IFTMBF Firm Booking Message

Introduction:

A message from a party definitely booking forwarding and/or transport services for a consignment to the party providing those services. The message will contain the conditions under which the sender of the messages requires the services to take place.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
	0005	UNB	Interchange Header	M	1		
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	CTA	Contact Information	M	1		
M	0040	COM	Communication Contact	M	9		
M	0050	DTM	Date/Time/Period	M	1		
	0060	TSR	Transport Service Requirements	C	1		
Not Used	0070	MOA	Monetary Amount	C	9		
	0080	FTX	Free Text	C	8		
Not Used	0090	CNT	Control Total	C	9		
	0100	GDS	Nature of Cargo	C	4		
	0110		Segment Group 1: LOC-DTM	C		9	
M	0120	LOC	Place/Location Identification	M	1		
	0130	DTM	Date/Time/Period	C	1		
Not Used	0140		Segment Group 2: TOD-LOC	C		2	
Not Used	0150	TOD	Terms of Delivery or Transport	M	1		
Not Used	0160	LOC	Place/Location Identification	C	9		
	0170		Segment Group 3: RFF-DTM	C		99	
M	0180	RFF	Reference	M	1		
	0190	DTM	Date/Time/Period	C	2		
Not Used	0200		Segment Group 4: GOR-FTX-SG5	C		9	
Not Used	0210	GOR	Governmental Requirements	M	1		
Not Used	0220	FTX	Free Text	C	9		
Not Used	0230		Segment Group 5: DOC-DTM	C		9	
Not Used	0240	DOC	Document/Message Details	M	1		
Not Used	0250	DTM	Date/Time/Period	C	1		
Not Used	0260		Segment Group 6: TCC-LOC-FTX-CUX-PRI-EQN-PCD-MOA-QTY	C		99	
Not Used	0270	TCC	Transport Charge/Rate Calculations	M	1		
Not Used	0280	LOC	Place/Location Identification	C	1		
Not Used	0290	FTX	Free Text	C	1		
Not Used	0300	CUX	Currencies	C	1		
Not Used	0310	PRI	Price Details	C	1		

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **1** of **122**

Sensitivity: Public

Not Used	0320	EQN	Number of Units	C	1		
Not Used	0330	PCD	Percentage Details	C	1		
Not Used	0340	MOA	Monetary Amount	C	9		
Not Used	0350	QTY	Quantity	C	9		
	0360		Segment Group 7: TDT-DTM-TSR-SG8-SG9	C		99	
M	0370	TDT	Details of Transport	M	1		
Not Used	0380	DTM	Date/Time/Period	C	9		
Not Used	0390	TSR	Transport Service Requirements	C	9		
	0400		Segment Group 8: LOC-DTM	C		2	
M	0410	LOC	Place/Location Identification	M	1		
	0420	DTM	Date/Time/Period	C	1		
Not Used	0430		Segment Group 9: RFF-DTM	C		9	
Not Used	0440	RFF	Reference	M	1		
Not Used	0450	DTM	Date/Time/Period	C	1		
M	0460		Segment Group 10: NAD-LOC-SG11-SG12-SG13-SG14-SG15	M		10	
M	0470	NAD	Name and Address	M	1		
Not Used	0480	LOC	Place/Location Identification	C	9		
	0490		Segment Group 11: CTA-COM	C		9	
M	0500	CTA	Contact Information	M	1		
M	0510	COM	Communication Contact	M	9		
Not Used	0520		Segment Group 12: DOC-DTM	C		9	
Not Used	0530	DOC	Document/Message Details	M	1		
Not Used	0540	DTM	Date/Time/Period	C	1		
Not Used	0550		Segment Group 13: RFF-DTM	C		9	
Not Used	0560	RFF	Reference	M	1		
Not Used	0570	DTM	Date/Time/Period	C	9		
	0580		Segment Group 14: CPI-RFF-CUX-LOC-MOA	C		6	
M	0590	CPI	Charge Payment Instructions	M	1		
Not Used	0600	RFF	Reference	C	99		
Not Used	0610	CUX	Currencies	C	1		
	0620	LOC	Place/Location Identification	C	1		
Not Used	0630	MOA	Monetary Amount	C	9		
Not Used	0640		Segment Group 15: TSR-RFF-LOC-TPL-FTX	C		99	
Not Used	0650	TSR	Transport Service Requirements	M	1		
Not Used	0660	RFF	Reference	C	1		
Not Used	0670	LOC	Place/Location Identification	C	1		
Not Used	0680	TPL	Transport Placement	C	1		
Not Used	0690	FTX	Free Text	C	9		
	0700		Segment Group 16: GID-HAN-TMP-RNG-TMD-LOC-MOA-PIA-FTX-PCD-SG17-GDS-SG18-SG19-SG20-SG21-SG22-SG23-SG25-SG27	C		999	
M	0710	GID	Goods Item Details	M	1		
Not Used	0720	HAN	Handling Instructions	C	1		
Not Used	0730	TMP	Temperature	C	1		
Not Used	0740	RNG	Range Details	C	1		
Not Used	0750	TMD	Transport Movement Details	C	1		
Not Used	0760	LOC	Place/Location Identification	C	9		
Not Used	0770	MOA	Monetary Amount	C	9		

	0780	PIA	Additional Product Id	C	2	
	0790	FTX	Free Text	C	3	
Not Used	0800	PCD	Percentage Details	C	9	
Not Used	0810		Segment Group 17: NAD-DTM	C		9
Not Used	0820	NAD	Name and Address	M	1	
Not Used	0830	DTM	Date/Time/Period	C	1	
Not Used	0840	GDS	Nature of Cargo	C	9	
	0850		Segment Group 18: MEA-EQN	C		2
M	0860	MEA	Measurements	M	1	
Not Used	0870	EQN	Number of Units	C	1	
	0880		Segment Group 19: DIM-EQN	C		1
M	0890	DIM	Dimensions	M	1	
Not Used	0900	EQN	Number of Units	C	1	
	0910		Segment Group 20: RFF-DTM	C		9
M	0920	RFF	Reference	M	1	
	0930	DTM	Date/Time/Period	C	1	
Not Used	0940		Segment Group 21: PCI-RFF-DTM-GIN	C		9
Not Used	0950	PCI	Package Identification	M	1	
Not Used	0960	RFF	Reference	C	1	
Not Used	0970	DTM	Date/Time/Period	C	1	
Not Used	0980	GIN	Goods Identity Number	C	9	
Not Used	0990		Segment Group 22: DOC-DTM	C		9
Not Used	1000	DOC	Document/Message Details	M	1	
Not Used	1010	DTM	Date/Time/Period	C	9	
Not Used	1020		Segment Group 23: TPL-SG24	C		9
Not Used	1030	TPL	Transport Placement	M	1	
Not Used	1040		Segment Group 24: MEA-EQN	C		9
Not Used	1050	MEA	Measurements	M	1	
Not Used	1060	EQN	Number of Units	C	1	
	1070		Segment Group 25: SGP-SG26	C		999
M	1080	SGP	Split Goods Placement	M	1	
	1090		Segment Group 26: MEA-EQN	C		2
M	1100	MEA	Measurements	M	1	
Not Used	1110	EQN	Number of Units	C	1	
	1120		Segment Group 27: DGS-FTX-SG28-SG29-SG30	C		99
M	1130	DGS	Dangerous Goods	M	1	
M	1140	FTX	Free Text	M	12	
	1150		Segment Group 28: CTA-COM	C		3
M	1160	CTA	Contact Information	M	1	
M	1170	COM	Communication Contact	M	3	
	1180		Segment Group 29: MEA-EQN	C		4
M	1190	MEA	Measurements	M	1	
Not Used	1200	EQN	Number of Units	C	1	
	1210		Segment Group 30: SGP-SG31	C		999
M	1220	SGP	Split Goods Placement	M	1	
	1230		Segment Group 31: MEA-EQN	C		2

Sensitivity: Public

M	1240	MEA	Measurements	M	1		
Not Used	1250	EQN	Number of Units	C	1		
	1260		Segment Group 32: EQD-EQN-TMD-MEA-DIM-TPL-HAN-TMP-FTX-RFF-SG33-SG35	C		999	
M	1270	EQD	Equipment Details	M	1		
M	1280	EQN	Number of Units	M	1		
M	1290	TMD	Transport Movement Details	M	1		
	1300	MEA	Measurements	C	7		
	1310	DIM	Dimensions	C	1		
Not Used	1320	TPL	Transport Placement	C	9		
	1330	HAN	Handling Instructions	C	1		
	1340	TMP	Temperature	C	1		
	1350	FTX	Free Text	C	20		
	1360	RFF	Reference	C	9		
	1370		Segment Group 33: NAD-DTM-SG34	C		9	
M	1380	NAD	Name and Address	M	1		
	1390	DTM	Date/Time/Period	C	2		
	1400		Segment Group 34: CTA-COM	C		9	
M	1410	CTA	Contact Information	M	1		
M	1420	COM	Communication Contact	M	9		
Not Used	1430		Segment Group 35: DGS-FTX-SG36	C		99	
Not Used	1440	DGS	Dangerous Goods	M	1		
Not Used	1450	FTX	Free Text	C	9		
Not Used	1460		Segment Group 36: CTA-COM	C		9	
Not Used	1470	CTA	Contact Information	M	1		
Not Used	1480	COM	Communication Contact	C	9		
M	1490	UNT	Message Trailer	M	1		

Segment:	**UNB** Interchange Header
Position:	0005
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	To start, identify and specify an interchange
Dependency Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	S001		**SYNTAX IDENTIFIER**	M	1	

Identification of the agency controlling the syntax and indication of syntax level.

M		0001	**Syntax identifier**	M		a4

Coded identification of the agency controlling a syntax and syntax level used in an interchange.

UNOC   UN/ECE level C

As defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1.

M		0002	**Syntax version number**	M		n1

Version number of the syntax identified in the syntax identifier (0001).

M	S002		**INTERCHANGE SENDER**	M	1	

Identification of the sender of the interchange.

M		0004	**Sender identification**	M		an..35

Name or coded representation of the sender of a data interchange.

		0007	**Partner identification code qualifier**	C		an..4

Qualifier referring to the source of codes for the identifiers of interchanging partners.

ZZZ   Mutually defined

X		0008	**Address for reverse routing**	C		an..14
M	S003		**INTERCHANGE RECIPIENT**	M	1	

Identification of the recipient of the interchange.

M		0010	**Recipient identification**	M		an..35

Name or coded representation of the recipient of a data interchange.

		0007	**Partner identification code qualifier**	C		an..4

Qualifier referring to the source of codes for the identifiers of interchanging partners.

ZZZ   Mutually defined

		0014	**Routing address**	C		an..14

Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.

M	S004		**DATE AND TIME OF PREPARATION**	M	1	

Date and time of preparation of the interchange.

M		0017	**Date of preparation**	M		n6

Local date when an interchange or a functional group was prepared.

M		0019	**Time of preparation**	M		n4

Local time of day when an interchange or a functional group was prepared.

Sensitivity: Public

M	0020	**INTERCHANGE CONTROL REFERENCE**	**M**	**1**	**an..14**

Unique reference assigned by the sender to an interchange.

	S005	**RECIPIENTS REFERENCE PASSWORD**	**C**	**1**	

Reference or password as agreed between the communicating partners.

M	0022	**Recipient reference/password**	**M**		**an..14**

Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.

	0025	**Recipient reference/password qualifier**	**C**		**an2**

Qualifier for the recipient's reference or password.

	0026	**APPLICATION REFERENCE**	**C**	**1**	**an..14**

Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.

	0029	**PROCESSING PRIORITY CODE**	**C**	**1**	**a1**

Code determined by the sender requesting processing priority for the interchange.

	0031	**ACKNOWLEDGEMENT REQUEST**	**C**	**1**	**n1**

Code determined by the sender for acknowledgement of the interchange.

	0032	**COMMUNICATIONS AGREEMENT ID**	**C**	**1**	**an..35**

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

	0035	**TEST INDICATOR**	**C**	**1**	**n1**

Indication that the interchange is a test.

MSC MEDITERRANEAN SHIPPING COMPANY

12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **6** of **122**

Sensitivity: Public

	Segment:	**UNH** Message Header

Position:	0010
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment starting and uniquely identifying a message. The message type code for the Firm booking message is IFTMBF.
	Note: Firm booking messages conforming to this document must contain the following data in segment UNH, composite S009:
	Data element 0065 IFTMBF 0052 D 0054 99B 0051 UN
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	UNH+20+IFTMBF:D:99B:UN:2.0

Data Element Summary

Data Attributes	Component			
Element	**Element**	**Name**	**Req/Repeat/Repr**	
M 0062		MESSAGE REFERENCE NUMBER	M	1 an..14
		Unique message reference assigned by the sender.		
M S009		MESSAGE IDENTIFIER	M	1
		Identification of the type, version etc. of the message being interchanged.		
M	0065	Message type identifier	M	an..6
		Code identifying a type of message and assigned by its controlling agency.		
		Supplied Values:		
		IFTMBF Firm booking message		
		A code to identify the firm booking message.		
M	0052	Message type version number	M	an..3
		Version number of a message type.		
		Supplied Values:		
		D Draft version/UN/EDIFACT Directory		
		Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).		
M	0054	Message type release number	M	an..3
		Release number within the current message type version number (0052).		
		Supplied Values:		
		99B Release 1999 - B		
		Message approved and issued in the second 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).		
M	0051	Controlling agency	M	an..2
		Code identifying the agency controlling the specification, maintenance and publication of the message type.		
		Supplied Values:		
		UN UN/CEFACT		
		United Nations Centre for the Facilitation of procedures and practices for Administration, Commerce and Transport (UN/CEFACT).		
M	0057	Association assigned code	M	an..6
		Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.		

MSC MEDITERRANEAN SHIPPING COMPANY

msc.com

12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

Page **7** of **122**

Sensitivity: Public

			Used to indicate MSC Booking version.			
			Supplied Values:			
			1.2019			
X	0068		**COMMON ACCESS REFERENCE**	C	1	**an..35**
X	S010		**STATUS OF THE TRANSFER**	C	1	

Statement that the message is one in a sequence of transfers relating to the same topic.

X		0070	**Sequence message transfer number**	M		**n..2**

Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.

X		0073	**First/last sequence message transfer indication**	C		**a1**

Indication used for the first and last message in a sequence of the same type of message relating to the same topic.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **8** of **122**

Sensitivity: Public

		Segment:	**BGM** Beginning of Message

Segment: **BGM** Beginning of Message

Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the beginning of a message and to transmit identifying number and type of the message.

