

IFTMIN

MESSINA

Message Implementation Guide

EDIFACT D99B

User Guide

Version 2.0

1921



Ignazio Messina & C.

Ignazio Messina & C. S.p.A.

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I. Audience

This document is intended for business, technical and EDI personnel engaged in an established electronic connection with MESSINA LINE for the purpose of receiving EDIFACT IFTMIN D99B message upon completion of Bill of Lading insertion/change/deletion on MESSINA LINE's Computer System. The following sections provide information regarding General Conventions, Message Specifications and Sample Examples.

II. General

A. Implementation

Version 2.0 of the MESSINALINE IFTMIN D99B represents an EDI transaction format through which the Agent can receive/send and process an incoming/outgoing ITFMIN message containing information for B/Ls, Freight and Cargo Manifest.

Changes to Code values, Data elements or Segments must be discussed and approved by the Trading Partner and MESSINALINE.

The Segment/Element Attributes in this document are defined as: M = Mandatory C = Conditional

B. References

MESSINALINE will provide the Agent all references intended. Agents may request the reference list be augmented with additional reference types found in the MESSINALINE system. MESSINALINE will not replace any reference type, but it will add the reference types found in its system to this document based on the Agent's specific requirement.



III. IFTMIN Message Specification

Notes:

Introduction:

This is a message from/to MESSINALINE (the party providing services) to/from the Agent (the party who has completed entering details about Bill of Lading or Manifest details). The message contains the details and conditions under which the originator of the information of the messages has arranged and agreed the forwarding and/or transport service as entered on MESSINALINE system as such.

The element attributes in this document are defined as: M= Mandatory C= Conditional O= Optional

Pos	Tag	No	Name	S	R	Notes
0010	UNH		Message Header	M	1	
0020	BGM		Beginning Of Message	M	1	B/L, cargo man, freight man
0030	CTA		Contact information	C	1	not used
0040	COM		Communication contact	C	1	not used
0050	DTM		Date/time/period	C	9	
0060	TSR		Transport service requirements	C	1	not used
0070	FTX		Free text	C	99	Clauses, Special Clauses, Special cond
0110	DOC		Document/message details	M	1	
0130		Segment Group 1: LOC-DTM		C	99	
0140	LOC		Place/location identification	C	1	Issue Plce
0150	DTM		Date/time/period	C	9	Date of Issue
0190		Segment Group 3: RFF		M	1	
0200	RFF		Reference	M	2	B/L No., Bkng No., Master B/L (see BL)
0310		Segment Group 6: CPI LOC		C	9	
0320	CPI		Charge Payment Instructions	C	1	refers to the Bill of Lading, P / C
0350	LOC		Place/location identification	C	9	Place of Payment (at..)
0470		Segment Group 8: TDT		C	1	
0480	TDT		Details of Transport	C	1	Vessel name, Voy
0510		Segment Group 9: LOC DTM		C	99	
0520	LOC		Place/location identification	C	9	Loading, Tranship, Discharge
0530	DTM		Date/time/period	C	9	Date of departure, transship
0580		Segment Group 11: NAD		C	99	
0580	NAD		Name and address	M	1	Consignor, Forw, consignee, nf1 - 2
0900		Segment Group 18: GID TMP RNG TMD PIA FTX		C	999	
0910	GID		Goods item details	M	1	Item
0930	TMP		Temperature	C	1	
0940	RNG		Range details	C	1	
0950	TMD		Transport movement details	C	1	F/F, F/L, L/F. L/L
0960	PIA		Additional product id	C	9	Type of goods, Harm.code, Ms code
0990	FTX		Free text	C	999	Goods description (AAA), Marks (MKS), N° Parts (ZZZ)
1060		Segment Group 20: MEA		C	9	
1070	MEA		Measurements	C	9	Measure
1120		Segment Group 22		C	1	
1130	RFF		Reference	C	1	Item bkng
1150		Segment Group 23		C	999	



Pos	Tag	No	Name	S	R	Notes
1160	PCI		Package Identification	C	999	
1370		Segment Group 29		C	99	
1380	SGP		Split Goods placement	C	99	
1420		Segment Group 31: TCC-CUX- PRI-PCD-MOA-QTY-LOC		C	99	
1430	TCC		Transport Charge/Rate Calculations	M	1	
1440	CUX		CURRENCIES	C	1	
1450	PRI		Price details	C	1	
1470	PCD		Percentage details	C	1	
1480	MOA		Monetary amount	C	9	
1490	QTY		Quantity	C	9	
1500	LOC		Place / Location	C	1	Place of payment
1510		Segment Group 32 : DGS FTX		C	99	
1520	DGS		Dangerous goods	C	1	
1650		Segment Group 37: EQD TMD MEA SEL		C	999	
1660	EQD		Equipment details	M	1	Equipment Id
1680	TMD		Transport movement details	C	1	
1690	MEA		Measurements	C	9	Weight: Gross, Net, VGM
1700	DIM		Dimension	C	1	Extra length, width, high
1710	SEL		Seal number	C	9	
1740	TMP		Temperature setting	C	1	
1850		Segment Group 39 NAD DTM				
1860	NAD		Name and address	C	1	VGM responsible
2000	UNT		Message trailer	M	1	


Segment: UNB Interchange Header
Purpose: To start, identify and specify an interchange

Tag	No	ELT	Name	S	R	Length	Value
UNB			Interchange Header	M	1		
	010	S001	Syntax Identifier	M			
		1 0001	Syntax Identifier	M		a4	"UNOA"
		2 0002	Syntax Version Number	M		n1	"3"
	020	S002	Interchange Sender	M			
		1 0004	Sender Identification	M		an..35	"LMC"
		2 0007	Partner Identification Code Qualifier	C		an..4	not used
		3 0008	Address For Reverse Routing	C		an..14	not used
	030	S003	Interchange Recipient	M			
		1 0010	Recipient Identification	C		an..35	Recipient Identification
		2 0007	Partner Identification Code Qualifier	C		an..4	"14"
		3 0014	Routing Address	C		an..14	not used
	040	S004	Date/Time Of Preparation	M			
		1 0017	Date	M		n6	yymmdd
		2 0019	Time	M		n4	hhmm
	050	0020	Interchange Control Reference	M		an..14	Interchange Control Reference
	060	S005	Recipients Reference, Password	C			not used
		1 0022	Recipient'S Reference/Password	M		an..14	
		2 0025	Recipient'S Reference/Password Qualifier	C		an2	
	070	0026	Application Reference	C		an..14	not used
	080	0029	Processing Priority Code	C		a1	not used
	090	0031	Acknowledgement Request	C		n1	not used
	100	0032	Communications Agreement Id	C		an..35	not used
	110	0035	Test Indicator	C		n1	not used

Sample Segment

UNB+UNOA:3+LMC+LMCBEANR:14+150401:0850+1402276'

**Segment:****UNH** Message Header**Purpose:**

A service segment starting and uniquely identifying a message.

The message type code for the Application error and acknowledgement message is APERAK.

