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.						
DGS020	C205	HAZARD CODE	C	Comp		O
Description: The identification of the dangerous goods in code.						
DGS020-010	8351	Hazard code identification	M	an	1/7	M
Description: Dangerous goods code.						
Carrier Usage: Specify the Dangerous Goods code by the IMO Class No						
DGS030	C234	UNDG INFORMATION	C	Comp		O
Description: Information on dangerous goods, taken from the United Nations Dangerous Goods classification.						
DGS030-010	7124	UNDG number	C	n	4/4	O
Description: Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.						
Carrier Usage: Specify the UNDG No						
DGS040	C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	C	Comp		O
Description: Temperature at which a vapor can be ignited as per ISO 1523/73.						
DGS040-010	7106	Shipment flashpoint	C	n	3/3	O
Description: Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.						
Carrier Usage: Specify the flashpoint						
DGS040-020	6411	Measurement unit code	C	an	1/3	O
Description: Code specifying the unit of measurement.						
Carrier Usage: Specify the Temperature Qualifier						
		<u>Code</u>	<u>Name</u>			
		CEL	Celsius			
		FAH	Fahrenheit			

Sample:

DGS+IMD+1194+6+20.5:CEL'

Segment Group 31

Pos: 1440	Repeat: 9
Conditional	
Group: 31	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1450	CTA	CONTACT INFORMATION	M	1	M
1460	COM	COMMUNICATION CONTACT	C	9	O

CTA CONTACT INFORMATION

Pos: 1450	Max: 1
Mandatory	
Group: 31	Elements: 1

User Option (Usage): M

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTA010	3139	Contact function code	C	an	1/3	O

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

Code

HG

Name

Dangerous goods contact

Description: Department/person to be contacted for details about the transportation of dangerous goods/hazardous material.

Sample:

CTA+HG+:DANGEROUS GOODS CONTACT'

COM COMMUNICATION CONTACT

Pos: 1460	Max: 9
Conditional	
Group: 31	Elements: 1

User Option (Usage): 0

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
COM010	C076	COMMUNICATION CONTACT	M	Comp		M
Description: Communication number of a department or employee in a specified channel.						
COM010-010	3148	Communication number	M	an	1/512	M
Description: The communication number.						
Carrier Usage: The actual telephone number						
COM010-020	3155	Communication number code qualifier	M	an	1/3	M
Description: Code qualifying the communication number.						
		<u>Code</u>	<u>Name</u>			
		TE	Telephone			
Description: Voice/data transmission by telephone.						

Sample:

COM+012345678:TE'

Segment Group 35

Pos: 1550	Repeat: 999
Conditional	
Group: 35	Elements: N/A

User Option (Usage): 0
Function:

Segment Group Summary:

Pos	Tag	Segment Name	Status	Rep	Usage
1560	EQD	EQUIPMENT DETAILS	M	1	M
1590	MEA	MEASUREMENTS	C	9	O
1610	SEL	SEAL NUMBER	C	99	O
1670		Segment Group 36	C	99	O

EQD EQUIPMENT DETAILS

Pos: 1560	Max: 1
Group: 35	Mandatory
	Elements: 3

User Option (Usage): M

Function: To identify a unit of equipment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
EQD010	8053	Equipment type code qualifier	M	an	1/3	M

Description: Code qualifying a type of equipment.

<u>Code</u>	<u>Name</u>
-------------	-------------

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

EQD020	C237	EQUIPMENT IDENTIFICATION	C	Comp		O
--------	------	---------------------------------	---	------	--	---

Description: Marks (letters/numbers) identifying equipment.

EQD020-010	8260	Equipment identification number	C	an	1/17	O
------------	------	--	---	----	------	---

Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device.

Carrier Usage: The actual Container Number

EQD030	C224	EQUIPMENT SIZE AND TYPE	C	Comp		O
--------	------	--------------------------------	---	------	--	---

Description: Code and or name identifying size and type of equipment. Code preferred.

EQD030-010	8155	Equipment size and type description code	C	an	1/10	O
------------	------	---	---	----	------	---

Description: Code specifying the size and type of equipment.

Carrier Usage: ISO version 6346 size and type code as standard. The values below are the carrier defaults. Selections from customer preference table can be used to override the values below.

EQD030-020	1131	Code list identification code	C	an	1/3	O
------------	------	--------------------------------------	---	----	-----	---

Description: Identification of a code list.

<u>Code</u>	<u>Name</u>
-------------	-------------

102	Size and type
-----	---------------

Description: Self explanatory.