Dependency Notes:
Semantic Notes:
Comments:
Notes: BGM+335:::Booking Request +9384756777:1.2019+9
or
BGM+335:::Booking Request +7685967039:1.2019+9+AC

Data Element Summary

Data Attributes	Component		Name	Req/Repeat/Repr		
Element	Element					
M	**C002**		**DOCUMENT/MESSAGE NAME**	**M**	1	
			Identification of a type of document/message by code or name. Code preferred.			
M		**1001**	**Document name code**	**M**		**an..3**
			Code specifying the document name.			
			Supplied Values:			
			335	Booking request		
				Document/message issued by a supplier to a carrier requesting space to be reserved for a specified consignment, indicating desirable conveyance, despatch time, etc.		
X		**1131**	**Code list identification code**	**C**		**an..3**
X		**3055**	**Code list responsible agency code**	**C**		**an..3**
M		**1000**	**Document name**	**M**		**an..35**
			Free form description of the document.			
			Supplied Values:			
			Booking Request			
M	**C106**		**DOCUMENT/MESSAGE IDENTIFICATION**	**M**	1	
			Identification of a document/message by its number and eventually its version or revision.			
M		**1004**	**Document/message number**	**M**		**an..35**
			Reference number assigned to the document/message by the issuer.			
			This element will contain Client's unique reference.			
M		**1056**	**Version**	**M**		**an..9**
			To specify the version number or name of an object.			
			Used to indicate the MSC inhouse version number.			
			Supplied Values:			
			1.2019			
X		**1060**	**Revision number**	**C**		**an..6**
M	**1225**		**MESSAGE FUNCTION CODE**	**M**	1	**an..3**
			Code indicating the function of the message.			
			Supplied Values:			
			1	Cancellation		

Message cancelling a previous transmission for a given transaction.

4	Change

Message containing items to be changed.

Applicable only for bookings that were previously in confirmed or pending status in MSC's system.

9	Original

Initial transmission related to a given transaction.

4343	**RESPONSE TYPE CODE**	**C**	**1**	**an..3**

Code specifying the type of acknowledgment required or transmitted.

AC	Acknowledge - with detail and change

Acknowledge complete including changes.

Customer requests per container release.

Only applicable with Message Function code 9 (Original).

MSC MEDITERRANEAN SHIPPING COMPANY

12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **10** of **122**

Sensitivity: Public

Segment:	**CTA** Contact Information				
Position:	0030				
Group:					
Level:	0				
Usage:	Mandatory				
Max Use:	1				
Purpose:	A segment to identify a person or department to whom communication should be directed.				
Dependency Notes:					
Semantic Notes:					
Comments:					
Notes:	CTA+IC+:CONTACT NAME				

CTA+IC+:CONTACT NAME

This is the primary contact for this booking transaction.

Spaces and/or dots alone will not be sent for Contact Name (C056, 3412).

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	3139		**CONTACT FUNCTION CODE**	M	1	an..3
			Code specifying the function of a contact (e.g. department or person).			
			Supplied Values:			
	IC		Information contact			
			Department/person to contact for questions regarding transactions.			
M	C056		**DEPARTMENT OR EMPLOYEE DETAILS**	M	1	
			Code and/or name of a department or employee. Code preferred.			
X		3413	**Department or employee identification**	C		an..17
M		3412	**Department or employee**	M		an..35
			The department or person within an organizational entity.			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **11** of **122**

Sensitivity: Public

Segment:	**COM** Communication Contact
Position:	0040
Group:	
Level:	1
Usage:	Mandatory
Max Use:	9
Purpose:	A segment to identify a communication number of a person or department to whom communication should be directed.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	COM+CONTACT NUM:TE Minimum of one communication number will always be sent

Data Element Summary

Data Attributes	Component			
Element	**Element**	**Name**	**Req/Repeat/Repr**	
M **C076**		**COMMUNICATION CONTACT**	**M**	**1**
		Communication number of a department or employee in a specified channel.		
M	**3148**	**Communication number**	**M**	**an..512**
		The communication number.		
M	**3155**	**Communication number code qualifier**	**M**	**an..3**
		Code qualifying the communication number.		

Supplied Values:

EM	Electronic mail	
	Exchange of mail by electronic means.	
	Email address is subject to validation as outlined in the preamble of this document.	
FX	Telefax	
	Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.	
	Will not be populated with spaces and/or dots alone.	
TE	Telephone	
	Voice/data transmission by telephone.	
	Will not be populated with spaces and/or dots alone.	

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

Segment: **DTM** Date/Time/Period
Position: 0050
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a date and time applying to the whole message, e.g., date and time of document issue.
Dependency Notes:
Semantic Notes:
Comments:
Notes: DTM+137:200703311730:203

Time is UTC/GMT.

Date will be within 400 days of the current date.

Data Element Summary

Data Attributes	Component			
	Element	**Element**	**Name**	**Req/Repeat/Repr**
M	C507		**DATE/TIME/PERIOD**	M 1

Date and/or time, or period relevant to the specified date/time/period type.

M		2005	**Date/time/period function code qualifier**	M an..3

Code giving specific meaning to a date, time or period.

Supplied Values:

137   Document/message date/time

(2006) Date/time when a document/message is issued. This may include authentication.

M		2380	**Date/time/period value**	M an..35

The value of a date, a date and time, a time or of a period in a specified representation.

M		2379	**Date/time/period format code**	M an..3

Code specifying the representation of a date, time or period.

Supplied Values:

203   CCYYMMDDHHMM

Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.
The twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.

Examples :

12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630

	Segment:	**TSR** Transport Service Requirements
	Position:	0060
	Group:	
	Level:	0
	Usage:	Conditional (Optional)
	Max Use:	1
	Purpose:	A segment to identify the contract, conditions of carriage, services, and priority requirements for the transport.
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:		TSR+30

This segment is MANDATORY for all Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr	
M	**C536**		**CONTRACT AND CARRIAGE CONDITION**	**M**	**1**
			To identify a contract and carriage condition.		
M		**4065**	**Contract and carriage condition code**	**M**	**an..3**
			Code to identify the conditions of contract and carriage.		
			Supplied Values:		
			27	Door-to-door	
				The carrier is responsible for the intermodal carriage of cargo including both the pre-carriage and the on-carriage.	
			28	Door-to-pier	
				The carrier is responsible for the intermodal carriage of cargo including the pre-carriage, but excluding the on-carriage.	
			29	Pier-to-door	
				The carrier is responsible for the intermodal carriage of cargo including the on-carriage, but excluding the pre-carriage.	
			30	Pier-to-pier	
				The carrier of intermodal cargo is only responsible for the main carriage.	
X		**1131**	**Code list identification code**	**C**	**an..3**
X		**3055**	**Code list responsible agency code**	**C**	**an..3**
X	**C233**		**SERVICE**	**C**	**1**
			To identify a service (which may constitute an additional component to a basic contract).		
X		**7273**	**Service requirement code**	**M**	**an..3**
			Code specifying a service requirement.		
X		**1131**	**Code list identification code**	**C**	**an..3**
			Identification of a code list.		
X		**3055**	**Code list responsible agency code**	**C**	**an..3**
			Code specifying the agency responsible for a code list.		
X		**7273**	**Service requirement code**	**C**	**an..3**
			Code specifying a service requirement.		
X		**1131**	**Code list identification code**	**C**	**an..3**
			Identification of a code list.		
X		**3055**	**Code list responsible agency code**	**C**	**an..3**

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **14** of **122**

Sensitivity: Public

			Code specifying the agency responsible for a code list.			
X	C537		**TRANSPORT PRIORITY**	C	1	
			To indicate the priority of requested transport service.			
X		4219	**Transport priority, coded**	M		an..3
			Coded priority of requested transport service.			
X		1131	**Code list identification code**	C		an..3
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
X	C703		**NATURE OF CARGO**	C	1	
			Rough classification of a type of cargo.			
X		7085	**Nature of cargo, coded**	M		an..3
			Code indicating the type of cargo as a rough classification.			
X		1131	**Code list identification code**	C		an..3
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			

Segment:	**FTX** Free Text		
Position:	0080		
Group:			
Level:	1		
Usage:	Conditional (Optional)		
Max Use:	8		
Purpose:	A segment to specify free form or processable 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.		
Dependency Notes:			
Semantic Notes:			
Comments:			
Notes:	FTX+AAI+++Free-Form Text or FTX+AES+++Customer Booking Change Reasons or FTX+CUS++UCN:110:ZZZ+857_2938476 or FTX+CCI++AMS:110:ZZZ or FTX+CCI++NVO:110:ZZZ+SCAC Only 3 segments will be sent with Text Subject Code Qualifier of AAI. Only 1 segment will be sent with Text Subject Code Qualifier of AES. Only 2 segments will be sent with Text Subject Code Qualifier of CUS each containing only 1 of Free Text Value Code CCN or UCN. Only 2 segments will be sent with Text Subject Code Qualifier of CCI each containing only 1 of Free Text Value Code AMS or NVO. Text subject CUS may appear at other levels in the transaction. CCN and UCN will only appear at one level of the transaction. MSC RECOMMENDS that customers provide Remarks (4451 = 'AAI') for Cancellation (BGM, 1225 = 1) transactions. 'AAI' is the only qualifier that will be processed for Cancellation transactions. MSC RECOMMENDS customers send Change Reason (AES) when transaction is a booking change (BGM, 1225 = 4). AES type remarks will only be sent when the transaction type is a change (BGM, 1225 = 4) and they have been provided by the customer.		

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
M	4451		**TEXT SUBJECT CODE QUALIFIER**	M 1 an..3
			Code specifying the subject of the text.	
			Supplied Values:	
		AAI	General information	
		AES	Reason for amending a message	
			Identification of the reason for amending a message.	
			Customer's reasons for amending the booking.	
		CCI	Customs clearance instructions	
			Any coded or clear instruction agreed by customer and carrier regarding the declaration of the goods.	
		CUS	Customs declaration information	

Note contains customs declaration information.

X		4453	**TEXT FUNCTION, CODED**	C	1	an..3
	C107		**TEXT REFERENCE**	C	1	

Coded reference to a standard text and its source.

M		4441	**Free text value code**	M		an..17

Code specifying free form text.

Will only be sent when text subject code (4451) = CUS or CCI.

Supplied Values:

AMS	Customer to Perform AMS Filing
	Indicates Customer it to perform AMS filing.
	Will only be sent with text subject code (4451) = CCI
CCN	Canadian Cargo Control Number
	Typically provided by the Carrier for use by registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada. Will only be sent with text subject code (4451) = CUS.
NVO	NVOCC SCAC
	NVOCC SCAC Code for US Customs AMS Filing Will only be sent with text subject code (4451) = CCI.
UCN	Customs Export Declaration Unique Consignment Reference (DUCR)
	Typically provided by the Exporter or its Agent for shipments departing Great Britain. Will only be sent with text subject code (4451) CUS.

M		1131	**Code list identification code**	M		an..3

Identification of a code list.

Supplied Values:

110	Customs special codes
	Customs code to indicate an exemption to a regulation or a special Customs treatment.

M		3055	**Code list responsible agency code**	M		an..3

Code specifying the agency responsible for a code list.

Supplied Values:

ZZZ	Mutually defined

	C108		**TEXT LITERAL**	C	1	

Free text

M		4440	**Free text value**	M		an..512

Free form text.

This element will be populated when Text Subject Code Qualifier (4451) = AAI, AES, ACB or CUS.

This element will also be populated when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code (C107, 4441) = 'NVO'.

This element will not be populated when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code (C107, 4441) = AMS.

		4440	**Free text value**	C		an..512

Free form text.

This element may be populated when Text Subject Code Qualifier (4451) = AAI, AES, or ACB.

			This element will not be populated when Text Subject Code Qualifier (4451) = CCI or CUS		
X		4440	**Free text value**	C	**an..512**
X		4440	**Free text value**	C	**an..512**
X		4440	**Free text value**	C	**an..512**
X	3453		**LANGUAGE NAME CODE**	C	1 **an..3**
X	4447		**TEXT FORMATTING, CODED**	C	1 **an..3**

		Segment:	**GDS** Nature of Cargo

Segment: **GDS** Nature of Cargo
Position: 0100
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 4
Purpose: A segment to describe the nature of cargo.

Dependency Notes:
Semantic Notes:
Comments:
Notes: GDS+11

Codes are as provided by the customer.

Only one occurrence of each code will be sent per transaction.

Data Element Summary

Data Attributes	Component	Element	Name	Req/Repeat/Repr	
M	**C703**		**NATURE OF CARGO**	**M**	**1**
			Rough classification of a type of cargo.		
M		**7085**	**Nature of cargo, coded**	**M**	**an..3**
			Code indicating the type of cargo as a rough classification.		

Supplied Values:

	5	Other non-containerized
		Non-containerized cargo which cannot be categorized by any of the other nature of cargo code.
		OOG Freight (out of gauge)
	11	Hazardous cargo
		Cargo with dangerous properties, according to appropriate dangerous goods regulations.
	14	Temperature controlled cargo
		Cargo transported under specified temperature conditions.
	15	Environmental pollutant cargo
		Cargo is an environmental pollutant.

X	**1131**	**Code list identification code**	**C**	**an..3**
X	**3055**	**Code list responsible agency code**	**C**	**an..3**

	Group:	**LOC** Segment Group 1: Place/Location Identification
	Position:	0110
	Group:	
	Level:	1
	Usage:	Conditional (Optional)
	Max Use:	9
	Purpose:	A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transhipment.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0120	LOC	Place/Location Identification	M	1	
	0130	DTM	Date/Time/Period	C	1	

Segment:	**LOC** Place/Location Identification			
Position:	0120 (Trigger Segment)			
Group:	Segment Group 1 (Place/Location Identification)	Conditional (Optional)		
Level:	1			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment to identify a location applying to the entire message.			
Dependency Notes:				
Semantic Notes:				
Comments:				
Notes:	All locations will be coded.			

Only one occurrence of each location type segment will be sent with the exception of 74 and 75 which may occur multiple times per transaction.

Booking Office (197) Place of Receipt (88) and Place of Delivery (7) locations are MANDATORY for Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

MSC RECOMMENDS to customers that Place of Receipt (88) and Place of Delivery (7) not be the same.

LOC+88+USELZ:181:6:ELIZABETH
and
LOC+7+NLRTM:181:6:ROTTERDAM

Locations may be structured in the following ways.

LOC+197+NLRTM:181:6:ROTTERDAM+:::NETHERLANDS
or
LOC+74+NLRTM:181:6:ROTTERDAM+NL:162:5
or
LOC+197+USNYC:181:6:NEW YORK+US:162:5+:::NY

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	3227		**LOCATION FUNCTION CODE QUALIFIER**	M	1	an..3

Code identifying the function of a location.