Note:

Application error and acknowledgement messages conforming

to this document must contain the following data in segment UNH, composite S009:

Data element 0065 APERAK 0052 D 0054 99B 0051 UN

Pos	Tag	No	ELT	Name	S	R	Length	Value
0010	UNH			Message Header	M	1		
		010	0062	Interchange Control No	M		an..14	Interchange Control No
		020	5009	Message Identifier	M			
		1	0065	Message Id	M		an..6	IFTMIN"
		2	0052	Message Version Number	M		an..3	"D"
		3	0054	Message Release Number	M		an..3	"99B"
		4	0051	Controlling Agency	M		an..2	"UN"
		5	0057	Controlling Agency Coded	C		an..6	"ITG14"
		030	0068	Common Acces Reference	C		an..35	not used
		040	5010	Status Of The Transfer	C			not used
		1	0070	Sequence Of Transfers	M		an..2	not used
		2	0073	First And Last Transfer	C		an..1	not used

Sample Segment

UNH+1402276001+IFTMBF:D:99B:UN:ITG14'

**Segment:****BGM** Beginning of Message**Purpose:**

A segment to indicate the type and function of the message and to transmit the identifying number.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0020	BGM			Beginning Of Message	M	1		
		010	C002	Document/Message Name	C			
		1	1001	Document/Message Name,Coded	C		an..3	"340" : Shipping Instructions "785" : Cargo Manifest "786" : Freight Manifest "705" : Bill of Lading "710" : Sea Waybill
		2	1131	Code List Qualifier	C		an..3	not used
		3	3055	Code List Responsible Agency,Coded	C		an..3	not used
		4	1000	Document/Message Name	C		an..35	Shipping Instructions Cargo Manifest Freight Manifest Bill of Lading Sea Waybill
		020	1004	Document/Message Number	C		an..35	Document/Message Number (Messina Bill Of Lading Number)
		030	1225	Message Function,Coded	C		an..3	"9":original "1":cancellation(cancel whole message) "4":update(message contains updates) "5":replaces whole previous message
		1	1001	Document/Message Name,Coded	C		an..3	"335" or "MBF" : Booking request
		2	1131	Code List Qualifier	C		an..3	not used
		3	3055	Code List Responsible Agency,Coded	C		an..3	not used
		4	1000	Document/Message Name	C		an..35	"BOOKING REQUEST"

Sample Segment

BGM+786::: Freight Manifest+15084PTLISXXALL1500002276+9'
 BGM+785::: Cargo Manifest+15084PTLISXXALL1500002276+9'
 BGM+705::: Bill of Lading+ SE500442+9'

**Segment:****DTM** Date/Time/Period**Purpose:**

A segment to indicate a date and time applying to the whole message, e.g., date and time of document issue.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0030	DTM			Date/time/period	C	9		
		010	C507	DATE/TIME/PERIOD	M			
		1	2005	Date/time/period qualifier	M		an..3	"137" : Message effective date/time
		2	2380	Date/time/period	C		an..35	The value of the date, date/time or period in the specified format representation
		3	2379	Date/time/period format qualifier	C		an..3	"203" : CCYYMMDDHHMM

Sample Segment

DTM+137:201409081550:203'

**Segment:****FTX** Free Text**Purpose:**

A segment to specify free form or formatted supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information

Pos	Tag	No		ELT	Name	S	R	Length	Value
0080	FTX				Free text	C	99		
		010	1	4451	Text subject qualifier	M	1	an..3	"BLC" Bill of Lading Clause "ZZZ" Mutually defined (see elem. 4441 below) "AAI" General Information
		020	1	4453	Text function, coded	C	1	an..3	not used
		030		C107	TEXT REFERENCE	C	1		
			1	4441	Free text, coded	M		an..3	"SC" : Special Clauses "SP" : Special Provisions
			2	1131	Code list qualifier	C		an..3	not used
			3	3055	Code list responsible agency, coded	C		an..3	not used
		040		C108	TEXT LITERAL	C	1		Free text; one to five lines.
			1	4440	Free text	M		an..70	Free form text.
			2	4440	Free text	C		an..70	Free form text.
			3	4440	Free text	C		an..70	Free form text.
			4	4440	Free text	C		an..70	Free form text.
			5	4440	Free text	C		an..70	Free form text.
		050	1	3453	Language, coded	C	1	an..3	not used

Sample Segment

```
FTX+BLC+++RECEIVERS ENJOY 7 DAYS FREE TIME FROM DATE OF UNLOADING FROM:VESSEL. THEREAFTER THEY ARE SUBJECT TO
FOLLOWING:DEMURRAGES/DETENTIONS FEES?:STANDARD CONTAINERS?:USD 30.00/DAY/TEU'
FTX+BLC+++MINIMUM DEPOSIT?:USD 1000/TEU:--SPECIAL EQUIPMENT?:USD 50.00/DAY/TEU:MINIMUM DEPOSIT?:USD 3000/TEU'
FTX+BLC+++OVERBORDER DESTINATIOS FREE TIME 14 DAYS'
FTX+ZZZ++SP+A B'
FTX+ZZZ++SC+2 10'
```

**Segment:****DOC** Document/Message details**Purpose:**

A segment to identify a document required of, by or for the party

Pos	Tag	No	ELT	Name	S	R	Length	Value
0110	DOC			Document/message details	M	1		
		010	C002	DOCUMENT/MESSAGE NAME	C			
		1	1001	Document/Message Name, Coded	C		an..3	"785" Cargo Manifest "786" Freight Manifest "705" Bill of Lading "710" Sea Waybill "712" Service Bill of Lading
		2	1131	Code List Qualifier	C		an..3	not used
		3	3055	Code List Responsible Agency, Coded	C		an..3	not used
		4	1000	Document name	C		an..35	not used
		020	C503	DOCUMENT/MESSAGE DETAILS	C	1		
			1004	Document/Message Number	C		an..35	Messina Bill Of Lading Number
			1373	Document status code	C		an..3	not used
			1366	Document/Message source	C		an..70	not used
			3453	Language name code	C		an..3	not used
			1056	Version	C		an..9	not used
			1060	Revision Number	C		an..6	not used
		030	3152	Communication medium type code	C		an..3	not used
		040	1220	Number of Copies of document required	C		n..2	
		050	1218	Number of Originals of document required	C		n..2	

Sample Segments

DOC+705+G0506804++2+3'

**Segment:****LOC** Segment Group 1: Place/Location Identification**Purpose:**

A group of segments to specify a location and date/time related to this leg of transport

Pos	Tag	No	ELT	Name	S	R	Length	Value
0080	LOC			Place/location identification	C	1		
		010	1	3227 Place/location qualifier	M	1	an..3	"73" : Bill of Lading release Office (BL)
		020		C517 LOCATION IDENTIFICATION	C	1		
			1	3225 Place/location identification	C		an..25	UN/LOCODE identifier
			2	1131 Code list qualifier	C		an..3	Not used
			3	3055 Code list responsible agency, coded	C		an..3	Not used
			4	3224 Place/location	C		an..17	
		030		C519 RELATED LOCATION ONE IDENTIFICATION	C	1		not used
			1	3223 Related place/location one identification	C		an..25	
			2	1131 Code list qualifier	C		an..3	
			3	3055 Code list responsible agency, coded	C		an..3	
			4	3222 Related place/location one	C		an..70	
		040		C553 RELATED LOCATION TWO IDENTIFICATION	C	1		not used
			1	3233 Related place/location two identification	C		an..25	
			2	1131 Code list qualifier	C		an..3	
			3	3055 Code list responsible agency, coded	C		an..3	
			4	3232 Related place/location two	C		an..70	
		050	1	5479 Relation, coded	C	1	an..3	not used

Sample Segment

LOC+73+ITGOA:::GENOA'


Segment: **DTM** Segment Group 1: Date/Time/Period

Purpose: A segment to indicate a date and time applying to the the document issuance, whether Bill of Lading or Manifest, e.g., date shown on document.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0090	DTM			Date/time/period	C	9		
		010	C507	DATE/TIME/PERIOD	M			
		1	2005	Date/time/period qualifier	M		an..3	"182" : Bill of Lading Issue Date
		2	2380	Date/time/period	C		an..35	The value of the date, date/time or period in the specified format representation
		3	2379	Date/time/period format qualifier	C		an..3	"102" : CCYYMMDD

Sample Segment

DTM+182:20150520:102


Segment: **RFF** Segment Group 3: Reference

Purpose: A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc..