EQD030-030	3055	Code list responsible agency code	C	an	1/3	O
------------	------	--	---	----	-----	---

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

<u>Code</u>	<u>Name</u>
-------------	-------------

5	ISO (International Organization for Standardization)
---	--

Description: Self explanatory.

Sample:

EQD+CN+MSKU9125107+45G1:102:5'

MEA MEASUREMENTS

Pos: 1590	Max: 9
Group: 35	Conditional
	Elements: 3

User Option (Usage): O

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA010	6311	Measurement attribute code	M	an	1/3	M

Description: Code specifying the measurement attribute.

<u>Code</u>	<u>Name</u>
-------------	-------------

AAE	Measurement
-----	-------------

Description: [6314] Value of the measured unit.

MEA020	C502	MEASUREMENT DETAILS	C	Comp		O
--------	------	----------------------------	---	------	--	---

Description: Identification of measurement type.

MEA020-010	6313	Measured attribute code	C	an	1/3	O
------------	------	--------------------------------	---	----	-----	---

Description: Code specifying the attribute measured.

<u>Code</u>	<u>Name</u>
-------------	-------------

G	Gross weight
---	--------------

Description: [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.

T	Tare weight
---	-------------

Description: Weight excluding goods and loose accessories.

AAW	Gross volume
-----	--------------

Description: The observed volume unadjusted for factors such as temperature or gravity.

ABJ	Volume
-----	--------

Description: The amount of air space taken up by the entity identified in the 6311 qualifier.

MEA030	C174	VALUE/RANGE	C	Comp		O
--------	------	--------------------	---	------	--	---

Description: Measurement value and relevant minimum and maximum values of the measurement range.

MEA030-010	6411	Measurement unit code	M	an	1/3	M
------------	------	------------------------------	---	----	-----	---

Description: Code specifying the unit of measurement.

<u>Code</u>	<u>Name</u>
-------------	-------------

KGM	Kilograms
-----	-----------

LBS	Pound
-----	-------

MTQ	Cubic Meters
-----	--------------

FTQ	Cubic Feet
-----	------------

MEA030-020	6314	Measurement value	C	an	1/18	O
------------	------	--------------------------	---	----	------	---

Description: Value of the measured unit.

Carrier Usage: The Actual Measurement

Sample:

MEA+AAE+G+KGM:9542.583'

MEA+AAE+G+MTQ:49.407'

SEL SEAL NUMBER

Pos: 1610	Max: 99
Conditional	
Group: 35	Elements: 2

User Option (Usage): O

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SEL010	9308	Seal number	C	an	1/10	O
Description: The number of a custom seal or another seal affixed to the containers or other transport unit.						
Carrier Usage: The actual seal number						
SEL020	C215	SEAL ISSUER	C	Comp		O
Description: Identification of the issuer of a seal on equipment either by code or by name.						
SEL020-010	9303	Sealing party, coded	C	an	1/3	O
Description: Identification of the issuer of the seal number.						
		<u>Code</u>				<u>Name</u>
		CA				Carrier
Description: Party undertaking or arranging transport of goods between named points.						
		CU				Customs
Description: Self explanatory.						
		SH				Shipper
Description: Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him.						

Sample:

SEL+KR1740307+CA'

Segment Group 36

Pos: 1670	Repeat: 99
Conditional	
Group: 36	Elements: N/A

User Option (Usage): 0
Function:

Notes:

1. By default Charge Calculation information (TCC-CUX-PRI-MOA-QTY) is not provided. However, based on customer preference, it can be provided in summary level (SG7) or detail level (SG29 or SG36).

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
1680	TCC	TRANSPORT CHARGE/RATE CALCULATIONS	M	1	M
1690	CUX	CURRENCIES	C	1	O
1700	PRI	PRICE DETAILS	C	1	O
1730	MOA	MONETARY AMOUNT	C	9	O
1740	QTY	QUANTITY	C	9	O

TCC TRANSPORT CHARGE/RATE CALCULATIONS

Pos: 1680 Max: 1
Mandatory
Group: 36 Elements: 1

User Option (Usage): M

Function: To specify charges.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TCC010	C200	CHARGE	C	Comp		O
Description: Identification of a charge by code and/or by name.						
TCC010-010	8023	Freight and charges identification	C	an	1/17	O
Description: Coded description of freight charges and other charges (used in combination with 1131/3055).						
Carrier Usage: The values below are the carrier defaults. Selections from customer preference table can be used to override the values below.						
TCC010-040	8022	Freight and charges	C	an	1/26	O
Description: Plain language statement describing freight and other charges.						
TCC010-050	4237	Prepaid/collect indicator, coded	C	an	1/3	O
Description: Code indicating whether freight item amount is prepaid or to be collected.						
		<u>Code</u>	<u>Name</u>			
		C	Collect			
			Description: Charges are (to be) collected from the consignee at the destination.			
		P	Prepaid			
			Description: Charges are (to be) prepaid before the transport actually leaves.			