Supplied Values:

7		Place of delivery
		(3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).
74		Transhipment excluding this place
		Place/location where a transhipment from a means of transport to another means of transport is not authorised.
		Prohibited Transshipment location
75		Transhipment limited to this place
		Only place/location where a transhipment from a means of transport to another means of transport is authorised.
		Requested Transshipment location
88		Place of receipt
		Identification of the location at which the cargo is actually received.
197		Place of inquiry

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **21** of **122**

Sensitivity: Public

			Place to which an inquiry is made.		
			Booking Office		
M	**C517**		**LOCATION IDENTIFICATION**	**M**	**1**
			Identification of a location by code or name.		
M		**3225**	**Location name code**	**M**	**an..25**
			Code specifying the name of the location.		
M		**1131**	**Code list identification code**	**M**	**an..3**
			Identification of a code list.		
			Supplied Values:		
		181	Activity		
			Code identifying activities.		
M		**3055**	**Code list responsible agency code**	**M**	**an..3**
			Code specifying the agency responsible for a code list.		
			Supplied Values:		
		6	UN/ECE (United Nations - Economic Commission for Europe)		
		87	Assigned by carrier		
			Codes assigned by the carrier.		
			Codes assigned by MSC.		
		3224	**Location name**	**C**	**an..256**
			Name of the location.		
	C519		**RELATED LOCATION ONE IDENTIFICATION**	**C**	**1**
			Identification the first related location by code or name.		
			Used to provide country identification.		
		3223	**Related place/location one identification**	**C**	**an..25**
			Specification of the first related place/location by code.		
			Valid 2 Character ISO country code.		
		1131	**Code list identification code**	**C**	**an..3**
			Identification of a code list.		
			If C519,3223 is populated this element will also be sent.		
			Supplied Values:		
		162	Country		
			Identification of a country.		
		3055	**Code list responsible agency code**	**C**	**an..3**
			Code specifying the agency responsible for a code list.		
			If C519,3223 is populated this element will also be sent.		
			Supplied Values:		
		5	ISO (International Organization for Standardization)		
		3222	**Related place/location one**	**C**	**an..70**
			Specification of the first related place/location by name.		
			Country Name		
	C553		**RELATED LOCATION TWO IDENTIFICATION**	**C**	**1**
			Identification of second related location by code or name.		
X		**3233**	**Related place/location two identification**	**C**	**an..25**
X		**1131**	**Code list identification code**	**C**	**an..3**
X		**3055**	**Code list responsible agency code**	**C**	**an..3**
		3232	**Related place/location two**	**C**	**an..70**
			Specification of a second related place/location by name.		
			State/Province code or name.		
X		**5479**	**RELATION, CODED**	**C**	**1** **an..3**

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **22** of **122**

Sensitivity: Public

Segment:	**DTM** Date/Time/Period
Position:	0130
Group:	Segment Group 1 (Place/Location Identification) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	1
Purpose:	A segment to indicate date(s) and time(s) relating to the location.

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	DTM+196:20070529:102

or

DTM+63:200705121345:203

This date pertains to the LOC segment immediately preceding this segment.

Customers at a minimum will provide at least one of the following information in Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions;

- Departure date/time, earliest at Place of Receipt.
- Delivery date/time, latest at Place of Delivery.
- Vessel name (or Lloyd's code) and Voyage (both sent in same TDT main-carriage segment).

Date will be within 400 days of the current date.

If time is sent it is assumed to be local time at the location identified in the preceding LOC segment.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr	
M	C507		**DATE/TIME/PERIOD**	M	1
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	**Date/time/period function code qualifier**	M	an..3
			Code giving specific meaning to a date, time or period.		
			Supplied Values:		
			63	Delivery date/time, latest	
				Date identifying a point of time after which goods shall not or will not be delivered.	
				Will only be sent if preceding LOC element 3227 = 7 (place of delivery).	
			196	Departure date/time, earliest	
				Date/time of earliest departure of means of transport.	
				Will only be sent if preceding LOC element 3227 = 88 (place of receipt).	
M		2380	**Date/time/period value**	M	an..35
			The value of a date, a date and time, a time or of a period in a specified representation.		
M		2379	**Date/time/period format code**	M	an..3
			Code specifying the representation of a date, time or period.		
			Supplied Values:		
			102	CCYYMMDD	

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **23** of **122**

Sensitivity: Public

Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.

203   CCYYMMDDHHMM

Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.

The twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.

Examples :

12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630

	Group:	**RFF** Segment Group 3: Reference
	Position:	0170
	Group:	
	Level:	1
	Usage:	Conditional (Optional)
	Max Use:	99
	Purpose:	A group of segments containing a reference and constants which apply to the entire message.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0180	RFF	Reference	M	1	
	0190	DTM	Date/Time/Period	C	2	

Sensitivity: Public

Segment:		**RFF** Reference	

Position:	0180 (Trigger Segment)
Group:	Segment Group 3 (Reference) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
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.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	RFF+ANT:CONSGN-112098

BN reference must not be sent in an original booking request(0020 BGM 1225 = 9).

When BN reference is sent in a change booking (0020 BGM 1225 = 4) it will be the booking number as supplied by the carrier in the confirmation.

AFG (Tariff Number), AGE (Outbound Booking agent reference), BN (Booking Number), CT (Contract Number)/LI (Contract Line Item Number) and EX (Export License) must only occur once.

Multiple occurrences of all other references may be sent as follows: Up to 30 occurrences of 'BM' (Bill of Lading Number) and any combination of AGB (Contract Party Reference); AKG (Vehicle Identification Number); ANT (Consignee's Reference); FF (Freight Forwarders Reference); ON (Purchase Order Number) and SI (Shippers Reference Number), up to 60 occurrences.

AFG (Tariff Number) and CT (Contract Reference Number) are mutually exclusive.

LI (Contract Line Item Number) will only be transmitted if CT (Contract Number) is provided.

MSC RECOMMENDS that AFG (Tariff Number) or CT (Contract Number) be provided for Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 =4) transactions.

Any reference sent here will not appear at any other level in this transaction.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr	
M	**C506**		**REFERENCE**	**M**	**1**
			Identification of a reference.		
M		**1153**	**Reference function code qualifier**	**M**	**an..3**
			Code giving specific meaning to a reference segment or a reference number.		

Supplied Values:

AFG	Tariff number	
	Freight tariff number	
AGB	Contract party reference number	
	Reference number assigned to a party for a particular contract.	
AGE	Agent's reference	
	Reference number of the agent.	

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **26** of **122**

Sensitivity: Public

		Outbound Booking Agent Reference	
	AKG	Vehicle Identification Number (VIN)	
		The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.	
	ANT	Consignee's reference	
		Reference number of the consignee.	
	BM	Bill of lading number	
		Reference number assigned to a bill of lading, see: 1001 = 705.	
	BN	Booking reference number	
		[1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.	
		Carrier Booking Number Limited to 30 characters	
	CT	Contract number	
		Reference number of a contract concluded between parties.	
		Contract/Quote Number	
	EX	Export licence number	
		[1208] Reference number assigned by issuing authority to an Export Licence.	
	FF	Freight forwarder's reference number	
		[1460] Reference number assigned to the consignment by the freight forwarder.	
	LI	Line item reference number	
		(1156) Reference number identifying a particular line in a document.	
		Contract Line Item Number To be used only in conjunction with CT (Contract Number).	
	ON	Order number (purchase)	
		[1022] Reference number assigned by the buyer to an order.	
	SI	SID (Shipper's identifying number for shipment) Description to be provided.	
	MCD	ACID reference number	
		The ACID (advance cargo information declaration) number is generated by the Egyptian customs platform. It is a unique 19-digit number.	

M	**1154**	**Reference identifier**	**M**	**an..35**
		Identifies a reference.		
X	**1156**	**Line number**	**C**	**an..6**
X	**4000**	**Reference version identifier**	**C**	**an..35**
X	**1060**	**Revision number**	**C**	**an..6**

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **27** of **122**

Sensitivity: Public

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

Position:	0190
Group:	Segment Group 3 (Reference) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	2
Purpose:	A segment to indicate date and time relating to the reference.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

DTM+182:20070426:102
or
DTM+36:20070526:102

Notes:
- This DTM is used only for Export License and will immediately follow Export License number (RFF, C506, 1153 = EX).
- Issue date will not be more than 2 years prior to current date.
- Expiration date will not be more than 2 years after current date.
- If sent, Date will be valid according to format code '102'.

Data Element Summary

Data Attributes	Component Element	Element	Name	Req/Repeat/Repr		
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date/time/period function code qualifier**	M		an..3
			Code giving specific meaning to a date, time or period.			

Supplied Values:

36		Expiry date
		Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.
182		Issue date
		Date when a document/message has been or will be issued.

Data Attributes	Component Element	Element	Name	Req/Repeat/Repr		
M		2380	**Date/time/period value**	M		an..35
			The value of a date, a date and time, a time or of a period in a specified representation.			
M		2379	**Date/time/period format code**	M		an..3
			Code specifying the representation of a date, time or period.			

Supplied Values:

102		CCYYMMDD
		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.

Sensitivity: Public

	Group:	**TDT** Segment Group 7: Details of Transport
	Position:	0360
	Group:	
	Level:	1
	Usage:	Conditional (Optional)
	Max Use:	99
	Purpose:	A group of segments to indicate details of the movement of goods such as mode and means of transport, locations, departure, and arrival date(s) and time(s).

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0370	TDT	Details of Transport	M	1	
	0400		Segment Group 8: Place/Location Identification	C		2

Sensitivity: Public

Segment:	**TDT** Details of Transport						

Segment: **TDT** Details of Transport
Position: 0370 (Trigger Segment)
Group: Segment Group 7 (Details of Transport)   Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate information related to a certain stage of the transport, such as mode, means and carrier.

Dependency Notes:
Semantic Notes:
Comments:
Notes: TDT+10++2
or
TDT+20+Voyage Number+1+13:OCEAN
VESSEL+SCAC:172:182+++Lloyds::11:Vessel Name
or
TDT+30++3++SCAC:172:182

Customers at a minimum will provide at least one of the following in Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions;

- Departure date/time, earliest at Place of Receipt.
- Delivery date/time, latest at Place of Delivery.
- Vessel name (or Lloyd's code) and Voyage (both sent in same TDT main-carriage segment).

MSC RECOMMENDS to customers that transport plan legs be provided in the order in which transport is expected to occur. Legs will be stored and sent to the Carrier in the order received.
MSC RECOMMENDS to customers that routing/transport plan information provided by the customer be consistent with the Place of Receipt (88) and Place of Delivery (7) locations established in 0120 LOC segments. Further, MSC RECOMMENDS that a main carriage leg (20) be included if plan information is provided. Finally, MSC RECOMMENDS that any vessel/voyage specifications include the Lloyds code for the vessel.

MSC RECOMMENDS to customers that if Port of Load and Port of Discharge are sent that Port of Load be sent in the first Start Location (0410 LOC) segment of the first Main-Carriage leg (20) and Port of Discharge be sent in the last End Location (0410 LOC) segment of the last Main-Carriage leg (20) of the TDT group.

MSC RECOMMENDS customers send transport means codes (C228, 8179) that are consistent with transport mode code (C220, 8067).

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	8051		**TRANSPORT STAGE CODE QUALIFIER**	M	1	an..3
			Code qualifying a specific stage of transport.			
			Supplied Values:			
		10	Pre-carriage transport			
			Transport by which the goods are moved prior to their main carriage transport.			
		20	Main-carriage transport			
			The primary stage in the movement of cargo from the point of origin to the intended destination.			
		30	On-carriage transport			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **30** of **122**

Sensitivity: Public

Transport by which the goods are moved after the main carriage transport.

| | 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, Train Number, etc.

| | C220 | **MODE OF TRANSPORT** | C | 1 | |

Method of transport code or name. Code preferred.

| | 8067 | **Transport mode name code** | C | | an..3 |

Code specifying the name of a mode of transport.

Supplied Values:

1	Maritime transport
2	Rail transport
3	Road transport
8	Inland water transport
23	Rail/road
28	Rail/water
38	Road/water

| X | | 8066 | **Transport mode name** | C | | an..17 |
| | C228 | **TRANSPORT MEANS** | C | 1 | |

Code and/or name identifying the type of means of transport.

| | 8179 | **Transport means description code** | C | | an..8 |

Code specifying the means of transport.

Supplied Values:

8	Container ship
	Vessel capable of carrying containers and other cargo.
11	Ship
	A large vessel navigating deep water.
13	Ocean vessel
	An ocean-going vessel that is not a ship.
16	Barge
	A category of boat used to transport material over water.
25	Rail express
	Description to be provided.
31	Truck
	An automotive vehicle for hauling goods.

| | 8178 | **Transport means description** | C | | an..17 |

Free form description of the means of transport.

| | C040 | **CARRIER** | C | 1 | |

Identification of a carrier by code and/or by name. Code preferred.

| M | | 3127 | **Carrier identification** | M | | an..17 |

Identification of party undertaking or arranging transport of goods between named points.

Carrier SCAC

| M | | 1131 | **Code list identification code** | M | | an..3 |

Identification of a code list.

Supplied Values:

| 172 | Carriers |
| | Code list identifying carriers. |

| M | | 3055 | **Code list responsible agency code** | M | | an..3 |

Code specifying the agency responsible for a code list.

			Supplied Values:			
		182	US, Standard Carrier Alpha Code (Motor)			
			Organisation maintaining the SCAC lists and transportation operating in North America.			
X		3128	**Carrier name**	C		an..35
X	8101		**TRANSIT DIRECTION INDICATOR CODE**	C	1	an..3
X	C401		**EXCESS TRANSPORTATION INFORMATION**	C	1	
			To provide details of reason for, and responsibility for, use of transportation other than normally utilized.			
X		8457	**Excess transportation reason, coded**	M		an..3
			Indication of reason for excess transportation.			
X		8459	**Excess transportation responsibility, coded**	M		an..3
			Indication of responsibility for excess transportation.			
X		7130	**Customer authorization number**	C		an..17
			Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.			
	C222		**TRANSPORT IDENTIFICATION**	C	1	
			Code and/or name identifying the means of transport.			
		8213	**Transport means identification name identifier**	C		an..9
			Identifies the name of the transport means.			
			Lloyd's Code			
X		1131	**Code list identification code**	C		an..3
		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
			If C222, 8213 is populated this element will also be sent.			
			Supplied Values:			
		11	Lloyd's register of shipping			
			A register of ocean going vessels maintained by Lloyd's of London.			
		8212	**Transport means identification name**	C		an..35
			Name identifying a means of transport.			
			Vessel Name			
		8453	**Nationality of means of transport, coded**	C		an..3
			Coded name of the country in which a means of transport is registered.			
			Valid 2 Character ISO country code of ship's registry.			
X	8281		**TRANSPORT OWNERSHIP, CODED**	C	1	an..3

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **32** of **122**

Sensitivity: Public

Group:	**LOC** Segment Group 8: Place/Location Identification
Position:	0400
Group:	Segment Group 7 (Details of Transport) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	2
Purpose:	A group of segments to specify a location and date/time related to this leg of transport.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0410	LOC	Place/Location Identification	M	1	
	0420	DTM	Date/Time/Period	C	1	

MSC MEDITERRANEAN SHIPPING COMPANY   msc.com
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com   Page **33** of **122**

Sensitivity: Public

Segment:	**LOC** Place/Location Identification			

Segment: **LOC** Place/Location Identification

Position: 0410 (Trigger Segment)
Group: Segment Group 8 (Place/Location Identification)   Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.
Dependency Notes:
Semantic Notes:
Comments:
Notes: LOC+9+USELZ:139:6
or
LOC+11+NLRTM:139:6:ROTTERDAM+NL:162:5
or
LOC+9+:::ELIZABETH+US:162:5+:::NJ

Either Location code (C517, 3225) or Location name (C517, 3224) will always be provided.

MSC RECOMMENDS to customers that if either location (start or end) is provided that both be provided and that they be coded.

MSC RECOMMENDS customers send country id (C519, 3223) or country name (C519, 3222) and state/province information (C553,3232) for any uncoded locations.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
M	3227		**LOCATION FUNCTION CODE QUALIFIER**	M 1 an..3

Code identifying the function of a location.