Pos	Tag	No	ELT	Name	S	R	Length	Value
0180	RFF			Reference	C	99		
		010	C506	REFERENCE	M	1		
		1	1153	Reference function code qualifier	M		an..3	"BM" Bill of Lading Number "BN" Booking reference number "MB" Master BL (see BL)
		2	1154	Reference number	C		an..35	Identifies the reference -Messina B/L Number when 1153 = BM -Messina Booking Number when 1153 = "BN" -See BL Number Number when 1153 = "MB"
		3	1156	Line number	C		an..6	not used
		4	4000	Reference version number	C		an..35	not used

Sample Segments

RFF+BM:G0506804'
RFF+BN:0140338574'



Segment: **CPI** Segment Group 6: Charge Payment Instructions

Purpose: A segment to describe the B/L payment mode.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0310	CPI			Charge Payment Instructions	C	1		refers to the Bill of Lading
		010	C229	CHARGE CATEGORY	C	1		
		1	5237	Charge category code	C		an..3	1 All charges 4 Basic freight 5 Destination haulage charges 6 Disbursement 7 Destination port charges 8 Miscellaneous charges 10 Origin port charges 11 Origin haulage charges 12 Other charges
		2	1131	Code list identification code	C		an..3	Not used
		3	3055	Code list responsible agency code	C		an..3	Not used
		020	C231	METHOD OF PAYMENT	C	1		Not used
		1	4215	Transport charges payment method code	C		an..3	not used
		2	1131	Code list identification code	C		an..3	not used
		3	3055	Code list responsible agency code	C		an..3	Not used
		030	4237	Prepaid/Collect indicator, coded	C	1	an..3	"C" : Collect "P" : Prepaid "A" : Payable elsewhere (requires LOC segment)

Sample Segment

CPI+4++P'

**Segment:****LOC** Segment Group 6: Place/Location Identification**Purpose:**

A segment to specify location and date/time related to the payment

Pos	Tag	No		ELT	Name	S	R	Length	Value
0080	LOC				Place/location identification	C	1		Depends on CPI:4237 = "A"
		010	1	3227	Place/location qualifier	M	1	an..3	"57" : Payment place
		020		C517	LOCATION IDENTIFICATION	C	1		
			1	3225	Place/location identification	C		an..25	UN/LOCODE identifier
			2	1131	Code list qualifier	C		an..3	Not used
			3	3055	Code list responsible agency, coded	C		an..3	Not used
			4	3224	Place/location	C		an..17	
		030		C519	RELATED LOCATION ONE IDENTIFICATION	C	1		not used
			1	3223	Related place/location one identification	C		an..25	
			2	1131	Code list qualifier	C		an..3	
			3	3055	Code list responsible agency, coded	C		an..3	
			4	3222	Related place/location one	C		an..70	
		040		C553	RELATED LOCATION TWO IDENTIFICATION	C	1		not used
			1	3233	Related place/location two identification	C		an..25	
			2	1131	Code list qualifier	C		an..3	
			3	3055	Code list responsible agency, coded	C		an..3	
			4	3232	Related place/location two	C		an..70	
		050	1	5479	Relation, coded	C	1	an..3	not used

Sample Segment

LOC+57+GBLON:::LONDON'

**Segment:****TDT Segment Group 8: Details of Transport****Purpose:**

A group of segments to indicate details of the movement of goods such as mode and means of transport, locations

Pos	Tag	No		ELT	Name	S	R	Length	Value
0370	TDT				Details of transport	M	1		
		010	1	8051	Transport stage qualifier	M	1	an..3	"20" : Main carriage transport
		020	1	8028	Conveyance reference number	C	1	an..17	Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term) -- Voyage Number (aannn)
		030		C220	MODE OF TRANSPORT	C	1		
			1	8067	Mode of transport, coded	C		an..3	"1" : Maritime transport
			2	8066	Mode of transport	C		an..17	not used
		040		C228	TRANSPORT MEANS	C	1		
			1	8179	Type of means of transport identification	C		an..8	"13": Ocean vessel
			2	8178	Type of means of transport	C		an..17	not used
		050		C040	CARRIER	C	1		Not used
			1	3127	Carrier identification	C		an..17	
			2	1131	Code list qualifier	C		an..3	
			3	3055	Code list responsible agency, coded	C		an..3	
			4	3128	Carrier name	C		an..35	not used
		060	1	8101	Transit direction, coded	C	1	an..3	not used
		070		C401	EXCESS TRANSPORTATION INFORMATION	C	1		not used
			1	8457	Excess transportation reason, coded	M		an..3	
			2	8459	Excess transportation responsibility, coded	M		an..3	
			3	7130	Customer authorization number	C		an..17	
		080		C222	TRANSPORT IDENTIFICATION	C	1		
			1	8213	Id. of means of transport identification	C		an..9	Code and/or name identifying the means of transport Vessel IMO code
			2	1131	Code list qualifier	C		an..3	"103" Vessel IMO Code Directory
			3	3055	Code list responsible agency, coded	C		an..3	not used
			4	8212	Id. of the means of transport	C		an..35	Vessel Name
			5	8453	Nationality of means of transport, coded	C		an..3	not used
		090	1	8281	Transport ownership, coded	C	1	an..3	not used

Sample Segment

TDT+20+16314+1+13++++IBGX:103::JOLLY TITANIO'

**Segment:****LOC** Segment Group 9: Place/Location Identification**Purpose:**

A group of segments to specify a location and date/time related to this leg of transport.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0520	LOC			Place/location identification	C	9		
		010	1	3227 Place/location qualifier	M	1	an..3	"7" : Place of delivery "8" : Place of destination "9" : Place/port of loading "10" : Place of acceptance "12" : Port of discharge "13" : Place of Transhipment
		020		C517 LOCATION IDENTIFICATION	C	1		
			1	3225 Place/location identification	C		an..25	UN/LOCODE identifier
			2	1131 Code list qualifier	C		an..3	Not used
			3	3055 Code list responsible agency, coded	C		an..3	Not used
			4	3224 Place/location	C		an..70	
		030		C519 RELATED LOCATION ONE IDENTIFICATION	C	1		not used
			1	3223 Related place/location one identification	C		an..25	
			2	1131 Code list qualifier	C		an..3	
			3	3055 Code list responsible agency, coded	C		an..3	
			4	3222 Related place/location one	C		an..70	
		040		C553 RELATED LOCATION TWO IDENTIFICATION	C	1		not used
			1	3233 Related place/location two identification	C		an..25	
			2	1131 Code list qualifier	C		an..3	
			3	3055 Code list responsible agency, coded	C		an..3	
			4	3232 Related place/location two	C		an..70	
		050	1	5479 Relation, coded	C	1	an..3	not used

Sample Segment

LOC+9+ESBCN:::BARCELONA
 LOC+13+ITGOA:::GENPA'
 LOC+12+IRBND:::BANDAR ABBAS, PERSIAN GULF I.R. OF IRAN'


Segment: DTM Segment Group 9: Date/Time/Period

Purpose: A segment to indicate a date and time applying to the whole message,
e.g., date and time of arrival or sailing.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0030	DTM			Date/time/period	C	9		
		010	C507	DATE/TIME/PERIOD	M			Date and/or time, or period relevant to the specified date/time/period type.
			1	2005 Date/time/period qualifier	M		an..3	"133" : Departure date/time, actual
			2	2380 Date/time/period	C		an..35	The value of the date, date/time or period in the specified format representation
			3	2379 Date/time/period format qualifier	C		an..3	"102" : CCYYMMDD

Sample Segment

DTM+186:20150421:102'

**Segment:****NAD** Segment Group 11: Name and address**Purpose:**

A segment to identify the parties' name, address and function.