Sample:

TCC+VAA:::USGVT - VALUE ADDED SERVIC:P'

CUX CURRENCIES

Pos: 1690	Max: 1
Conditional	
Group: 36	Elements: 1

User Option (Usage): 0

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

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUX010	C504	CURRENCY DETAILS	C	Comp		O
Description: The usage to which a currency relates.						
CUX010-010	6347	Currency details qualifier	M	an	1/3	M
Description: Specification of the usage to which the currency relates.						
		<u>Code</u>	<u>Name</u>			
		5	Calculation base currency			
Description: Currency on which the calculation is based.						
CUX010-020	6345	Currency identification code	C	an	1/3	O
Description: Code specifying a monetary unit.						

Sample:

CUX+5:USD'

PRI PRICE DETAILS

Pos: 1700	Max: 1
Conditional	
Group: 36	Elements: 2

User Option (Usage): O

Function: To specify price information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PRI010	C509	PRICE INFORMATION	C	Comp		O
Description: Identification of price type, price and related details.						
PRI010-010	5125	Price qualifier	M	an	1/3	M
Description: Identification of a type of price.						
		<u>Code</u>	<u>Name</u>			
		CAL	Calculation price			
Description: The price stated is the price for the calculation of the line item amount.						
PRI010-020	5118	Price	C	n	1/15	O
Description: The monetary value associated with a purchase or sale of an article, product or service.						
PRI010-060	6411	Measurement unit code	C	an	1/3	O
Description: Code specifying the unit of measurement.						
PRI020	5213	Sub-line price change, coded	C	an	1/3	O
Description: Code indicating disposition of the price change of a sub-line item.						
		<u>Code</u>	<u>Name</u>			
		A	Added to the baseline item unit price			
Description: Self explanatory.						
		I	Included in the baseline item unit price			
Description: Self explanatory.						
		S	Subtracted from the baseline item unit price			
Description: Self explanatory.						

Sample:

PRI+CAL:3928,00::::PA+A'

MOA MONETARY AMOUNT

Pos: 1730	Max: 9
Conditional	
Group: 36	Elements: 1

User Option (Usage): O

Function: To specify a monetary amount.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MOA010	C516	MONETARY AMOUNT	M	Comp		M
Description: Amount of goods or services stated as a monetary amount in a specified currency.						
MOA010-010	5025	Monetary amount type code qualifier	M	an	1/3	M
Description: Code specifying the type of monetary amount.						
		<u>Code</u>	<u>Name</u>			
		64	Freight charge			
Description: Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).						
MOA010-020	5004	Monetary amount value	C	n	1/35	O
Description: To specify the value of a monetary amount.						
MOA010-030	6345	Currency identification code	C	an	1/3	O
Description: Code specifying a monetary unit.						

Sample:

MOA+64:3928,00:USD'

QTY QUANTITY

Pos: 1740	Max: 9
Conditional	
Group: 36	Elements: 1

User Option (Usage): O

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	QUANTITY DETAILS	M	Comp		M
Description: Quantity information in a transaction, qualified when relevant.						
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	M
Description: Code qualifying the type of quantity.						
		<u>Code</u>	<u>Name</u>			
		100	Chargeable weight			
		Description: The weight on which charges are based.				
		106	Chargeable number of packages			
		Description: The number of packages on which charges are based.				
		107	Chargeable number of units			
		Description: The number of units on which charges are based.				
		109	Chargeable volume			
		Description: The volume on which charges are based.				
QTY010-020	6060	Quantity	M	an	1/35	M
Description: Alphanumeric representation of a quantity.						
QTY010-030	6411	Measurement unit code	C	an	1/3	O
Description: Code specifying the unit of measurement.						

Sample:

QTY+107:1,000'

UNT MESSAGE TRAILER

Pos: 1870	Max: 1
Mandatory	
Group:	Elements: 2
N/A	

User Option (Usage): M

Function: To end and check the completeness of a message.