Supplied Values:

9	Place/port of loading	

(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.

Start Location.

11	Place/port of discharge	

(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.

End Location

M	C517		**LOCATION IDENTIFICATION**	M 1

Identification of a location by code or name.

		3225	**Location name code**	C an..25

Code specifying the name of the location.

If there is no UNLOC or Carrier assigned code this field will be blank and the Port Name will be transmitted in element C517, 3224.

		1131	**Code list identification code**	C an..3

Identification of a code list.

If C517, 3225 is populated this element will also be sent

Supplied Values:

139	Port	

MSC MEDITERRANEAN SHIPPING COMPANY   msc.com
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com   Page 34 of 122

Sensitivity: Public

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

	3055	**Code list responsible agency code**	C		an..3

Code specifying the agency responsible for a code list.

If there is no UNLOC or Carrier assigned code this field will be blank and the Port Name will be transmitted in element 3224.

If C517, 3225 is populated this element will also be sent.

Supplied Values:

	6	UN/ECE (United Nations - Economic Commission for Europe)
		UNLOCODE
	87	Assigned by carrier
		Codes assigned by the carrier.
		Codes assigned by MSC.

	3224	**Location name**	C		an..256

Name of the location.

Port Name

	C519	**RELATED LOCATION ONE IDENTIFICATION**	C	1	

Identification the first related location by code or name.

Used to provide country identification.

	3223	**Related place/location one identification**	C		an..25

Specification of the first related place/location by code.

Valid 2 Character ISO country code.

	1131	**Code list identification code**	C		an..3

Identification of a code list.

If C519, 3223 is populated this element will also be sent.

Supplied Values:

	162	Country
		Identification of a country.

	3055	**Code list responsible agency code**	C		an..3

Code specifying the agency responsible for a code list.

If C519, 3223 is populated this element will also be sent.

Supplied Values:

	5	ISO (International Organization for Standardization)

	3222	**Related place/location one**	C		an..70

Specification of the first related place/location by name.

Country Name

	C553	**RELATED LOCATION TWO IDENTIFICATION**	C	1	

Identification of second related location by code or name.

X	3233	**Related place/location two identification**	C		an..25
X	1131	**Code list identification code**	C		an..3
X	3055	**Code list responsible agency code**	C		an..3
	3232	**Related place/location two**	C		an..70

Specification of a second related place/location by name.

State/Province code or name

X	5479		**RELATION, CODED**	C	1	an..3

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

Position: 0420
Group: Segment Group 8 (Place/Location Identification)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a date/time related to the location, such as arrival date/time of a means of transport at a specific location.

Dependency Notes:
Semantic Notes:
Comments:
Notes:
DTM+133:20070631:102
or
DTM+132:200706201345:203

Date will be within 400 days of the current date.

If time is sent it is assumed to be local time at the location identified in the preceding LOC segment.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr	
M	C507		**DATE/TIME/PERIOD**	M	1
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	**Date/time/period function code qualifier**	M	an..3
			Code giving specific meaning to a date, time or period.		
			Supplied Values:		
			132 Arrival date/time, estimated		
			(2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.		
			End date/time of leg. May only be sent if the preceding LOC segment is qualified as 11(End Location).		
			133 Departure date/time, estimated		
			Date/time when carrier estimates that a means of transport should depart at the place of departure.		
			Start date/time of leg.		
			May only be sent if the preceding LOC segment is qualified as 9 (Start Location)		
M		2380	**Date/time/period value**	M	an..35
			The value of a date, a date and time, a time or of a period in a specified representation.		
M		2379	**Date/time/period format code**	M	an..3
			Code specifying the representation of a date, time or period.		
			Supplied Values:		
			102 CCYYMMDD		
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		
			203 CCYYMMDDHHMM		
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.		

The twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.

Examples :

12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630

	Group:	**NAD** Segment Group 10: Name and Address
	Position:	0460
	Group:	
	Level:	1
	Usage:	Mandatory
	Max Use:	10
	Purpose:	A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0470	NAD	Name and Address	M	1	
	0490		Segment Group 11: Contact Information	C		9
	0580		Segment Group 14: Charge Payment Instructions	C		6

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **38** of **122**

Sensitivity: Public

Segment:	**NAD** Name and Address
Position:	0470 (Trigger Segment)
Group:	Segment Group 10 (Name and Address) Mandatory
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to identify the party's name, address, and function.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	NAD+ZZZ+800023:160:192+BOOKER NAME:30 M AVE:DETROIT, MI

NAD+ZZZ+800023:160:192+BOOKER NAME:30 M AVE:DETROIT, MI
or
NAD+CA+SCAC:160:87+CARRIER NAME
or
NAD+CZ+800124:160:192+SHIPPER NAME:3 M ST:DETROIT, MI+++++06785
or
NAD+CZ+CARSHIPRCD:160:87+SHIPPER NAME :30 M AVE:DETROIT,
MI+++++06785+US
or
NAD+CZ+PASSTHROUGH:160:ZZZ+SHIPPER NAME:30 M AVE:DETROIT, MI
or
NAD+CZ+DUNSNUM:160:16+SHIPPER NAME:30 M AVE:DETROIT, MI

CA (Carrier) and ZZZ (Booking Party) must be sent MANDATORY.

Either CZ (Shipper) or FW (Forwarder) must be provided in Booking Request (0020
BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

Either Party Code (C082, 3039) or Name (C058, 3124) will always be provided.

MSC RECOMMENDS customers send Postal Id (3251) and Country code (3207) when
party is not coded.

MSC RECOMMENDS customers only provide FP (Freight Payer) party type when none
of the other party types are appropriate for handling of charges.

Only one of each party type will be sent per booking.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	3035		**PARTY FUNCTION CODE QUALIFIER**	M	1	an..3

Code giving specific meaning to a party.

Supplied Values:

CA	Carrier
	(3126) Party undertaking or arranging transport of goods between named points.
CN	Consignee
	(3132) Party to which goods are consigned.
CZ	Consignor
	(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
	Firm or grouping of co-contractors which has been awarded the contract.

				Contract Party		
	FP			Freight/charges payer		
				Party responsible for the payment of freight.		
	FW			Freight forwarder		
				Party arranging forwarding of goods.		
	N1			Notify party no. 1		
				The first party which is to be notified.		
				Used to indicate additional Notify party		
	N2			Notify party no. 2		
				The second party which is to be notified.		
				Used to indicate additional Notify party		
	NI			Notify party		
				(3180) Party to be notified of arrival of goods.		
				Used to indicate the main Notify party		
	ZZZ			Mutually defined		
				Party specification mutually agreed between interchanging parties.		
				Booking Party.		
		C082		**PARTY IDENTIFICATION DETAILS**	C	1
				Identification of a transaction party by code.		
M			**3039**	**Party identifier**	**M**	**an..35**
				Code specifying the identity of a party.		
				For Booking Party (NAD 3035 = ZZZ) the MSC TMS code has to be provided.		
M			**1131**	**Code list identification code**	**M**	**an..3**
				Identification of a code list.		
				Supplied Values:		
			160	Party identification		
				Identification of parties, corporates, etc.		
M			**3055**	**Code list responsible agency code**	**M**	**an..3**
				Code specifying the agency responsible for a code list.		
				Supplied Values:		
			16	US, D&B (Dun & Bradstreet Corporation)		
				Identifies the Dun & Bradstreet Corporation, United States.		
			87	Assigned by carrier		
				Codes assigned by the carrier.		
				Codes assigned by MSC.		
			ZZZ	Mutually defined		
				Pass through code. Mutually agreed between Customer and Carrier.		
		C058		**NAME AND ADDRESS**	C	1
				Unstructured name and address: one to five lines.		
M			**3124**	**Name and address line**	**M**	**an..35**
				Free form name and address description.		
			3124	**Name and address line**	C	**an..35**
				Free form name and address description.		
			3124	**Name and address line**	C	**an..35**
				Free form name and address description.		
			3124	**Name and address line**	C	**an..35**
				Free form name and address description.		
			3124	**Name and address line**	C	**an..35**

Free form name and address description.

X	C080		PARTY NAME	C	1	

Identification of a transaction party by name, one to five lines. Party name may be formatted.

X		3036	Party name	M		an..35

Name of a party involved in a transaction.

X		3036	Party name	C		an..35

Name of a party involved in a transaction.

X		3036	Party name	C		an..35

Name of a party involved in a transaction.

X		3036	Party name	C		an..35

Name of a party involved in a transaction.

X		3036	Party name	C		an..35

Name of a party involved in a transaction.

X		3045	Party name format code	C		an..3

Code specifying the representation of a party name.

Refer to D.99B Data Element Dictionary for acceptable code values.

	C059		STREET	C	1	

Street address and/or PO Box number in a structured address: one to four lines.

M		3042	Street and number/p.o. box	M		an..35

Street and number in plain language, or Post Office Box No.

		3042	Street and number/p.o. box	C		an..35

Street and number in plain language, or Post Office Box No.

X		3042	Street and number/p.o. box	C		an..35
X		3042	Street and number/p.o. box	C		an..35
X	3164		CITY NAME	C	1	an..35
X	C819		COUNTRY SUB-ENTITY DETAILS	C	1	

To specify a part of a country (eg county or part of a city).

X		3229	Country sub-entity name code	C		an..9

Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.

X		1131	Code list identification code	C		an..3

Identification of a code list.

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

Code specifying the agency responsible for a code list.

X		3228	Country sub-entity name	C		an..35

Name of sub-entities (state, province) defined by appropriate governmental agencies.

	3251		POSTAL IDENTIFICATION CODE	C	1	an..17

Code specifying the postal zone or address.

	3207		COUNTRY NAME CODE	C	1	an..3

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

Valid 2 Character ISO country code.

Group:	**CTA**	**Segment Group 11: Contact Information**

Position:	0490
Group:	Segment Group 10 (Name and Address) Mandatory
Level:	2
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A group of segments identifying a contact and its communications related to the party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0500	CTA	Contact Information	M	1	
M	0510	COM	Communication Contact	M	9	

Sensitivity: Public

Segment:	**CTA** Contact Information
Position:	0500 (Trigger Segment)
Group:	Segment Group 11 (Contact Information) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to identify a person or department within a party.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	CTA+IC+:NAD CONTACT

Spaces and/or dots alone will not be sent for Contact Name (C056, 3412).

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	3139		**CONTACT FUNCTION CODE**	M	1	an..3

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

Supplied Values:

	IC		Information contact

Department/person to contact for questions regarding transactions.

M	C056		**DEPARTMENT OR EMPLOYEE DETAILS**	M	1	

Code and/or name of a department or employee. Code preferred.

X		3413	**Department or employee identification**	C		an..17
M		3412	**Department or employee**	M		an..35

The department or person within an organizational entity.

Segment:	**COM** Communication Contact
Position:	0510
Group:	Segment Group 11 (Contact Information) Conditional (Optional)
Level:	3
Usage:	Mandatory
Max Use:	9
Purpose:	A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	COM+NAD CONTACT NUM:TE

Data Element Summary

Data Attributes	Component	Name	Req/Repeat/Repr	
M	C076		**COMMUNICATION CONTACT**	M 1
			Communication number of a department or employee in a specified channel.	
M		3148	**Communication number**	M an..512
			The communication number.	
M		3155	**Communication number code qualifier**	M an..3
			Code qualifying the communication number.	
			Supplied Values:	
		EM	Electronic mail	
			Exchange of mail by electronic means.	
			Email address is subject to validation as outlined in the preamble of this document.	
		FX	Telefax	
			Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.	
			Fax Number Will not be populated with spaces and/or dots alone.	
		TE	Telephone	
			Voice/data transmission by telephone.	
			Will not be populated with spaces and/or dots alone.	

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **44** of **122**

Sensitivity: Public

		Group:	**CPI** Segment Group 14: Charge Payment Instructions

Group: **CPI** Segment Group 14: Charge Payment Instructions

Position: 0580
Group: Segment Group 10 (Name and Address)   Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 6
Purpose: A group of segments to identify the charge and its amount to be paid by the party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0590	CPI	Charge Payment Instructions	M	1	
	0620	LOC	Place/Location Identification	C	1	

Sensitivity: Public

Segment:	**CPI** Charge Payment Instructions			

Segment: **CPI** Charge Payment Instructions

Position:	0590 (Trigger Segment)
Group:	Segment Group 14 (Charge Payment Instructions) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to identify default charge methodology.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	CPI+4++P

Information about charges is advisory only. Customers are advised that acknowledgement of receipt of charge information and confirmation of bookings with charge information does not constitute carrier acceptance of the charges in any form.

Access to Charge information (CPI and LOC) will be limited to Carrier (0470 NAD 3035 = CA) and Booking party (0470 NAD 3035 = ZZZ).

Charges indicated to be settled by party identified in the preceding NAD segment.

Only one occurrence of each charge type will be sent per transaction.

MSC RECOMMENDS customers only send charge type 11 (Origin haulage charges) when haulage arrangement code (TMD 8341) is requesting carrier haulage at export (CC or CM) and only send charge type 5 (Destination haulage charges) when haulage arrangement code (TMD 8341) is requesting carrier haulage at import (CC or MC).

This segment is not supported in the IFTMBC Transaction.

Data Element Summary

Data Attributes	Data Element	Component Element	Name		Req/Repeat/Repr	
M	C229		**CHARGE CATEGORY**		M	1
			Identification of a category or a zone of charges.			
M		5237	**Charge category code**		M	an..3
			Code specifying the category of charges.			
			Supplied Values:			
			2	Additional charges		
				Charges calculated by the carrier for specific events like re-weighting, re-loading, unexpected operations, services required during the voyage, etc.		
			4	Basic freight		
				The basic freight payable on the cargo as per tariff.		
			5	Destination haulage charges		
				Haulage charges for transporting goods to the destination.		
			7	Destination port charges		
				Charges payable at the port of destination.		
			10	Origin port charges		
				Charges payable at the port of origin.		
			11	Origin haulage charges		
				Haulage charges for the pickup of goods at origin.		
X		1131	**Code list identification code**		C	an..3
X		3055	**Code list responsible agency code**		C	an..3
X	C231		**METHOD OF PAYMENT**		C	1

Code identifying the method of payment.

X		4215	**Transport charges payment method code**	M		an..3

Identification of method of payment for transport charges.

X		1131	**Code list identification code**	C		an..3

Identification of a code list.

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

Code specifying the agency responsible for a code list.

M		4237	**PREPAID/COLLECT INDICATOR, CODED**	M	1	an..3

Code indicating whether freight item amount is prepaid or to be collected.

Supplied Values:

A   Payable elsewhere

Responsibility for payment of transport charges unknown at time of departure.

C   Collect

Charges are (to be) collected from the consignee at the destination.

P   Prepaid

Charges are (to be) prepaid before the transport actually leaves.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **47** of **122**

Sensitivity: Public

Segment:	**LOC** Place/Location Identification
Position:	0620
Group:	Segment Group 14 (Charge Payment Instructions) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	1
Purpose:	A segment to identify the place of charge collection.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	LOC+57+CHBSL:181:6:BASEL

LOC+57+CHBSL:181:6:BASEL
or
LOC+57+CHBSL:181:6:BASEL+:::SWITZERLAND
or
LOC+57+CHBSL:181:6:BASEL+CH:162:5
or
LOC+57+USNYC:181:6:NEW YORK+US:162:5+:::NY

This segment is used to identify the location at which responsible party (identified in the preceding NAD segment) will settle indicated charge.