Pos	Tag	No		ELT	Name	S	R	Length	Value
0580	NAD				Name and address	M	1		
		010	1	3035	Party qualifier	M	1	an..3	"CN" : Consignee "CZ" : Consignor "FW" : Freight forwarder "N1" : Notify party no. 1 "N2" : Notify party no. 2
		020		C082	PARTY IDENTIFICATION DETAILS	C	1		
			1	3039	Party id. identification	M		an..35	Code specifying the identity of a party.
			2	1131	Code list qualifier	C		an..3	160 : Party identification
			3	3055	Code list responsible agency, coded	C		an..3	87 : Assigned by carrier
		030		C058	NAME AND ADDRESS	C	1		not used
			1	3124	Name and address line	M		an..35	
			2	3124	Name and address line	C		an..35	
			3	3124	Name and address line	C		an..35	
			4	3124	Name and address line	C		an..35	
			5	3124	Name and address line	C		an..35	
		040		C080	PARTY NAME	C	1		Identification of a transaction party by name, one to five lines. Party name may be formatted.
			1	3036	Party name	M		an..35	
			2	3036	Party name	C		an..35	
			3	3036	Party name	C		an..35	
			4	3036	Party name	C		an..35	
			5	3036	Party name	C		an..35	
			6	3045	Party name format, coded	C		an..3	
		050		C059	STREET	C	1		Street address and/or PO Box number in a structured address: one to four lines.
			1	3042	Street and number/p.o. box	M		an..35	
			2	3042	Street and number/p.o. box	C		an..35	
			3	3042	Street and number/p.o. box	C		an..35	
		060	1	3164	City name	C	1	an..35	
		070	1	3229	Country sub-entity identification	C	1	an..9	
		080	1	3251	Postcode identification	C	1	an..9	
		090	1	3207	Country, coded	C	1	an..3	

Sample Segment

NAD+CZ+THERMOCAR/GE+THERMOCAR S.R.L.:VIALE AFRICA SNC:16149 GENOVA-PORTO:ITALY'

NAD+CN+VARI MAPUTO+CONTRU ES J.J.R. ?& FILHOS:MOCAMBIQUE LDA.:RUA DAS PALMEIRAS NR. 49:SOMMERSHIELD 2:MOZ AMBIQUE, MAPUTO CIDADE'

NAD+N1++SAME AS CONSIGNEE'

**Segment:****GID** Segment Group 18: Goods Item Details**Purpose:**

A segment to identify a goods item for which transport is undertaken.

A goods item can be identified by up to three levels of packaging.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0910	GID			Goods item details	C	1	n..5	
		010	1	1496	Goods item number	C	1	Equipment reference order within document (1,2,3,...etc)
		020		C213	NUMBER AND TYPE OF PACKAGES	C		Number and type of individual parts of a shipment.
			1	7224	Number of packages	C		ex.: The Actual Number of Pallets
			2	7065	Type of packages identification	C	an..17	Package type description code CNTR Container CAR RORO Industrial Vehicule TRAI Trailer MAFI PKGS PALLET BA Barrel BD Board BE Bundles BG Bags BL Bales BX Boxes CR Crate CS Case CT Carton DR Drum EC End Caps PC Pieces PG Plate PK Package RO Rolls TR Trunk
			3	1131	Code list qualifier	C		not used
			4	3055	Code list responsible agency, coded	C		not used
			5	7064	Type of packages	C		not used
			6	7233				Not used
		030		C213	NUMBER AND TYPE OF PACKAGES	C	1	Not used
			1	7224	Number of packages	C	n..8	
			2	7065	Type of packages identification	C	an..17	
			3	1131	Code list qualifier	C	an..3	
			4	3055	Code list responsible agency, coded	C	an..3	
			5	7064	Type of packages	C	an..35	
		040		C213	NUMBER AND TYPE OF PACKAGES	C	1	not used

Sample Segment

GID+1+1:CNTR'



Segment: **TMP** Segment Group 18: Temperature setting

Purpose: A segment to specify a temperature setting for a goods item.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0930	TMP			Transport movement details	C	1		
		010	6245	TEMPERATURE QUALIFIER	M	1	an..1	5 - Transport control temperature
		020	C239	TEMPERATURE SETTING				
			1	6246 Temperature setting	C		n..3	
			2	6411 Measurement Unit Code	C		an..3	

Sample Segment

TMP+5+--5'

**Segment:****RNG Segment Group 18: Range Temperature setting****Purpose:**

A segment to specify a range temperature setting for a goods item.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0940	RNG			Range Details	C	1		
		010	6167	RANGE TYPE QUALIFIER	M	1	an..3	12 - Transport temperature range
		020	C280	RANGE				
			1	6411 Measurement Unit Code	C		an..3	
			2	6162 Range Minimum	C		an..18	
			3	6152 Range maximumo	C		an..18	

Sample Segment

RNG+12++-5+5''



Segment: **TMD** Segment Group 18: Transport movement details

Purpose: A segment to specify transport movement details for a goods item.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0950	TMD			Transport movement details	C	1		
		010	C219	MOVEMENT TYPE	M	1		Operational transport movement details
		1	8335	Movement type description code	C		an..3	1 : Breakbulk 2 : LCL/LCL 3 : FCL/FCL 4 : FCL/LCL 5 : LCL/FCL
		2	8334	Movement type description	C		an..35	Breakbulk LCL/LCL FCL/FCL FCL/LCL LCL/FCL
		020	8332	Equipment plan	C	1	an..26	not used
		030	8341	Haulage arrangements, coded	C	1	an..3	not used

Sample Segment

TMD+3:FCL/FCL'



Segment: **PIA** Segment Group 18: Additional Product ID

Purpose: A segment to identify the nature of the goods for which transport is undertaken.

Pos	Tag	No		ELT	Name	S	R	Length	Value
0960	PIA				Additional product id	C	9		
		010	1	4347	Product id. function qualifier	M	1	an..3	Indication of the function of product code: "5" : Product Identification
		020		C212	ITEM NUMBER IDENTIFICATION	M	1		Goods identification for a specified source.
			1	7140	Item number	C		an..35	Commodity code
			2	7143	Item number type, coded	C		an..3	"HS" : Harmonized System "ZZZ" : Messina System
			3	1131	Code list qualifier	C		an..3	not used
			4	3055	Code list responsible agency, coded	C		an..3	not used
		030		C212	ITEM NUMBER IDENTIFICATION	C	1		not used
			1	7140	Item number	C		an..35	
			2	7143	Item number type, coded	C		an..3	
			3	1131	Code list qualifier	C		an..3	
			4	3055	Code list responsible agency, coded	C		an..3	
		040		C212	ITEM NUMBER IDENTIFICATION	C	1		not used
			1	7140	Item number	C		an..35	
			2	7143	Item number type, coded	C		an..3	
			3	1131	Code list qualifier	C		an..3	
			4	3055	Code list responsible agency, coded	C		an..3	
		050		C212	ITEM NUMBER IDENTIFICATION	C	1		not used
			1	7140	Item number	C		an..35	
			2	7143	Item number type, coded	C		an..3	
			3	1131	Code list qualifier	C		an..3	
			4	3055	Code list responsible agency, coded	C		an..3	
		060		C212	ITEM NUMBER IDENTIFICATION	C	1		not used
			1	7140	Item number	C		an..35	
			2	7143	Item number type, coded	C		an..3	
			3	1131	Code list qualifier	C		an..3	
			4	3055	Code list responsible agency, coded	C		an..3	