Notes:

1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/10	M
Description: The number of segments in a message body, plus the message header segment and message trailer segment.						
Carrier Usage: Actual number of segments including the UNH and the UNT						
UNT020	0062	Message reference number	M	an	1/14	M
Description: Unique message reference assigned by the sender.						
Carrier Usage: Same reference as in d/e 0062 in the UNH						

Sample:

UNT+78+1129800001'

UNZ INTERCHANGE TRAILER

Pos:	Max: 1
Group:	Mandatory
N/A	Elements: 2

User Option (Usage): M

Function: To end and check the completeness of an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	Interchange control count	M	n	1/6	M
Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.						
Carrier Usage: Actual number of messages in the transmission						
UNZ020	0020	Interchange control reference	M	an	1/14	M
Description: Unique reference assigned by the sender to an interchange.						
Carrier Usage: Same reference as in d/e 0020 in the UNB						

Sample:

UNZ+1+11298'

Example File 1 –

UNA:+,? '
 UNB+UNOA:1+MAEU:ZZ+PARTNER:ZZ+160808:0315+117'
 UNH+11700001+IFTMCS:D:99B:UN'
 BGM+705+957178838+9'
 DTM+95:160726:101'
 DTM+137:160808:101'
 TSR+30'
 CUX+4:EUR+3'
 LOC+91+ESMAD:139:6:MADRID'
 LOC+27+ES:162:6:SPAIN'
 LOC+28+BR:162:6:BRAZIL'
 LOC+88+ESALG:139:6:ALGECIRAS'
 LOC+7+BRSSZ:139:6:SANTOS'
 RFF+BM:MAEU957178838'
 RFF+BN:957178838'
 CPI+++P'
 TCC+BAS:::BASIC OCEAN FREIGHT:P'
 CUX+5:EUR'
 PRI+CAL:350,00:::OCE+A'
 MOA+64:350,00:EUR'
 QTY+100:1,000'
 TCC+DDF:::DOCUMENTATION FEE - DESTIN:C'
 CUX+5:BRL'
 PRI+CAL:300,00+A'
 MOA+64:300,00:BRL'
 QTY+100:1,000'
 TCC+DHC:::TERMINAL HANDLING SERVICE:C'
 CUX+5:BRL'
 PRI+CAL:805,00+A'
 MOA+64:805,00:BRL'
 QTY+100:1,000'
 TCC+IMP:::IMPORT SERVICE:C'
 CUX+5:USD'
 PRI+CAL:55,00+A'
 MOA+64:55,00:USD'
 QTY+100:1,000'
 TCC+ODF:::DOCUMENTATION FEE - ORIGIN:P'
 CUX+5:EUR'
 PRI+CAL:45,00+A'
 MOA+64:45,00:EUR'
 QTY+100:1,000'
 TCC+OHC:::TERMINAL HANDLING SERVICE:P'
 CUX+5:EUR'
 PRI+CAL:210,00+A'
 MOA+64:210,00:EUR'
 QTY+100:1,000'
 TCC+PAE:::PORT ADDITIONALS / PORT DU:P'
 CUX+5:EUR'
 PRI+CAL:50,00+A'
 MOA+64:50,00:EUR'
 QTY+100:1,000'
 TDT+20+1607+1++MAEU:172:166+++VRLI7:103::MAERSK LANCO:HK'
 DTM+342:160723:101'
 LOC+9+ESALG:139:6:ALGECIRAS'
 DTM+133:160723:101'
 LOC+11+BRSSZ:139:6:SANTOS'
 DTM+132:160801:101'

NAD+NI+30500246840+SAME AS CONSIGNEE'
NAD+FW+12700228831+A COMPANY A/S:PLANTA 2 MOD 4 TORRE 4:41015 SEVILLA'
NAD+FC+12700001525+C COMPANY A/S:PO BOX 270:41700 DOS HERMANAS'
NAD+CZ+12700001525+C COMPANY A/S:41700 DOS HER:MANAS (SEVILLA) SPAIN'
NAD+CN+30500246840+B COMPANCY A/S:13480-970 SAO PAULO BRASIL'
GID+1++2080::::CAIXAS'
TMD+3'
FTX+AAA+++2080 CAIXAS DE AZEITE DE OLIVA VIRGEM EXTRA'
MEA+AAE+G+KGM:21715,200'
MEA+AAE+ABJ+MTQ:0,0009'
RFF+AED:000611'
SGP+MSWU9003368+2080'
MEA+AAE+G+KGM:26285,200'
MEA+AAE+ABJ+MTQ:0,0009'
EQD+CN+MSWU9003368+45R1:102:5'
MEA+AAE+G+KGM:26285,200'
MEA+AAE+T+KGM:4570,000'
MEA+AAE+ABJ+MTQ:0,0009'
SEL+ES3642270+CA'
UNT+75+11700001'
UNZ+1+117'