Either Location code (C517, 3225) or Location name (C517, 3224) will always be provided.

MSC RECOMMENDS customers send country id (C519, 3223) or country name (C519, 3222) and state/province information (C553,3232) for any uncoded locations.

This segment is not supported in the IFTMBC Transaction

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
M	3227		**LOCATION FUNCTION CODE QUALIFIER**	M 1 an..3

Code identifying the function of a location.

Supplied Values:

| | 57 | | Place of payment |

Name of the location at which freight and charges for main transport are payable.

| | C517 | | **LOCATION IDENTIFICATION** | C 1 |

Identification of a location by code or name.

| | | 3225 | **Location name code** | C an..25 |

Code specifying the name of the location.

If there is no UNLOC or Carrier assigned code this field will be blank and the Port Name will be transmitted in element 3224.

| | | 1131 | **Code list identification code** | C an..3 |

Identification of a code list.

If C517, 3225 is populated this element will also be sent.

Supplied Values:

| | 181 | | Activity |

Code identifying activities.

| | | 3055 | **Code list responsible agency code** | C an..3 |

Code specifying the agency responsible for a code list.

If C517, 3225 is populated this element will also be sent.

Supplied Values:

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **48** of **122**

Sensitivity: Public

		6		UN/ECE (United Nations - Economic Commission for Europe)		
				UNLOCODE		
		87		Assigned by carrier		
				Codes assigned by the carrier.		
				Codes assigned by MSC.		
		3224	**Location name**	C		an..256
			Name of the location.			
	C519		**RELATED LOCATION ONE IDENTIFICATION**	C	1	
			Identification the first related location by code or name.			
		3223	**Related place/location one identification**	C		an..25
			Specification of the first related place/location by code.			
			Valid 2 Character ISO country code.			
		1131	**Code list identification code**	C		an..3
			Identification of a code list.			
			If C519,3223 is populated this element will also be sent.			
			Supplied Values:			
			162	Country		
				Identification of a country.		
		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
			If C519, 3223 is populated this element will also be sent.			
			Supplied Values:			
			5	ISO (International Organization for Standardization)		
		3222	**Related place/location one**	C		an..70
			Specification of the first related place/location by name.			
			Country Name			
	C553		**RELATED LOCATION TWO IDENTIFICATION**	C	1	
			Identification of second related location by code or name.			
X		3233	**Related place/location two identification**	C		an..25
X		1131	**Code list identification code**	C		an..3
X		3055	**Code list responsible agency code**	C		an..3
		3232	**Related place/location two**	C		an..70
			Specification of a second related place/location by name.			
			State/Province code or name.			
X	5479		**RELATION, CODED**	C	1	an..3

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **49** of **122**

Sensitivity: Public

Group: **GID** Segment Group 16: Goods Item Details
Position: 0700
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to describe the goods items for which transport is undertaken.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0710	GID	Goods Item Details	M	1	
	0780	PIA	Additional Product Id	C	2	
	0790	FTX	Free Text	C	3	
	0850		Segment Group 18: Measurements	C		2
	0880		Segment Group 19: Dimensions	C		1
	0910		Segment Group 20: Reference	C		9
	1070		Segment Group 25: Split Goods Placement	C		999
	1120		Segment Group 27: Dangerous Goods	C		99

Segment:	# GID Goods Item Details
Position:	0710 (Trigger Segment)
Group:	Segment Group 16 (Goods Item Details) Conditional (Optional)
Level:	1
Usage:	Mandatory
Max Use:	1
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.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	GID+1+2:CT:67:6:CARTON' GID+1'

This segment is MANDATORY for Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

The GID segment is used to report commodity level packaging.

MSC RECOMMENDS to customer that Pallets are not an acceptable packaging type.

MSC RECOMMENDS customers send only outer pack information for non-dangerous cargo.

MSC RECOMMENDS customer send inner and inner-inner pack for dangerous cargo only when there are multiple DG cargoes in the outer pack.

The total number of Pack Composites will not exceed 999 per transaction.

Notes:
- A GID Set is a group of GID lines identified by a unique GID   Sequence number (element 1496)
- Each new GID set will begin with an Outer Pack Composite.
- Only one Outer Pack Composite will be sent per GID set.
- Every C213 Pack Composite provided will have either a valid   package code, or package description, as well as the number of packages.
- An Outer Pack Composite must precede an Inner Pack Composite   and an Inner Pack Composite must precede an Inner-Inner Pack Composite.
- For hazardous commodity, package type code or package description and number of packages must be provided.
- Number of Packages must be a whole number greater than zero.
- MSC allows for a GID segment to be sent without package code/package description and number of packages (i.e. allow GID+1, GID+2) but if multiple package levels are sent, the package code or description and number of packages must be provided for all package level.
- If package code or package description is provided then number of package must also be provided.

Recommended GID construct:

GID+1+2:CR:67:6:CRATES   (Outer Pack Composite)
PIA+5+HARMONIZED CODE:HS
FTX+AAA+++BALL BEARINGS   (commodity description)
MEA+AAE+G+KGM:7000   (weight of outer pack)
SGP+01+2   (number of outer packages in a container)

Data Element Summary

Data   Component

Attributes

MSC MEDITERRANEAN SHIPPING COMPANY   msc.com
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com   Page **51** of **122**

Sensitivity: Public

	Element	Element	Name		Req/Repeat/Repr		
M	1496		**GOODS ITEM NUMBER**		M	1	n..5

Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.

| | | C213 | **NUMBER AND TYPE OF PACKAGES** | | C | 1 | |

Number and type of individual parts of a shipment.

Used to indicate the Inner package type and quantity.

| | | 7224 | **Number of packages** | | C | | n..8 |

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.

Number of Outer Packages.

Note: Must be a valid whole number greater than zero (no commas or decimals).

If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

| | | 7065 | **Package type description code** | | C | | an..17 |

Code specifying the type of package.

Two-character UN/ECE recommendation 21, revision 4 package codes.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

| | | 1131 | **Code list identification code** | | C | | an..3 |

Identification of a code list.

If C213, 7065 is populated this element will also be sent

Supplied Values:

	67		Type of package

Indication of the type of package codes.

| | | 3055 | **Code list responsible agency code** | | C | | an..3 |

Code specifying the agency responsible for a code list.

If C213, 7065 is populated this element will also be sent.

Supplied Values:

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

| | | 7064 | **Type of packages** | | C | | an..35 |

Description of the form in which goods are presented.

Package type description.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **52** of **122**

Sensitivity: Public

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

X	**7233**	**Packaging related description code**	**C**	**an..3**
C213		**NUMBER AND TYPE OF PACKAGES**	**C**	**1**

Number and type of individual parts of a shipment.

Used to indicate the Inner package type and quantity.

MSC RECOMMENDS customer send inner pack for dangerous cargo only.

7224	**Number of packages**	**C**	**n..8**

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.

Number of Inner Packages.

Note: Must be a valid whole number greater than zero (no commas or decimals).

If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

7065	**Package type description code**	**C**	**an..17**

Code specifying the type of package.

Two-character UN/ECE recommendation 21, revision 4 package codes.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

1131	**Code list identification code**	**C**	**an..3**

Identification of a code list.

If C213, 7065 is populated this element will also be sent.

Supplied Values:

67	Type of package
	Indication of the type of package codes.

3055	**Code list responsible agency code**	**C**	**an..3**

Code specifying the agency responsible for a code list.

If C213, 7065 is populated this element will also be sent.

Supplied Values:

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

7064	**Type of packages**	**C**	**an..35**

MSC MEDITERRANEAN SHIPPING COMPANY

12-14 Chemin Rieu CH-1208 Geneva, Switzerland

T: +41 22 703 8888   E: info@msc.com

msc.com

Page 53 of 122

Sensitivity: Public

Description of the form in which goods are presented.

Package type description.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

X		7233	**Packaging related description code**	C	an..3
	C213		**NUMBER AND TYPE OF PACKAGES**	C	1

Number and type of individual parts of a shipment.

Used to indicate the Inner-inner package type and quantity.

MSC RECOMMENDS customer send inner-inner pack for dangerous cargo only.

		7224	**Number of packages**	C	n..8

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.

Number of Inner-inner Packages.

Note: Must be a valid whole number greater than zero (no commas or decimals).

If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

		7065	**Package type description code**	C	an..17

Code specifying the type of package.

Two-character UN/ECE recommendation 21, revision 4 package codes.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

		1131	**Code list identification code**	C	an..3

Identification of a code list.

If C213, 7065 is populated this element will also be sent.

Supplied Values:
67	Type of package

Indication of the type of package codes.

		3055	**Code list responsible agency code**	C	an..3

Code specifying the agency responsible for a code list.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **54** of **122**

Sensitivity: Public

If C213, 7065 is populated this element will also be sent.

Supplied Values:

| 6 | UN/ECE (United Nations - Economic Commission for Europe) |

		7064	**Type of packages**	**C**	**an..35**

Description of the form in which goods are presented.

Package type description.

If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.

For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.

For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.

X		**7233**	**Packaging related description code**	**C**	**an..3**
X	**C213**		**NUMBER AND TYPE OF PACKAGES**	**C**	**1**

Number and type of individual parts of a shipment.

X		**7224**	**Number of packages**	**C**	**n..8**

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.

X		**7065**	**Package type description code**	**C**	**an..17**

Code specifying the type of package.

X		**1131**	**Code list identification code**	**C**	**an..3**

Identification of a code list.

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

Code specifying the agency responsible for a code list.

X		**7064**	**Type of packages**	**C**	**an..35**

Description of the form in which goods are presented.

X		**7233**	**Packaging related description code**	**C**	**an..3**

Code specifying information related to packaging.

X	**C213**		**NUMBER AND TYPE OF PACKAGES**	**C**	**1**

Number and type of individual parts of a shipment.

X		**7224**	**Number of packages**	**C**	**n..8**

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.

X		**7065**	**Package type description code**	**C**	**an..17**

Code specifying the type of package.

X		**1131**	**Code list identification code**	**C**	**an..3**

Identification of a code list.

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

Code specifying the agency responsible for a code list.

X		**7064**	**Type of packages**	**C**	**an..35**

Description of the form in which goods are presented.

X		**7233**	**Packaging related description code**	**C**	**an..3**

Code specifying information related to packaging.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **55** of **122**

Sensitivity: Public

Segment:	**PIA** Additional Product Id	
Position:	0780	
Group:	Segment Group 16 (Goods Item Details)	Conditional (Optional)
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	2	
Purpose:	A segment to specify article numbers.	
Dependency Notes:		
Semantic Notes:		
Comments:		
Notes:	PIA+5+HARMONIZED CODE:HS	

PIA+5+HARMONIZED CODE:HS

Only one of each type of Commodity Id will be provided per GID.

MSC RECOMMENDS that customers provide at least one of Commodity Id or Commodity Description (as defined in the FTX segment) for each outer GID.

MSC RECOMMENDS that commodity Id's be provided only at the outer pack level for non-dangerous commodities.

This segment is not supported in the IFTMBC Transaction.

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	4347		**PRODUCT ID. FUNCTION QUALIFIER**	M	1	an..3
			Indication of the function of the product code.			
			Supplied Values:			
		5	Product identification			
M	C212		**ITEM NUMBER IDENTIFICATION**	M	1	
			Goods identification for a specified source.			
M		7140	**Item number**	M		an..35
			A number allocated to a group or item.			

US Census Bureau Schedule B number   Valid example: 220600

Invalid examples: 22.06.00, 22 0600

Harmonized tariff system code

Valid example: 010190

Invalid examples: 010.190, 100 190

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M		7143	**Item type identification code**	M		an..3
			Code specifying an item code.			
			Supplied Values:			
		CG	Commodity grouping			

Code for a group of articles with common characteristics (e.g. used for statistical purposes).
US Census Bureau Schedule B number.

HS   Harmonised system

MSC recommends that customers use 6 character classification codes from the World Customs Organization (WCO) Harmonized System (HS) Schedule.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **56** of **122**

Sensitivity: Public

X		1131	**Code list identification code**	C		**an..3**
X		3055	**Code list responsible agency code**	C		**an..3**
X	**C212**		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
X		7140	**Item number**	C		**an..35**
			A number allocated to a group or item.			
X		7143	**Item type identification code**	C		**an..3**
			Code specifying an item code.			
X		1131	**Code list identification code**	C		**an..3**
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		**an..3**
			Code specifying the agency responsible for a code list.			
X	**C212**		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
X		7140	**Item number**	C		**an..35**
			A number allocated to a group or item.			
X		7143	**Item type identification code**	C		**an..3**
			Code specifying an item code.			
X		1131	**Code list identification code**	C		**an..3**
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		**an..3**
			Code specifying the agency responsible for a code list.			
X	**C212**		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
X		7140	**Item number**	C		**an..35**
			A number allocated to a group or item.			
X		7143	**Item type identification code**	C		**an..3**
			Code specifying an item code.			
X		1131	**Code list identification code**	C		**an..3**
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		**an..3**
			Code specifying the agency responsible for a code list.			
X	**C212**		**ITEM NUMBER IDENTIFICATION**	C	1	
			Goods identification for a specified source.			
X		7140	**Item number**	C		**an..35**
			A number allocated to a group or item.			
X		7143	**Item type identification code**	C		**an..3**
			Code specifying an item code.			
X		1131	**Code list identification code**	C		**an..3**
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		**an..3**
			Code specifying the agency responsible for a code list.			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **57** of **122**

Sensitivity: Public

	Segment:	**FTX** Free Text
	Position:	0790
	Group:	Segment Group 16 (Goods Item Details) Conditional (Optional)
	Level:	2
	Usage:	Conditional (Optional)
	Max Use:	3
	Purpose:	A segment to specify processable supplementary information relating to the goods item.
	Dependency Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	FTX+AAA+++GOODS DESCRIPTION

Notes:
FTX+AAA+++GOODS DESCRIPTION
or
FTX+CUS++UCN:110:ZZZ+857_2938476

MSC RECOMMENDS that customers provide at least one of Commodity Description or Commodity Id (as defined in the PIA segment) for each outer GID.

MSC RECOMMENDS that Commodity Description be limited to the Outer Pack level for non-dangerous goods.

Only 1 segment per GID loop will be sent with Text Subject Code Qualifier of AAA.

Only 2 segments per GID loop will be set with Text Subject Code Qualifier of CUS each containing only 1 of Free Text Value Code CCN or UCN.

Text subject CUS may appear at other levels in the transaction. CCN and UCN will only appear at one level in the transaction.

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	4451		**TEXT SUBJECT CODE QUALIFIER**	M	1	an..3
			Code specifying the subject of the text.			

Supplied Values:

AAA		Goods 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).
CUS		Customs declaration information
		Note contains customs declaration information.

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
X	4453		**TEXT FUNCTION, CODED**	C	1	an..3
	C107		**TEXT REFERENCE**	C	1	
			Coded reference to a standard text and its source.			
M		4441	**Free text value code**	M		an..17
			Code specifying free form text.			