Sample Segment

PIA+5+870400:HS+01040:ZZZ'


Segment: **FTX** Segment Group 18: Free Text

Purpose: A segment to specify free form or formatted supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information

Pos	Tag	No		ELT	Name	S	R	Length	Value
0990	FTX				Free text	C	9		
		010	1	4451	Text subject qualifier	M	1	an..3	Code specifying the subject of the text. AAA : Description of Goods MKS: Marks ZZZ : No. Parts
		020	1	4453	Text function, coded	C	1	an..3	not used
		030		C107	TEXT REFERENCE	C	1		not used
			1	4441	Free text, coded	M		an..17	
			2	1131	Code list qualifier	C		an..3	
			3	3055	Code list responsible agency, coded	C		an..3	
		040		C108	TEXT LITERAL	C	1		Free Text , one to five lines
			1	4440	Free text	M		an..70	Free form text
			2	4440	Free text	C		an..70	
			3	4440	Free text	C		an..70	
			4	4440	Free text	C		an..70	
			5	4440	Free text	C		an..70	
		050	1	3453	Language, coded	C	1	an..3	not used

Sample Segment

```
FTX+AAA+++2 x Ind.Vehicle(S) 7500 KG 700x250x380 EACH?:'
FTX+AAA+++3 VOLS:COMPONENTES E ACESSORIOS AUTO:16 VOLS:COMPONENTES E ACESSORIOS AUTO:20 VOLS'
FTX+AAA+++COLETES, CALCAS, CAMISOLAS E:FATOS MACACO:146 VOLS:COMPONENTES E ACESSORIOS AUTO'
FTX+MKS+++SEALED BY SHIPPER
```



Segment: **MEA** Segment Group 20: Measurements

Purpose: A segment to specify measurements, other than dimensions, applicable to a goods item.

Pos	Tag	No		ELT	Name	S	R	Length	Value
0860	MEA				Measurements	C	9		
		010	1	6311	Measurement application qualifier	M	1	an..3	"AAE" : Measurement
		020		C502	MEASUREMENT DETAILS	C	1		
			1	6313	Measurement dimension, coded	C		an..3	"T" : Tare Weight "N" : Net Weight excluding container tare "G" : Gross weight (Containerized)
			2	6321	Measurement significance, coded	C		an..3	not used
			3	6155	Measurement attribute, coded	C		an..3	not used
			4	6154	Measurement attribute	C		an..70	not used
		030		C174	VALUE/RANGE	C	1		
			1	6411	Measure unit qualifier	M		an..3	"KGM" : Kilograms "MTQ" : Cubic Meters "MT" : Linear Meters
			2	6314	Measurement value	C		n..14.3	Value of the measured unit. With decimal dot and 3 decimal digits
			3	6162	Range minimum	C		n..18	not used
			4	6152	Range maximum	C		n..18	not used
		040	1	7383	Surface/layer indicator, coded	C	1	an..3	not used

Sample Segments

MEA+AAE+T+KGM:2500.000'
MEA+AAE+N+KGM:12000.000'



Segment: **RFF** Segment Group 22: Reference

Purpose: A segment to identify item booking reference.

Pos	Tag	No	ELT	Name	S	R	Length	Value
1170	RFF			Reference	C	99		
		010	C506	REFERENCE	M	1		
		1	1153	Reference function code qualifier	M		an..3	"BN" Item Booking number
		2	1154	Reference number	C		an..35	Booking Number
		3	1156	Line number	C		an..6	not used
		4	4000	Reference version number	C		an..35	not used

Sample Segments

RFF+BN:0160023456'

**Segment:****SGP** Segment Group 29: Split goods placement**Purpose:**

A segment to identify the equipment in which goods are transported.

Pos	Tag	No	ELT	Name	S	R	Length	Value
1380	SGP			Split Goods Placement	C	9		
		010	C237	EQUIPMENT IDENTIFICATION	M	1		
		1	8260	Equipment identification number	C		an..17	Equipment identification number
		2	1131	Code list qualifier	C		an..3	not used
		3	3055	Code list responsible agency, coded	C		an..3	not used
		4	3207	Code list qualifier	C		an..3	not used
		020	7224	Number of Packages	C	1	n..8	Number of packages within the specified Equipment

Sample Segments

SGP+LMCU9006180+1'
SGP+CXDU2250102+1'

**Segment:****TCC Segment Group 31: Transport Charge / Rate Calculations****Purpose:**

A segment to specify charge associated with the goods item..

Pos	Tag	No	ELT	Name	S	R	Length	Value
0270	TCC			Transport Charge/Rate Calculations	M	1		
		010	C200	CHARGE	M	1		
		1	8023	Freight and charges identification	C		an..17	Charge Code
		2	1131	Code list identification code	C		an..3	not used
		3	3055	Code list responsible agency code	C		an..3	not used
		4	8022	Freight and charges identification	C		an..26	Charge description
		5	4237	Prepaid/collect indicator, coded	C		an..3	C = Collect P = Prepaid A = Elsewhere
		6	7140	Item Number	C		an..35	not used
		020	C203	RATE/TARIFF CLASS	C	1		not used
		1	5423	Freight and charges identification	C		an..9	
		2	1131	Code list identification code	C		an..3	
		3	3055	Code list responsible agency code	C		an..3	
		4	5242	Rate Tariff/class	C		an..35	
		5	5275	Supplementary rate/tariff basis identification	C		an..6	
		6	1131	Code list identification code	C		an..3	
		7	3055	Code list responsible agency code	C		an..3	
		8	5275	Supplementary rate/tariff basis identification	C		an..6	
		9	1131	Code list identification code	C		an..3	
		10	3055	Code list responsible agency code	C		an..3	
		030	C528	COMMODITY/RATE DETAIL	C	1		
		1	7357	Commodity/rate identification	C		an..18	Rate basis code % PERCENTAGE W CALCULATION ON WEIGHT BASIS C CUBIC METERS M LINEAR METERS N CALCULATION ON NUMBER BASIS U PAYING UNIT I ALL INCLUSIVE L LUMPSUM V 20" UNIT FULL BASED Q 40" UNIT FULL BASED F 20" MAFI UNIT G 40" MAFI UNIT
		2	1131	Code list identification code	C		an..3	not used
		3	3055	Code list responsible agency code	C		an..3	not used
		040	C554	RATE/TARIFF CLASS DETAIL	C	1		
		1	5243	Rate/tariff class identification	C		an..9	
		2	1131	Code list identification code	C		an..3	
		3	3055	Code list responsible agency code	C		an..3	

Sample Segment

TCC+SF:::FREIGHT:P++I'
TCC+THC:::TERMINAL CHARGES:P++I'



Segment: **CUX** Segment Group 31: Currencies

Purpose: A segment to specify the currencies applied to given charge

Pos	Tag	No	ELT	Name	S	R	Length	Value
0300	CUX			CURRENCIES	C	1		
		010	C504	Currency details	M	1		
		1	6347	Currency details qualifier	M		an..3	"1" : Charge payment currency (The currency in which charges are to be paid.)
		2	6345	Currency identification code	C		an..3	"EUR" - "USD" - etc etc per ISO 4217 code list
		3	6343	Currency qualifier	C		an..3	Not used
		4	6348	Currency rate base	C		n..4	Not used
		020	C504	Currency details	M	1		Not used
		1	6347	Currency details qualifier	M		an..3	
		2	6345	Currency identification code	C		an..3	
		3	6343	Currency qualifier	C		an..3	
		4	6348	Currency rate base	C		n..4	
		030	5402	Rate of exchange	C	1	n..12	not used
		040	6341	Exchange rate currency market identifier	C	1	an..3	not used