Supplied Values:

CCN		Canadian Cargo Control Number
		Typically provided by the Carrier for use by registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada.
		Will only be sent when Text Subject Code Qualifier (4451) = CUS.
UCN		Customs Export Declaration Unique Consignment

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **58** of **122**

Sensitivity: Public

Reference (DUCR)

Typically provided by the Exporter or its Agent for shipments departing Great Britain.   Will only be sent when Text Subject Code Qualifier (4451) = CUS.

M		1131	**Code list identification code**	**M**		**an..3**

Identification of a code list.

Supplied Values:

		110	Customs special codes			

Customs code to indicate an exemption to a regulation or a special Customs treatment.

M		3055	**Code list responsible agency code**	**M**		**an..3**

Code specifying the agency responsible for a code list.

Supplied Values:

		ZZZ	Mutually defined			
M	C108		**TEXT LITERAL**	**M**	**1**	

Free text; one to five lines.

M		4440	**Free text value**	**M**		**an..512**

Free form text.

This element will always be populated.

		4440	**Free text value**	**C**		**an..512**

Free form text.

This element may be populated when Text Subject Code Qualifier (4451) = AAA.

This element will not be populated when Text Subject Code Qualifier (4451) = CUS.

X		4440	**Free text value**	**C**		**an..512**
X		4440	**Free text value**	**C**		**an..512**
X		4440	**Free text value**	**C**		**an..512**
X	3453		**LANGUAGE NAME CODE**	**C**	**1**	**an..3**
X	4447		**TEXT FORMATTING, CODED**	**C**	**1**	**an..3**

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **59** of **122**

Sensitivity: Public

	Group:	**MEA** Segment Group 18: Measurements
	Position:	0850
	Group:	Segment Group 16 (Goods Item Details) Conditional (Optional)
	Level:	2
	Usage:	Conditional (Optional)
	Max Use:	2
	Purpose:	A group of segments to specify measurements applicable to a goods item.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M 0860	MEA	Measurements	M	1	

MSC MEDITERRANEAN SHIPPING COMPANY

12-14 Chemin Rieu CH-1208 Geneva, Switzerland

T: +41 22 703 8888   E: info@msc.com

msc.com

Page **60** of **122**

Sensitivity: Public

Segment:	**MEA** Measurements			

Segment: **MEA** Measurements
Position: 0860 (Trigger Segment)
Group: Segment Group 18 (Measurements) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements, other than dimensions, applicable to a goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: MEA+AAE+G+KGM:3000.135
or
MEA+AAE+AAW+MTQ:30.0654

Only one Volume and Weight Measurement will be sent per GID loop.

MSC RECOMMENDS that Customers provide at a minimum one of the following weight measurements in Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions;

- Outer Pack GID commodity weight (provided in this segment).
- SGP container weight (1100 MEA segment).
- Container weight (1300 MEA segment)

MSC RECOMMENDS that customers provide Inner and Inner-Inner level measurements in Booking transactions with Dangerous cargo at those levels.

All numeric values will conform to below rules:

- Decimal will be represented using the dot ('.').
- Group separators will not be sent.

1. Weight: Maximum 3 digits of precision allowed:
 examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

2. Volume: Maximum 4 digits of precision allowed:
 examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	6311		**MEASUREMENT ATTRIBUTE CODE**	M	1	an..3
			Code specifying the measurement attribute.			
			Supplied Values:			
			AAE Measurement			
			[6314] Value of the measured unit.			
M	C502		**MEASUREMENT DETAILS**	M	1	
			Identification of measurement type.			
M		6313	**Measured attribute code**	M		an..3
			Code specifying the attribute measured.			
			Supplied Values:			
			AAW Gross volume			
			The observed volume unadjusted for factors such as temperature or gravity.			
			G Gross weight			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **61** of **122**

Sensitivity: Public

			[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.		
X		6321	**Measurement significance, coded**	C	an..3
X		6155	**Non-discrete measurement name code**	C	an..17
X		6154	**Non-discrete measurement name**	C	an..70
M	C174		**VALUE/RANGE**	M	1
			Measurement value and relevant minimum and maximum values of the measurement range.		
M		6411	**Measurement unit code**	M	an..3
			Code specifying the unit of measurement.		

Supplied Values:

For Weight:
KGM = Kilograms
LBR = Pounds

For Volume:
FTQ = Cubic feet
MTQ = Cubic meters

M		6314	**Measurement value**	M	an..18
			Value of the measured unit.		
X		6162	**Range minimum**	C	n..18
X		6152	**Range maximum**	C	n..18
X		6432	**Significant digits**	C	n..2
X	7383		**SURFACE/LAYER CODE**	C 1	an..3

Group: **DIM** **Segment Group 19: Dimensions**
Position: 0880
Group: Segment Group 16 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to specify dimensions applicable to a goods item.

Segment Summary

	Pos. No.	Seg. ID	Name		Req. Des.	Max. Use	Group: Repeat
M	0890	DIM	Dimensions		M	1	

Segment:	**DIM** Dimensions
Position:	0890 (Trigger Segment)
Group:	Segment Group 19 (Dimensions) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	To specify dimensions applicable to a goods item.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	DIM+2+MTR:16.764:12.192:6.096

The information in this segment represents the dimensions of the OOG commodity.

MSC REQUIRES that customers send this segment at the outer pack level only.

MSC RECOMMENDS customer send this segment only if cargo is OOG.

MSC RECOMMENDS that customers send the OOG flag in the GDS segment when Out of Gauge cargo is indicated in this segment.

All numeric values will conform to below rules:

- Decimal will be represented using the dot ('.').
- Group separators will not be sent.

1. Length, Width, Height: Maximum 3 digits of precision allowed:
examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

Data Element Summary

Data Attributes	Component			
	Element	**Element**	**Name**	**Req/Repeat/Repr**
M	**6145**		**DIMENSION QUALIFIER**	**M** 1 an..3

To specify the dimensions applicable to each of the transportable units.

Supplied Values:	
2	Package dimensions (including goods)
	The dimension of the goods including the packaging.

M	**C211**		**DIMENSIONS**	**M** 1

Specification of the dimensions of a transportable unit.

M		**6411**	**Measurement unit code**	**M** an..3

Code specifying the unit of measurement.

If this element is populated then at least one of the following will be sent, (C211, 6168), (C211, 6140), or (211, 6008).

Supplied Values:	
FET	Feet
MTR	Meters

		6168	**Length dimension**	**C** n..15

Length of pieces or packages stated for transport purposes.

		6140	**Width dimension**	**C** n..15

Width of pieces or packages stated for transport purposes.

		6008	**Height dimension**	**C** n..15

Height of pieces or packages stated for transport purposes.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **64** of **122**

Sensitivity: Public

Group: **RFF** Segment Group 20: Reference

Position: 0910
Group: Segment Group 16 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify references to a goods item.

<div align="center">

Segment Summary

</div>

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0920	RFF	Reference	M	1	
	0930	DTM	Date/Time/Period	C	1	

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **65** of **122**

Sensitivity: Public

Segment:	**RFF** Reference				
Position:	0920 (Trigger Segment)				
Group:	Segment Group 20 (Reference)	Conditional (Optional)			
Level:	2				
Usage:	Mandatory				
Max Use:	1				
Purpose:	A segment to identify a reference to a goods item.				
Dependency Notes:					
Semantic Notes:					
Comments:					

Notes:

RFF+ABW:COMMODITY SKU NUMBER

RFF+ON:PURCHASE ORDER NUMBER

RFF+EX:EXPORT LICENSE NUMBER

RFF+AKG:4T1BE30K44U797354

Multiple occurrences of ABW, AKG and ON may be provided.

Any reference type code sent here will not appear at any other level in this transaction.

MSC RECOMMENDS that customers only send ON (Purchase Order Number) at this level, if each commodity has a different purchase order number.

EX (Export License Number) will only be sent, at this level, if each commodity has a different export license number.

MSC RECOMMENDS to customers that references be provided only at the outer GID for non-dangerous commodities.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	C506		**REFERENCE**	M	1	
			Identification of a reference.			
M		1153	**Reference function code qualifier**	M		an..3
			Code giving specific meaning to a reference segment or a reference number.			
			Supplied Values:			
			ABW	Stock keeping unit number		
				SKU number of commodity		
			AKG	Vehicle Identification Number (VIN)		
				The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
			EX	Export licence number		
				[1208] Reference number assigned by issuing authority to an Export Licence.		
			ON	Order number (purchase)		
				[1022] Reference number assigned by the buyer to an order.		
M		1154	**Reference identifier**	M		an..35
			Identifies a reference.			
X		1156	**Line number**	C		an..6
X		4000	**Reference version identifier**	C		an..35

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page 66 of 122

Sensitivity: Public

| X | 1060 | Revision number | C | an..6 |

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

Position:	0930
Group:	Segment Group 20 (Reference) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	1
Purpose:	A segment to indicate date and time relating to the reference.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

DTM+182:20070426:102
or
DTM+36:20071126:102

Notes:
- This DTM is used only for Export License Dates and will immediately follow Export License number (segment RFF C506, 1153 = "EX").
- Issue date will not be more than 2 years prior to current date.
- Expiration date will not be more than 2 years after current date.
- If sent, Date will be valid according to format code '102'.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	C507		**DATE/TIME/PERIOD**	M	1	
			Date and/or time, or period relevant to the specified date/time/period type.			
M		2005	**Date/time/period function code qualifier**	M		an..3
			Code giving specific meaning to a date, time or period.			

Supplied Values:

36		Expiry date
		Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.
182		Issue date
		Date when a document/message has been or will be issued.

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M		2380	**Date/time/period value**	M		an..35
			The value of a date, a date and time, a time or of a period in a specified representation.			
M		2379	**Date/time/period format code**	M		an..3
			Code specifying the representation of a date, time or period.			

Supplied Values:

102		CCYYMMDD
		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **68** of **122**

Sensitivity: Public

Group: **SGP** **Segment Group 25: Split Goods Placement**

Position: 1070
Group: Segment Group 16 (Goods Item Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to specify the distribution of a goods item among the transport equipment.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1080	SGP	Split Goods Placement	M	1	
	1090		Segment Group 26: Measurements	C		2

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **69** of **122**

Sensitivity: Public

Segment:	**SGP** Split Goods Placement	
Position:	1080 (Trigger Segment)	
Group:	Segment Group 25 (Split Goods Placement)	Conditional (Optional)
Level:	2	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A segment to identify the equipment in which goods are transported.	

Dependency Notes:
Semantic Notes:
Comments:
Notes:

SGP+AAAA1234567+24
or
SGP+01+24

This segment is not supported in the IFTMBC Transaction.

The SGP segment is used to indicate the portion of a commodity that is loaded in a specific container.

If supplied, container details (1270 EQD) will also be sent.

This segment will only be sent at GID set Outer Pack Composite.

If SGP is sent it will be sent for every GID set.

MSC RECOMMENDS that Customers provide SGP information for Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

Notes:
- in the case of Split Goods (same commodity within multiple containers), the SGP segment will repeat within the GID set for each container.
- Each distinct container number listed in an SGP (composite element C237 8260) will have a matching container number in an EQD segment.

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	C237		**EQUIPMENT IDENTIFICATION**	M	1	
			Marks (letters/numbers) identifying equipment.			
M		8260	**Equipment identification number**	M		an..17
			Marks (letters and/or numbers) which identify equipment e.g. unit load device.			
			Container number (actual or logical).			
X		1131	**Code list identification code**	C		an..3
X		3055	**Code list responsible agency code**	C		an..3
X		3207	**Country name code**	C		an..3
		7224	**NUMBER OF PACKAGES**	C	1	n..8
			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.			
			Number of outer packages in container (must be a valid whole number with no decimal or commas).			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **70** of **122**

Sensitivity: Public

	Group:	**MEA** Segment Group 26: Measurements	

Group: **MEA** Segment Group 26: Measurements

Position:	1090
Group:	Segment Group 25 (Split Goods Placement) Conditional (Optional)
Level:	3
Usage:	Conditional (Optional)
Max Use:	2
Purpose:	A group of segments to identify measurements.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1100	MEA	Measurements	M	1	

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **71** of **122**

Sensitivity: Public

	Segment:	**MEA** Measurements
	Position:	1100 (Trigger Segment)
	Group:	Segment Group 26 (Measurements) Conditional (Optional)
	Level:	3
	Usage:	Mandatory
	Max Use:	1
	Purpose:	A segment to specify measurements of that portion of the goods item in the equipment.
	Dependency Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	MEA+AAE+G+KGM:3000.135

MEA+AAE+G+KGM:3000.135
or MEA+AAE+AAW+MTQ:30.0654

Only one Volume and Weight Measurement will be sent per SGP loop.

MSC RECOMMENDS that Customers provide at a minimum one of the following weight measurements in Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions;

 - Outer Pack GID commodity weight (provided in this segment).
- SGP container weight (1100 MEA segment).
- Container weight (1300 MEA segment)

All numeric values will confirm to below rules:

- Decimal will be represented using the dot ('.').
- Group separators will not be sent.

1. Weight: Maximum 3 digits of precision allowed:
examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

2. Volume: Maximum 4 digits of precision allowed:
examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	6311		**MEASUREMENT ATTRIBUTE CODE**	M	1	an..3
			Code specifying the measurement attribute.			
			Supplied Values:			
			AAE Measurement			
			[6314] Value of the measured unit.			
M	C502		**MEASUREMENT DETAILS**	M	1	
			Identification of measurement type.			
M		6313	**Measured attribute code**	M		an..3
			Code specifying the attribute measured.			
			Supplied Values:			
			AAW Gross volume			
			The observed volume unadjusted for factors such as temperature or gravity.			
			G Gross weight			
			[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.			
X		6321	**Measurement significance, coded**	C		an..3
X		6155	**Non-discrete measurement name code**	C		an..17

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **72** of **122**

Sensitivity: Public

X		6154	**Non-discrete measurement name**	C		an..70
M	C174		**VALUE/RANGE**	M	1	

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

M		6411	**Measurement unit code**	M		an..3

Code specifying the unit of measurement.

Supplied values:

For Weight:
KGM = Kilograms
LBR = Pounds

For Volume:
FTQ = Cubic feet
MTQ = Cubic meters

M		6314	**Measurement value**	M		an..18

Value of the measured unit.

X		6162	**Range minimum**	C		n..18
X		6152	**Range maximum**	C		n..18
X		6432	**Significant digits**	C		n..2
X	7383		**SURFACE/LAYER CODE**	C	1	an..3

Sensitivity: Public

	Group:	**DGS** Segment Group 27: Dangerous Goods
	Position:	1120
	Group:	Segment Group 16 (Goods Item Details) Conditional (Optional)
	Level:	2
	Usage:	Conditional (Optional)
	Max Use:	99
	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.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1130	DGS	Dangerous Goods	M	1	
M	1140	FTX	Free Text	M	12	
	1150		Segment Group 28: Contact Information	C		3
	1180		Segment Group 29: Measurements	C		4
	1210		Segment Group 30: Split Goods Placement	C		999

Sensitivity: Public

Segment:	**DGS** Dangerous Goods		
Position:	1130 (Trigger Segment)		
Group:	Segment Group 27 (Dangerous Goods)	Conditional (Optional)	
Level:	2		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment to indicate the class of dangerous goods, packing group, etc.		
Dependency Notes:			
Semantic Notes:			
Comments:			
Notes:	DGS+IMD+3.2:23-2:003+1993+43.3:CEL+2+EMSNBR++345++1.2:2.3		

MSC RECOMMENDS that customers send inner and inner-inner packing details for dangerous commodities only when multiple dangerous commodities exist in the Outer pack.

Note:
- In case more than one IMO code applies, an additional 2 may be sent in the DGS segment (C236,8246).

Flash Point Temperature will conform to below rules:

- Decimal will be represented using the dot ('.').
- Temperature values will not include group separators.
- Temperature will contain 3 valid Numeric Digits, and   may also contain a decimal and minus sign ('-').
- Maximum Precision of Temperature is 1.
- Negative Temperature will include a Minus sign ('-')   and it will be in the first position of the element.
- Positive Temperature will be Unsigned.

Valid examples:
005, -005, -05.5, 55.2, 45.0

Invalid examples:
1, -5, -05, 5.5, 23-, 35, .3, 5.04, +045

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	8273		**DANGEROUS GOODS REGULATIONS CODE**	M	1	an..3
			Code specifying a dangerous goods regulation.			
			Supplied Values:			
			IMD IMO IMDG code			
			Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.			
M	C205		**HAZARD CODE**	M	1	
			The identification of the dangerous goods in code.			
M		8351	**Hazard code identification**	M		an..7
			Dangerous goods code.			
		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.			
		8092	**Hazard code version number**	C		an..10
			The version/revision number of date of issuance of the code used.			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page 75 of 122

Sensitivity: Public

M	C234	UNDG INFORMATION	M	1	

Information on dangerous goods, taken from the United Nations Dangerous Goods classification.

M		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.

X		7088	Dangerous goods flashpoint	C	an..8
	C223		DANGEROUS GOODS SHIPMENT FLASHPOINT	C	1

Temperature at which a vapor can be ignited as per ISO 1523/73.

M		7106	Shipment flashpoint	M	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.

M		6411	Measurement unit code	M	an..3

Code specifying the unit of measurement.

Supplied Values:

CEL	Celsius/Centigrade
FAH	Fahrenheit

	8339		PACKING GROUP, CODED	C	1 an..3

Identification of a packing group by code.

Supplied Values:

1	Great danger

Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations.

2	Medium danger

Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IDMG/ADR/RID regulations.

3	Minor danger

Packaging meeting criteria to pack hazardous materials with minor danger. Group III according to IATA/IDMG/ADR/RID regulations.

	8364		EMS NUMBER	C	1 an..6

Emergency procedures for ships carrying dangerous goods.

X	8410		MFAG	C	1 an..4
	8126		TREM CARD NUMBER	C	1 an..10

The identification of a transport emergency card giving advice for emergency actions.

X	C235		HAZARD IDENTIFICATION PLACARD DETAILS	C	1

These numbers appear on the hazard identification placard required on the means of transport.

X		8158	Hazard identification number, upper part	C	an..4

The id. number for the Orange Placard (upper part) required on the means of transport.

X		8186	Substance identification number, lower part	C	an4

The number for the Orange Placard (lower part) required on the means of transport.

	C236		DANGEROUS GOODS LABEL	C	1

Markings identifying the type of hazardous goods and similar information.

M		8246	Dangerous goods label marking	M	an..4

Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.

2nd IMO code
Used if more than one IMO class applied to the dangerous commodity.

		8246	Dangerous goods label marking	C	an..4

Marking identifying the type of hazardous goods (substance),
Loading/Unloading instructions and advising actions in case of emergency.
3rd IMO code
Used if more than two IMO class applied to the dangerous commodity.

X		**8246**	**Dangerous goods label marking**	C	an..4
X	8255		**PACKING INSTRUCTION, CODED**	C	1 an..3
X	8325		**CATEGORY OF MEANS OF TRANSPORT, CODED**	C	1 an..3
			Refer to D.99B Data Element Dictionary for acceptable code values.		
X	8211		**PERMISSION FOR TRANSPORT, CODED**	C	1 an..3

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **77** of **122**

Sensitivity: Public

Segment:	**FTX** Free Text		
Position:	1140		
Group:	Segment Group 27 (Dangerous Goods)	Conditional (Optional)	
Level:	3		
Usage:	Mandatory		
Max Use:	12		
Purpose:	A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.		

Dependency Notes:
Semantic Notes:
Comments:
Notes: FTX+AAD++PSN:122:ZZZ+PROPER DANGEROUS SHIPPING NAME

One segment coded for Dangerous goods, proper shipping name (as above) will be transmitted per DGS loop.

Only 4 segments per DGS loop will be sent with Text Subject Code Qualifier of AAC;
1 with Free text value code not populated.
1 with Free Text value code of GAS, LQD or SLD.
1 with Free text value code of NP, P or PP.
1 with Free text value code of IHL.
Only 3 segments per DGS loop will be sent with Text Subject Code Qualifier of AAD each containing only 1 of Free text value code of PSN, TLQ or TN.
Only 1 segment per DGS loop will be sent with Text Subject Code Qualifier of HAN and Free text value code of 4.
Only 1 segment per DGS loop will be sent with Text Subject Code Qualifier of AEP and Free text value code is not populated.
Only 1 segment per DGS loop will be sent with Text Subject Code Qualifier of PKG and Free text value code is populated with IBC packing code.
Only 1 segment per DGS loop will be sent with Text Subject Code Qualifier of HAZ and Free text value code is not populated.
Only 1 segment per DGS loop may be sent with Text Subject Code Qualifier of REG and Free text value code is not populated.

Examples of other DGS/FTX segments.

FTX+AAD++TN:122:ZZZ+DANGEROUS GOODS TECHNICAL SHIPPING NAME

FTX+AAD++TLQ:122:ZZZ or FTX+AAC+++DANGEROUS GOODS ADDITIONAL INFORMATION or FTX+AAC++P:122:ZZZ

FTX+AAC++PP:122:ZZZ

FTX+HAN++4:122:ZZZ

FTX+AEP+++RADIO ACTIVE ADDITIONAL INFORMATION

FTX+PKG++6HA1:183:ZZZ

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
M	4451		**TEXT SUBJECT CODE QUALIFIER**	M 1 an..3
			Code specifying the subject of the text.	
			Supplied Values:	
		AAC	Dangerous goods additional information	

			Additional information concerning dangerous goods.		
			Used for General Haz Mat comments.		
	AAD		Dangerous goods, technical name		
			Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature.		
	AEP		Radioactive goods, additional information		
			Additional information related to radioactive goods.		
	HAN		Handling instructions		
			[4078] Instructions on how specified goods, packages or containers should be handled.		
	HAZ		Hazard information		
			Information pertaining to a hazard.		
			Used to indicate the Haz Mat Placard (Explosive, Flammable, etc.).		
	PKG		Packaging information		
			Note contains packaging information.		
			IBC (intermediate bulk container code).		
	REG		Regulatory information		
			The free text contains information for regulatory authority.		

X	4453	**TEXT FUNCTION, CODED**	**C**	**1**	**an..3**

Refer to D.99B Data Element Dictionary for acceptable code values.

	C107	**TEXT REFERENCE**	**C**	**1**	

Coded reference to a standard text and its source.

GAS (Gas), LQD (Liquid), SLD (Solid) are mutually exclusive.

NP (Non-marine pollutant), P (Marine pollutant), PP (Severe marine pollutant) are mutually exclusive.

When Text Subject Code Qualifier (4451) = PKG this element will contain IBC (intermediate bulk container code)

M	4441	**Free text value code**	**M**		**an..17**

Code specifying free form text.

When text subject code (4451) = PKG this element will contain IBC (intermediate bulk container code).

Will always be sent when text subject code (4451) = AAD, HAN or PKG.

Will never be sent when text subject code (4451) = AEP, HAZ or REG.

May be sent when text subject code (4451) = AAC.

Supplied Values:

4	Empty, uncleaned receptacle
	If sent Text Subject Code Qualifier (4451) will be HAN.
GAS	Gas
	Hazardous commodity aggregate
	If sent Text Subject Code Qualifier (4451) will be AAC.
IHL	Inhalant hazard
	If sent Text Subject Code Qualifier (4451) will be AAC.
LQD	Liquid
	Hazardous commodity aggregate

			If sent Text Subject Code Qualifier (4451) will be AAC		
	NP		Non-marine pollutant		
			If sent Text Subject Code Qualifier (4451) will be AAC.		
	P		Marine pollutant, oder		
			If sent Text Subject Code Qualifier (4451) will be AAC.		
	PP		Severe marine pollutant		
			If sent Text Subject Code Qualifier (4451) will be AAC.		
	PSN		Proper dangerous goods shipping name		
			If sent Text Subject Code Qualifier (4451) will be AAD		
	SLD		Solid		
			Hazardous commodity aggregate		
			If sent Text Subject Code Qualifier (4451) will be AAC		
	TLQ		Transport of dangerous goods in limited quantities		
			If sent Text Subject Code Qualifier (4451) will be AAD.		
	TN		Dangerous goods technical name		
			If sent Text Subject Code Qualifier (4451) will be AAD.		

M 1131 **Code list identification code** **M** an..3

Identification of a code list.

Supplied Values:

122	Commodity	
	(7357) Code identifying types of goods for Customs, transport or statistical purposes (generic term).	
	Applicable in conjunction with all codes shown in Free text value code (C107,4441) except 'PKG'	
183	Dangerous goods packing type	
	Identification of package types for the description related to dangerous goods.	
	IBC intermediate bulk container code	
	Used only in conjunction with text code qualifier (4451) PKG (Packaging information) and free form text in C107,4441.	

M 3055 **Code list responsible agency code** **M** an..3

Code specifying the agency responsible for a code list.

Supplied Values:

ZZZ	Mutually defined	

C108 **TEXT LITERAL** **C** 1

Free text; one to five lines.

M 4440 **Free text value** **M** an..512

Free form text.

This element will be populated when Text Subject Code Qualifier (4451) = AEP, HAZ, or REG.

This element will be populated when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated.

This element will be populated when Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = PSN or TN.

This element will not be populated when Text Subject Code Qualifier (4451) = HAN or PKG.

This element will not be populated when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is populated.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **80** of **122**

Sensitivity: Public

		This element will not be populated when Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = TLQ.			
	4440	**Free text value**	**C**		**an..512**
		Free form text.			
		This element may be populated when Text Subject Code Qualifier (4451) = AEP, HAZ, or REG. This element may be populated when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated. This element will not be populated when Text Subject Code Qualifier (4451) = AAC, HAN or PKG and Text Value Code (C107, 4441) is populated. This element will not be populated when Text Subject Code Qualifier (4451) = AAD and Text Value Code (C107, 4441) = TLQ.			
X	**4440**	**Free text value**	**C**		**an..512**
X	**4440**	**Free text value**	**C**		**an..512**
X	**4440**	**Free text value**	**C**		**an..512**
X	**3453**	**LANGUAGE NAME CODE**	**C**	**1**	**an..3**
X	**4447**	**TEXT FORMATTING, CODED**	**C**	**1**	**an..3**

	Group:	**CTA** **Segment Group 28: Contact Information**		
	Position:	1150		
	Group:	Segment Group 27 (Dangerous Goods)	Conditional (Optional)	
	Level:	3		
	Usage:	Conditional (Optional)		
	Max Use:	3		
	Purpose:	A group of segments to identify a contact to whom communication regarding the dangerous goods can be directed.		

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1160	CTA	Contact Information	M	1	
M	1170	COM	Communication Contact	M	3	

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **82** of **122**

Sensitivity: Public

Segment:			**CTA** Contact Information			

Position: 1160 (Trigger Segment)
Group: Segment Group 28 (Contact Information)   Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department.
Dependency Notes:
Semantic Notes:
Comments:
Notes: CTA+HE+:EMERGENCY CONTACT

MSC RECOMMENDS that customers include a DGS Contact when GID level DGS information is provided.

Spaces and/or dots alone will not be sent for Contact Name (C056, 3412).

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	3139		**CONTACT FUNCTION CODE**	M	1	an..3
			Code specifying the function of a contact (e.g. department or person).			
			Supplied Values:			
		HE	Emergency dangerous goods contact			
			Party who is to be contacted to intervene in case of emergency.			
M	C056		**DEPARTMENT OR EMPLOYEE DETAILS**	M	1	
			Code and/or name of a department or employee. Code preferred.			
X		3413	**Department or employee identification**	C		an..17
M		3412	**Department or employee**	M		an..35
			The department or person within an organizational entity.			
			Emergency Contact Name.			

Segment: **COM** Communication Contact
Position: 1170
Group: Segment Group 28 (Contact Information)   Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 3
Purpose: A segment to identify a communication number of a person or department.

Dependency Notes:
Semantic Notes:
Comments:
Notes: COM+975 345 9988:TE

MSC RECOMMENDS that customers include a DGS Contact when GID level DGS information is provided.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr	
M	C076		**COMMUNICATION CONTACT**	M	1
			Communication number of a department or employee in a specified channel.		
M		3148	**Communication number**	M	an..512
			The communication number.		
			Emergency contact phone number. MSC RECOMMENDS that customers not send an 800 number.		
M		3155	**Communication number code qualifier**	M	an..3
			Code qualifying the communication number.		
			Supplied values:		
		TE	Telephone		
			Voice/data transmission by telephone.		
			Will not be populated with spaces and/or dots alone.		

	Group:	**MEA** Segment Group 29: Measurements	
	Position:	1180	
	Group:	Segment Group 27 (Dangerous Goods)	Conditional (Optional)
	Level:	3	
	Usage:	Conditional (Optional)	
	Max Use:	4	
	Purpose:	A group of segments to identify dangerous goods measurements.	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1190	MEA	Measurements	M	1	

			Segment:	**MEA** Measurements

Segment: **MEA** Measurements

Position:	1190 (Trigger Segment)
Group:	Segment Group 29 (Measurements) Conditional (Optional)
Level:	3
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to specify measurements of the dangerous goods.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	MEA+AAE+AAF+KGM:11350.135

MEA+AAE+AAF+KGM:11350.135
or
MEA+AAE+AAX+MTQ:54.475
or
MEA+AAE+AAX+LTR:1892.5 or MEA+AAE+AEO+MBQ:7.55
or
MEA+AAE+ZZZ+PIW:26.3

MSC RECOMMENDS that customers send net net weight for Dangerous Goods of Class 1 (explosive).

Only one measurement each of Volume, Weight, Radioactivity and Acid Concentration will be transmitted per DGS loop.

Numeric values will conform to below rules:

- Decimal will be represented using the dot ('.').
- Group separators will not be sent.