Sample Segment

CUX+1:EUR'



Segment: **PRI** Segment Group 31: Price Details

Purpose: A segment to specify the rate applied to given charge calculation

Pos	Tag	No	ELT	Name	S	R	Length	Value	
0310	PRI			Price details	C	1			
		010	C509	PRICE INFORMATION	C	1			
		1	5125	Price qualifier	M		an..3	"CAL" : Calculation price The price stated is the rate for the calculation of the line item amount	
		2	5118	Price	C		n..11.3	Rate with dot as decimal sign and 3 decimal digits	
		3	5375	Price type, coded	C		an..3	"PU" : Specified unit (self explanatory)	
		4	5387	Price specification code	C		an..3	not used	
		5	5284	Unit price basis	C		n..9	not used	
		1	6411	Measurement unit code	M		an..3	not used	
		020	2	5213	Sub-line price change, coded	C	1	an..3	not used

Sample Segment

PRI+CAL:170.000:PE'


Segment: **PCD** Segment Group 31: Percentage Details

Purpose: A segment to specify the percentage rate applied to given charge calculation

Pos	Tag	No	ELT	Name	S	R	Length	Value
0330	PCD			Percentage details	C	1		
		010	C501	PERCENTAGE DETAILS	C	1		
		1	5245	Percentage type code qualifier	M		an..3	"8" : Reduction/surcharge percentage (Percentage to calculate a reduction/surcharge)
		2	5482	Percentage	C		an..10	percentage amount with dot as decimal sign and 3 decimal digits
		3	5249	Percentage basis identification code	C		an..3	not used
		4	1131	Code list identification code	C		an..3	not used
		5	3055	Code list responsible agency code	C		an..3	not used

Sample Segment

 PCD+8:2.500'
 PCD+8:10.000'



Segment: **MOA** Segment Group 31: Monetary Amount

Purpose: A segment to specify the total amount calculated for given charge.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0340	MOA			Monetary amount	C	9		
		010	C516	MONETARY AMOUNT	C	1		
			1	5025 Monetary amount type, coded	M		an..3	"64" : Freight charge
			2	5004 Monetary amount value	C		n..35	Total charge amount with dot as decimal sign and 2 decimal digits
			3	6345 Currency identification code	C		an..3	"EUR" - "USD" etc etc per ISO 4217 code list
			4	6343 Currency qualifier	C		an..3	not used
			5	4405 Status description code	C		an..3	not used

Sample Segment

MOA+64:170.00:EUR'
MOA+64:20.00:EUR'

**Segment:****QTY** Segment Group 31: Quantity**Purpose:**

A segment to specify quantities and nature of- used in given charge calculation.

Pos	Tag	No	ELT	Name	S	R	Length	Value
0350	QTY			Quantity	C	9		
		010	C186	Quantity details	M	1		
		1	6063	Quantity type code qualifier	M		an..3	"100" : Chargeable weight "107" : Chargeable number of units "110" : Chargeable volume
		2	6060	Quantity	M		an..35	Actual quantity with dot as decimal sign and 3 decimal digits
		3	6411	Measurement unit code	C		an..3	

Sample Segment

QTY+107:1.000'

QTY+110:41.454:MTQ'

**Segment:****LOC** Segment Group 31: Place/Location Identification**Purpose:**

A group of segments to specify a location where charge will be paid

Pos	Tag	No	ELT	Name	S	R	Length	Value
0160	LOC			Place/location identification	M	1		
		010	1	3227 Place/location qualifier	M	1	an..3	"57" : Place of Payment
		020		C517 LOCATION IDENTIFICATION	C	1		
			1	3225 Place/location identification	C		an..25	UN/LOCODE identifier
			2	1131 Code list qualifier	C		an..3	not used
			3	3055 Code list responsible agency, coded	C		an..3	not used
			4	3224 Place/location	C		an..70	not used
		030		C519 RELATED LOCATION ONE IDENTIFICATION	C	1		not used
			1	3223 Related place/location one identification	C		an..25	
			2	1131 Code list qualifier	C		an..3	
			3	3055 Code list responsible agency, coded	C		an..3	
			4	3222 Related place/location one	C		an..70	
		040		C553 RELATED LOCATION TWO IDENTIFICATION	C	1		not used
			1	3233 Related place/location two identification	C		an..25	
			2	1131 Code list qualifier	C		an..3	
			3	3055 Code list responsible agency, coded	C		an..3	
			4	3232 Related place/location two	C		an..70	
		050	1	5479 Relation, coded	C	1	an..3	not used

Sample Segment

LOC+57+KEMBA'

**Segment:****DGS Segment Group 32: Dangerous goods****Purpose:**

A group of segments to specify dangerous goods details related to the goods item.
One goods item may be in different dangerous goods classes

Pos	Tag	No	ELT	Name	S	R	Length	Value	
1130	DGS			Dangerous goods	M	1			
		010	1	8273	Dangerous goods regulations, coded	C	1	an..3	"IMD":IMO IMDG code
		020		C205	HAZARD CODE	C	1		
			1	8351	Hazard code identification	M		an..7	imdg code
			2	8078	Hazard substance/item/page number	C		an..7	Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation
			3	8092	Hazard code version number	C		an..10	The version/revision number of date of issuance of the code used.
		030		C234	UNDG INFORMATION	C	1		Information on dangerous goods, taken from the United Nations Dangerous Goods classification.
			1	7124	UNDG number	M		n4	Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.
			2	7088	Dangerous goods flashpoint	C		an..8	Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air
		040		C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	C	1		Temperature at which a vapor can be ignited as per ISO 1523/73.
			1	7106	Shipment flashpoint	C		n3	Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited.
			2	6411	Measure unit qualifier	C		an..3	Code specifying the unit of measurement.
		050	1	8339	Packing group, coded	C	1	an..3	Identification of a packing group by code. 1 Great danger 2 Medium danger 3 Minor danger
		060	1	8364	EMS number	C	1	an..6	
		070	1	8410	MFAG	C	1	an..4	Medical first aid guide.
		080	1	8126	Trem card number	C	1	an..10	
		090		C235	HAZARD IDENTIFICATION	C	1		not used
			1	8158	Hazard identification number, upper part	C		an..4	
			2	8186	Substance identification number, lower part	C		an4	
		100		C236	DANGEROUS GOODS LABEL	C	1		not used
			1	8246	Dangerous goods label marking	C		an..4	
			2	8246	Dangerous goods label marking	C		an..4	
			3	8246	Dangerous goods label marking	C		an..4	
		110	1	8255	Packing instruction, coded	C	1	an..3	Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.
Pos	Tag	No	ELT	Name	S	R	Length	Value	



		120	1	8325	Category of means of transport, coded	C	1	an..3	
		130	1	8211	Permission for transport, coded	C	1	an..3	

Sample Segments

DGS+IMD+8+2794'

DGS+IMD+3.3:3372+1263+028:CEL'


Segment: **FTX** Segment Group 32: Free Text

Purpose: A segment to specify free form or formatted supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information

Pos	Tag	No		ELT	Name	S	R	Length	Value
0080	FTX				Free text	C	99		
		010	1	4451	Text subject qualifier	M	1	an..3	"AAD" Dangerous goods technical name
		020	1	4453	Text function, coded	C	1	an..3	not used
		030		C107	TEXT REFERENCE	C	1		not used
			1	4441	Free text, coded	M		an..3	
			2	1131	Code list qualifier	C		an..3	
			3	3055	Code list responsible agency, coded	C		an..3	
		040		C108	TEXT LITERAL	C	1		Free text; one to five lines.
			1	4440	Free text	M		an..70	Free form text.
			2	4440	Free text	C		an..70	Free form text.
			3	4440	Free text	C		an..70	Free form text.
			4	4440	Free text	C		an..70	Free form text.
			5	4440	Free text	C		an..70	Free form text.
		050	1	3453	Language, coded	C	1	an..3	not used

Sample Segments

FTX+AAD+TOLUENE'

**Segment:****EQD Segment Group 37: Equipment Details****Purpose:**

A segment to specify equipment, and equipment size and type used in the transport.

Pos	Tag	No		ELT	Name	S	R	Length	Value
0080	EQD				Equipment details	M	1		
		010	1	8053	Equipment qualifier	M	1	an..3	Code qualifying a type of equipment. "CN" : Container "BB" : Breakbulk "IV" : Vehicle, Industrial "AV" : Vehicle, Automobile "CH" : Trailer "MF" : MAFI trailer
		020		C237	EQUIPMENT IDENTIFICATION	C	1		
			1	8260	Equipment identification number	C		an..17	Equipment identification number
			2	1131	Code list qualifier	C		an..3	not used
			3	3055	Code list responsible agency, coded	C		an..3	not used
			4	3207	Country, coded	C		an..3	not used
		030		C224	EQUIPMENT SIZE AND TYPE	C	1		
			1	8155	Equipment size and type identification	C		an..10	container size/type (Iso code)
			2	1131	Code list qualifier	C		an..3	not used
			3	3055	Code list responsible agency, coded	C		an..3	not used
			4	8154	Equipment size and type	C		an..35	not used
		040	1	8077	Equipment supplier, coded	C	1	an..3	"1" : Shipper supplied "2" : Carrier supplied
		050	1	8249	Equipment status, coded	C	1	an..3	not used
		060	1	8169	Full/empty indicator, coded	C	1	an..3	"4" : Empty "5" : Full "6" : Other

Sample Segments

EQD+CN+LMCU 900618/0+22V1+1++5'



Segment: **MEA** Segment Group 37: Measurements

Purpose: A segment to specify measurements, other than dimensions, applicable to a container.

Pos	Tag	No		ELT	Name	S	R	Length	Value
0860	MEA				Measurements	C	9		
		010	1	6311	Measurement application qualifier	M	1	an..3	"AAE" : Measurement
		020		C502	MEASUREMENT DETAILS	C	1		
			1	6313	Measurement dimension, coded	C		an..3	"T" : Tare Weight "G" : Gross weight (Containerized) "VGM" : Verified Gross weight (Containerized)
			2	6321	Measurement significance, coded	C		an..3	not used
			3	6155	Measurement attribute, coded	C		an..3	not used
			4	6154	Measurement attribute	C		an..70	not used
		030		C174	VALUE/RANGE	C	1		
			1	6411	Measure unit qualifier	M		an..3	"KGM" : Kilograms
			2	6314	Measurement value	C		n..14	Value of the measured unit. With no decimal digits
			3	6162	Range minimum	C		n..18	not used
			4	6152	Range maximum	C		n..18	not used
		040	1	7383	Surface/layer indicator, coded	C	1	an..3	not used

Sample Segments

MEA+AAE+VGM+KGM:12000'
MEA+AAE+G+KGM:12000'


Segment: **DIM** Segment Group 37: Dimensions

Purpose: A segment to specify dimensions, applicable to a goods item.

Pos	Tag	No	ELT	Name	S	R	Length	Value
1310	DIM			Dimensions	C	9		
		010	1	6145 Dimension qualifier	M	1	an..3	"5" : Off-standard dimension front "6" : Off-standard dimension back "7" : Off-standard dimension right "8" : Off-standard dimension left "9" : Off-standard dimension general "10" : External equipment dimension "13" : Off-standard dimensions height
		020		C211 DIMENSIONS	M	1		
			1	6411 Measure unit qualifier	M		an..3	"CMT" : Centimetres
			2	6168 Length dimension	C		n..15	Length of pieces or packages stated for transport purposes
			3	6140 Width dimension	C		n..15	Width of pieces or packages stated for transport purposes
			4	6008 Height dimension	C		n..15	Height of pieces or packages stated for transport purposes

Sample Segments

 DIM+7+CMT:39'
 DIM+13+CMT:22'



Segment: **SEL** Segment Group 37: Seal Number

Purpose: A segment to identify seal and seal issuer associated with the equipment.

Pos	Tag	No	ELT	Name	S	R	Length	Value
1680	SEL			Seal Number	C	9		
		010	9308	SEAL NUMBER	C	1	an..10	The actual Seal Number
		020	C215	SEAL ISSUER	C	1		
			9303	Sealing party, coded	C		an..3	CA Carrier SH Shipper
			1131	Code list identification code	C		an..3	not used
			3055	Code list responsible agency code	C		an..3	not used
			9302	Sealing party	C		an..35	not used
		030	4517	Seal condition, coded	C	1	an..3	not used
		040	C208	IDENTITY NUMBER RANGE	C	1		not used
			7402	Object identifier	M		an..35	
			7402	Object identifier	C		an..35	

Sample Segments

SEL+296850+SH'



Segment: **TMP** Segment Group 37: Temperature

Purpose: A segment to specify a temperature setting for the equipment.

Pos	Tag	No		ELT	Name	S	R	Length	Value
1340	TMP				Temperature	C	1		
		010	1	6245	Temperature qualifier	M	1	an..3	"2" : Transport temperature
		020		C239	TEMPERATURE SETTING	C	1		
			1	6246	Temperature setting	C		n3	Should be 3 numeric digits (no decimals allowed)
			2	6411	Measure unit qualifier	C		an..3	"CEL" : Celsius

Sample Segments

TMP+2+007+CEL'



Segment: **NAD** Segment Group 39: Name and address

Purpose: A segment to identify the VGM responsible

Pos	Tag	No	ELT	Name	S	R	Length	Value
0580	NAD			Name and address	M	1		
		010	1	3035 Party qualifier	M	1	an..3	"SPC" : VGM responsible
		020		C082 PARTY IDENTIFICATION DETAILS	C	1		
			1	3039 Party id. identification	M		an..35	Code specifying the identity of a party.
			2	1131 Code list qualifier	C		an..3	not used
			3	3055 Code list responsible agency, coded	C		an..3	not used
		030		C058 NAME AND ADDRESS	C	1		not used
			1	3124 Name and address line	M		an..35	
			2	3124 Name and address line	C		an..35	
			3	3124 Name and address line	C		an..35	
			4	3124 Name and address line	C		an..35	
			5	3124 Name and address line	C		an..35	
		040		C080 PARTY NAME	C	1		not used
			1	3036 Party name	M		an..35	
			2	3036 Party name	C		an..35	
			3	3036 Party name	C		an..35	
			4	3036 Party name	C		an..35	
			5	3036 Party name	C		an..35	
			6	3045 Party name format, coded	C		an..3	
		050		C059 STREET	C	1		not used
			1	3042 Street and number/p.o. box	M		an..35	
			2	3042 Street and number/p.o. box	C		an..35	
			3	3042 Street and number/p.o. box	C		an..35	
		060	1	3164 City name	C	1	an..35	
		070	1	3229 Country sub-entity identification	C	1	an..9	
		080	1	3251 Postcode identification	C	1	an..9	
		090	1	3207 Country, coded	C	1	an..3	

Sample Segment

NAD+SPC+THERMOCAR/GE'

**Segment:****UNT** Message Trailer**Purpose:**

A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

Pos	Tag	No		ELT	Name	S	R	Length	Value
0500	UNT				Message trailer	M	1		
		010	1	0074	Number of segments in a message	M	1	n..10	
		020	2	0062	Message reference number	M	1	an..14	Should match segment 0062 in UNH

Sample Segment

UNT+30+1400002276'



Segment: **UNZ Interchange Trailer**

Purpose: To end and check the completeness of an interchange

Tag	No	ELT	Name	S	R	Length	Value
UNZ			Interchange Trailer	M	1		
	010	0036	Interchange Control Count	M		n..6	number of message
	020	0020	Interchange Control Reference	M		an..14	same as 0020 in UNB

Sample Segment

UNZ+63+100200'



Appendix 1 Sample Message

Sample Message

UNA:+.? '
 UNB+UNOC:3+LMC:14+TEST:14+161021:1254+16123'
 UNH+225365+IFTMIN:D:99B:UN:ITG14'
 BGM+786:::FREIGHT MANIFEST+MOD20161021225365+9'
 DTM+137:201610211254:203'
 FTX+BLC+++CLAUSE COVERING VESSEL?'S EQUIPMENT SUCH AS:CONTAINERS DEMURRAGES/DETENTION FEES?:-:LOCAL
 CARGO?:RECEIVERS ENJOY 10 (TEN) DAYS FREE TIME'
 FTX+BLC+++FROM DATE OF UNLOADING FROM VESSEL.:THEREAFTER THEY ARE SUBJECT TO FOLLOWING
 DEMURRAGES/DETENTIONS:FEES?:BOX/HC:FM 11th ONWARD 20? JOD 7.50/CNT/DAY 40? JOD
 15.00/CNT/DAY'
 FTX+BLC+++OT/FR:FM 11th ONWARD 20? JOD 20.00/CNT/DAY 40? JOD 40.00/CNT/DAY:-:IRAQI
 CARGO?:RECEIVERS ENJOY 15 (FIFTEEN) DAYS FREE TIME'
 FTX+BLC+++FROM DATE OF UNLOADING FROM VESSEL.:THEREAFTER THEY ARE SUBJECT TO FOLLOWING
 DEMURRAGES/DETENTIONS:FEES?:BOX/HC:FM 16th ONWARD 20? JOD 7.50/CNT/DAY 40? JOD
 15.00/CNT/DAY'
 FTX+BLC+++OT/FR:FM 16th ONWARD 20? JOD 20.00/CNT/DAY 40? JOD 40.00/CNT/DAY:FOR CARGO IN
 TRANSIT TO IRAQI FOLLOWING CAUTIONAL DEPOSIT FOR:THE COUNTER VALUE OF OUR EQUIPMENT AND
 DEMURRAGES/DETENTIONS:TO BE COLLECTED FROM RECEIVERS BEFORE RELEASING D/O?:'
 FTX+BLC+++20? JOD 5000 (FIVE THOUSANDS):40? JOD 8000 (EIGHT THOUSANDS)'
 FTX+ZZZ++SP+A B'
 FTX+ZZZ++SC+3 10 13 15B'
 DOC+705+G1625221++3+3'
 LOC+73+ITGOA:::GENOA'
 DTM+182:20160901:102'
 RFF+BM:G1625221'
 RFF+BN:0160229087'
 CPI+4++C'
 LOC+57+JOAQB:::AQABA'
 TDT+20+16378+1+13++++IBGX:103::JOLLY TITANIO'
 LOC+9+ITGOA:::GENOVA+ITGOA:::GENOVA'
 DTM+133:01092016:102'
 LOC+12+JOAQB:::AQABA'
 NAD+CZ+LIBERTY/AQA+CERAMICHE MARCA CORONA SPA:VIA EMILIA ROMAGNAA, 7:41049 SASSUOLO (MO)'
 NAD+FW+LIBERTY/AQA+LIBERTY SHIPPING AND TRANSPORT CO:W.L.L.:SALEM AL-HINDAWI ST. HALAWANI BLD:11192
 PO.B.921139-AMMAN- JORDAN J'
 NAD+CN+VARI AQABA+MUDER SOUDI SONS & PARTNER:P.O.BOX 1183 -:11821 AMMAN JORDAN'
 NAD+N1++AS ABOVE'
 GID+1+29:PALLET'
 TMD+3:FCL/FCL'
 PIA+5+06000:ZZZ'
 FTX+AAA+++29 PLTS'
 FTX+MKS+++SEALED BY SHIPPER'
 FTX+MKS+++WITH N. M1580756'
 MEA+AAE+N+KGM:26620.000'
 RFF+BN:0160229087'
 SGP+LMCU 123365/5+29'
 TCC+PR:::PRECARRIAGE:C++N'
 CUX+1:USD'
 PRI+CAL:580.000:PU'
 MOA+64:580.00:USD'
 QTY+107:00001.000'
 LOC+57+JOAQB'
 GID+2+5:PLTS'
 TMD+3:FCL/FCL'
 PIA+5+06000:ZZZ'
 FTX+AAA+++CERAMIC TILES:FREIGHT COLLECT:ONE OF 2 PARTS CARGOES SAID:TO BE STOWED INTO CONTAINER:N.
 SGCU 199161/7 - 20 BX'
 FTX+AAA+++SEALED BY SHIPPER WITH:N. M1580908 TARE?: 2160'
 FTX+ZZZ+++2'
 FTX+MB+++G1625213'
 MEA+AAE+N+KGM:4740.000'
 RFF+BN:0160229090'
 SGP+SGCU 199161/7+5'
 TCC+SF:::SEA FREIGHT:C++V'
 CUX+1:USD'
 PRI+CAL:340.000:PU'



MOA+64:340.00:USD'
 QTY+107:00001.000'
 LOC+57+JOAQB'
 TCC+FLSC:::FUEL SURCHARGE:C++V'
 CUX+1:USD'
 PRI+CAL:200.000:PU'
 MOA+64:200.00:USD'
 QTY+107:00001.000'
 LOC+57+JOAQB'
 TCC+HC:::THC AT POL:C++V'
 CUX+1:USD'
 PRI+CAL:200.000:PU'
 MOA+64:200.00:USD'
 QTY+107:00001.000'
 LOC+57+JOAQB'
 TCC+ISPE:::ISPS CHARGES EXP:C++V'
 CUX+1:USD'
 PRI+CAL:30.000:PU'
 MOA+64:30.00:USD'
 QTY+107:00001.000'
 LOC+57+JOAQB'
 TCC+TADD:::TERMINAL ADDITION:C++V'
 CUX+1:USD'
 PRI+CAL:70.000:PU'
 MOA+64:70.00:USD'
 QTY+107:00001.000'
 LOC+57+JOAQB'
 TCC+OD:::CUSTOMS CLEARANCE:C++V'
 CUX+1:USD'
 PRI+CAL:100.000:PU'
 MOA+64:100.00:USD'
 QTY+107:00001.000'
 LOC+57+JOAQB'
 EQD+CN+LMCU 123365/5+22G1+1++5'
 MEA+AAE+G+KGM:28870'
 MEA+AAE+T+KGM:2250'
 MEA+AAE+VGM+KGM:28870'
 DIM+9+CMT:1:1:1'
 SEL+M1580756+SH'
 NAD+SPC+MARCA CORONA SPA+MARCA CORONA SPA'
 EQD+CN+SGCU 199161/7+22G1+2++5'
 MEA+AAE+G+KGM:6900'
 MEA+AAE+T+KGM:2160'
 MEA+AAE+VGM+KGM:6900'
 DIM+9+CMT:1:1:1'
 SEL+M1580908+SH'
 NAD+SPC+MARCA CORONA SPA+MARCA CORONA SPA'
 UNT+102+225365'
 UNZ+1+16123'

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