1. Weight, Radioactivity, and Acid concentration: Maximum 3 digits of   precision allowed: examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

2. Volume: Maximum 4 digits of precision allowed:
examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	6311		**MEASUREMENT ATTRIBUTE CODE**	M	1	an..3
			Code specifying the measurement attribute.			
			Supplied Values:			
		AAE	Measurement			
			[6314] Value of the measured unit.			
M	C502		**MEASUREMENT DETAILS**	M	1	
			Identification of measurement type.			
M		6313	**Measured attribute code**	M		an..3
			Code specifying the attribute measured.			
			Supplied Values:			
		AAF	Net net weight			
			[6048] Weight (mass) of the goods themselves without any packing.			
		AAX	Net volume			
			The observed volume after adjustment for factors such as temperature or gravity.			
		AEO	Radioactivity			
			Activity of radioactive material.			

			ZZZ	Mutually defined			
				Concentration of Acid			
X		6321		Measurement significance, coded	C		an..3
X		6155		Non-discrete measurement name code	C		an..17
X		6154		Non-discrete measurement name	C		an..70
M	C174			VALUE/RANGE	M	1	

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

M		6411	Measurement unit code	M	an..3

Code specifying the unit of measurement.

Supplied Values:

For Weight
 KGM = Kilograms
 LBR = Pounds

For Volume (other than liquid)
FTQ= Cubic feet
MTQ=Cubic meters

For Volume (liquid)
GAL= Gallons
LTR=Liters

For Radioactivity
MBQ = Mega Becquerels

For Acid Concentration (hydrochloric, sulfuric, nitric)
PIW = Percentage of acid vs. water

M		6314	Measurement value	M	an..18

Value of the measured unit.

X		6162	Range minimum	C	n..18
X		6152	Range maximum	C	n..18
X		6432	Significant digits	C	n..2
X	7383		SURFACE/LAYER CODE	C	1	an..3

Sensitivity: Public

Group: **SGP** **Segment Group 30: Split Goods Placement**
Position: 1210
Group: Segment Group 27 (Dangerous Goods)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to specify the distribution of the dangerous goods among the transport equipment.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1220	SGP	Split Goods Placement	M	1	
	1230		Segment Group 31: Measurements	C		2

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **88** of **122**

Sensitivity: Public

Segment:		**SGP** Split Goods Placement		
Position:	1220 (Trigger Segment)			
Group:	Segment Group 30 (Split Goods Placement)		Conditional (Optional)	
Level:	3			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment to identify the equipment in which the dangerous goods are transported.			

Dependency Notes:
Semantic Notes:
Comments:
Notes:

SGP+AAAA1234567+24
or
SGP+01+24

This segment is not supported in the IFTMBC Transaction.

This segment may only be sent when DGS segment is filled.

Container number (C237,8260) will have been referenced in the preceding GID/SGP segment in which the dangerous commodity appears.

The SGP segment is used to indicate the specific container in which a specific quantity of dangerous commodity is loaded.

Notes:
- in the case of Split Goods (same dangerous commodity within multiple containers), the SGP segment will repeat within the DGS group for each container.
- Each distinct container number listed in an SGP (composite element C237 8260) will have a matching container number in an EQD segment.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	C237		**EQUIPMENT IDENTIFICATION**	M	1	
			Marks (letters/numbers) identifying equipment.			
M		8260	**Equipment identification number**	M		an..17
			Marks (letters and/or numbers) which identify equipment e.g. unit load device.			
X		1131	**Code list identification code**	C		an..3
X		3055	**Code list responsible agency code**	C		an..3
X		3207	**Country name code**	C		an..3
	7224		**NUMBER OF PACKAGES**	C	1	n..8
			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.			
			Number of packages of dangerous commodity in container (must be a valid whole number with no decimal or commas).			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **89** of **122**

Sensitivity: Public

Group: **MEA** Segment Group 31: Measurements

Position: 1230
Group: Segment Group 30 (Split Goods Placement) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 2
Purpose: A group of segments to identify dangerous goods measurements.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1240	MEA	Measurements	M	1	

	Segment:	**MEA** Measurements
	Position:	1240 (Trigger Segment)
	Group:	Segment Group 31 (Measurements)　Conditional (Optional)
	Level:	4
	Usage:	Mandatory
	Max Use:	1
	Purpose:	A segment to specify measurements of that portion of the dangerous goods in the equipment.
	Dependency Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	MEA+AAE+AAF+KGM:3000.135

Notes:

MEA+AAE+AAF+KGM:3000.135
or
MEA+AAE+AAX+MTQ:30.5135
or
MEA+AAE+AAX+LTR:148.457

Weight and/or volume of dangerous commodity specified in DGS segment that is loaded in container referenced in the DGS/SGP segment.

Only one Volume and Weight measurement will be transmitted per SGP loop.

Weight and volume values must conform to below rules:

- Decimal will be represented using the dot ('.').
- Group separators will not be sent.

1. Weight: Maximum 3 digits of precision allowed:
examples: valid - "1000.123"　invalid - "1,000.123",　"1.000,123"

2. Volume: Maximum 4 digits of precision allowed:
examples: valid - "1000.1234"　invalid - "1,000.1234", "1.000,1234"

Data Element Summary

Attributes	Data Element	Component Element	Name		Req/Repeat/Repr		
M	6311		**MEASUREMENT ATTRIBUTE CODE**		M	1	an..3
			Code specifying the measurement attribute.				
			Supplied Values:				
			AAE	Measurement			
				[6314] Value of the measured unit.			
M	C502		**MEASUREMENT DETAILS**		M	1	
			Identification of measurement type.				
M		6313	**Measured attribute code**		M		an..3
			Code specifying the attribute measured.				
			Supplied Values:				
			AAF	Net net weight			
				[6048] Weight (mass) of the goods themselves without any packing.			
			AAX	Net volume			
				The observed volume after adjustment for factors such as temperature or gravity.			
X		6321	**Measurement significance, coded**		C		an..3
X		6155	**Non-discrete measurement name code**		C		an..17
X		6154	**Non-discrete measurement name**		C		an..70
M	C174		**VALUE/RANGE**		M	1	

MSC MEDITERRANEAN SHIPPING COMPANY　　　　　　　　　　　　　　　　　　　　**msc.com**
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888　E: info@msc.com　　　　　　　　　　　　　　　　　　　　　　Page 91 of 122

Sensitivity: Public

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

M		6411	**Measurement unit code**	M		an..3

Code specifying the unit of measurement.

Supplied Values:

For Weight
KGM = Kilograms
LBR = Pounds

For Volume (other than liquid):
FTQ= Cubic feet
MTQ=Cubic meters

For Volume (liquid):
GAL= Gallons
LTR=Liters

M		6314	**Measurement value**	M		an..18
X		6162	**Range minimum**	C		n..18
X		6152	**Range maximum**	C		n..18
X		6432	**Significant digits**	C		n..2
X	7383		**SURFACE/LAYER CODE**	C	1	an..3

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **92** of **122**

Sensitivity: Public

Position:	1260					
Group:						
Level:	1					
Usage:	Conditional (Optional)					
Max Use:	999					
Purpose:	A group of segments to specify equipment in which goods are transported.					

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1270	EQD	Equipment Details	M	1	
M	1280	EQN	Number of Units	M	1	
M	1290	TMD	Transport Movement Details	M	1	
	1300	MEA	Measurements	C	7	
	1310	DIM	Dimensions	C	1	
	1330	HAN	Handling Instructions	C	1	
	1340	TMP	Temperature	C	1	
	1350	FTX	Free Text	C	20	
	1360	RFF	Reference	C	9	
	1370		Segment Group 33: Name and Address	C		9

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **93** of **122**

Sensitivity: Public

Segment:		**EQD** Equipment Details		
Position:	1270 (Trigger Segment)			
Group:	Segment Group 32 (Equipment Details)		Conditional (Optional)	
Level:	1			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment to specify equipment, and equipment size and type used in the transport.			
Dependency Notes:				
Semantic Notes:				
Comments:				

Notes:

EQD+CN++22G0:102:5+2
or
EQD+CN+XXXX1234567:146:ZZZ+42G0:102:5:CONTAINER DESCRIPTION+2++5
or
EQD+CN+01:230:ZZZ+22G0:102:5+2

This segment is MANDATORY for Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

Equipment Identification Numbers (C237, 8260) will be unique per transaction.

MSC RECOMMENDS that customers send equipment supplier.

Notes:
- If GID/SGP segment is sent there will be an EQD segment with a matching equipment identification number (C237, 8260).

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	8053		**EQUIPMENT TYPE CODE QUALIFIER**	M	1	an..3
			Code qualifying a type of equipment.			
			Supplied Values:			
		CN	Container			
			Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.			
	C237		**EQUIPMENT IDENTIFICATION**	C	1	
			Marks (letters/numbers) identifying equipment.			
M		8260	**Equipment identification number**	M		an..17
			Marks (letters and/or numbers) which identify equipment e.g. unit load device.			
M		1131	**Code list identification code**	M		an..3
			Identification of a code list.			
			Supplied Values:			
		146	Means of transport identification			
			Code identifying the name or number of a means of transport (vessel, vehicle).			
			Actual Container Number			
		230	Entity relationship			
			Identifies a code list of entity relationships.			
			Logical Container Number			
M		3055	**Code list responsible agency code**	M		an..3

			Code specifying the agency responsible for a code list.			
			Supplied Values:			
			ZZZ	Mutually defined		
X		3207	**Country name code**	C		**an..3**
M	C224		**EQUIPMENT SIZE AND TYPE**	M	1	
			Code and or name identifying size and type of equipment. Code preferred.			
M		8155	**Equipment size and type description code**	M		**an..10**
			Code specifying the size and type of equipment.			
			Set temperature (segment TMP) or non-active flag (segment HAN) will always be sent for any container designated as a reefer.			
			Set temperature (segment TMP) or non-active flag (segment HAN) may also be sent for containers designated as Hybrid (e.g. tanks).			
M		1131	**Code list identification code**	M		**an..3**
			Identification of a code list.			
			Supplied Values:			
			102	Size and type		
M		3055	**Code list responsible agency code**	M		**an..3**
			Code specifying the agency responsible for a code list.			
			Supplied Values:			
			5	ISO (International Organization for Standardization)		
		8154	**Equipment size and type description**	C		**an..35**
			Free form description of the size and type of equipment.			
			Used for container description.			
	8077		**EQUIPMENT SUPPLIER, CODED**	C	1	an..3
			To indicate the party that is the supplier of the equipment.			
			Supplied Values:			
			1	Shipper supplied		
				The transport equipment is supplied by the shipper.		
			2	Carrier supplied		
				The transport equipment is supplied by the carrier.		
X	8249		**EQUIPMENT STATUS CODE**	C	1	an..3
	8169		**FULL/EMPTY INDICATOR, CODED**	C	1	an..3
			To indicate the extent to which the equipment is full or empty.			
			This indicator is to reflect the status of the container when shipped. Supplied Values:			
			4	Empty		
			5	Full		

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **95** of **122**

Sensitivity: Public

Segment: **EQN** Number of Units

Position:	1280
Group:	Segment Group 32 (Equipment Details) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to specify number of pieces of equipment required.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	EQN+1:2

Count of Containers must be a whole number.

This segment is MANDATORY for Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

Number of Units (C523, 6350) must be a whole number.

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr	
M	C523		**NUMBER OF UNIT DETAILS**	M	1
			Identification of number of units and its purpose.		
M		6350	**Number of units**	M	n..15
			Number of units of a certain type.		
			Note: Must be a valid whole number (no commas or decimals).		
M		6353	**Unit type code qualifier**	M	an..3
			Code qualifying the type of unit.		
			Supplied Values:		
		2	Transportable unit		
			Container(s)		

	Segment:	**TMD** Transport Movement Details
	Position:	1290
	Group:	Segment Group 32 (Equipment Details)　　Conditional (Optional)
	Level:	2
	Usage:	Mandatory
	Max Use:	1
	Purpose:	A segment to specify transport movement details for the equipment.
Dependency Notes:		
Semantic Notes:		
Comments:		
	Notes:	TMD+3++CC

This segment is MANDATORY for Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.

Haulage Arrangement Code (8341) will be the same for all TMD segments in the transaction.

MSC RECOMMENDS to customers that Movement Type Description Code (C219,8335) be the same for TMD segments in the transaction.

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
	C219		**MOVEMENT TYPE**	C	1	
			Description of type of service for movement of cargo.			
		8335	**Movement type description code**	C		an..3
			Code specifying a type of movement.			

Supplied Values:

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.

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
X		8334	**Movement type description**	C		an..35
X	8332		**EQUIPMENT PLAN**	C	1	an..26
M	8341		**HAULAGE ARRANGEMENTS, CODED**	M	1	an..3
			Specification of the type of equipment haulage arrangements.			

Supplied Values:

CC	Carrier haulage at export, Carrier haulage at import
CM	Carrier haulage at export, Merchant haulage at import
MC	Merchant haulage at export, Carrier haulage at import
MM	Merchant haulage at export, Merchant haulage at import

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888　E: info@msc.com

msc.com

Page **97** of **122**

Sensitivity: Public

Segment:	# MEA Measurements
Position:	1300
Group:	Segment Group 32 (Equipment Details) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	7
Purpose:	A segment to specify measurements, other than dimensions, associated with the equipment, such as weight.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

MEA+AAE+AAL+KGM:18160.089
or
MEA+AAE+AAX+MTQ:108.879
or
MEA+AAE+AAS+CBM:324.25
or
MEA+AAE+AAO+HMD:34.2 or MEA+AAE+ZO+PCT:14.21

Net weight and net volume will be total measurements for all container(s) in the EQD group. Humidity, Airflow and Atmosphere settings apply to each container in the EQD segment.

MSC RECOMMENDS that Customers provide at a minimum one of the following weight measurements in Booking Request (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions;

- Outer Pack GID commodity weight (0860 MEA segment).
- SGP container weight (1100 MEA segment).
- Container weight (provided in this segment).

Only one measurement each of Volume, Weight, Humidity, Airflow, Carbon Dioxide Level, Nitrogen Level and Oxygen Level will be sent per EQD loop.

MSC RECOMMENDS that customers provide oxygen, nitrogen, carbon dioxide measurements when Equipment Controlled Atmosphere flag is sent (EQD/FTX 4451 = AEB) and (EQD/FTX C107, 4441 = ECA).

MSC RECOMMENDS that customers provide Humidity measurement when Humidity flag is sent (EQD/FTX 4451 = AEB and EQD/FTX C107, 4441 = HUM).

MSC RECOMMENDS that customers provide Air Flow measurement when Vent Open flag is sent (EQD/FTX 4451 = AEB and EQD/FTX C107, 4441 = VTO).

All weight, volume, air flow, humidity and atmosphere (oxygen, nitrogen, carbon dioxide) values will conform to below rules:

- Decimal will be represented using the dot ('.').
- Group separators will not be sent.

1. Air flow, Humidity and Atmosphere: Maximum 2 digits of precision allowed:
examples: valid - "1000.12" invalid - "1,000.12", "1.000,12"

2. Weight: Maximum 3 digits of precision allowed:
examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

3. Volume: Maximum 4 digits of precision allowed:
examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **98** of **122**

Sensitivity: Public

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	6311		**MEASUREMENT ATTRIBUTE CODE**	M	1	an..3

Code specifying the measurement attribute.

			Supplied Values:			
			AAE	Measurement		

[6314] Value of the measured unit.

M	C502		**MEASUREMENT DETAILS**	M	1	

Identification of measurement type.

M		6313	**Measured attribute code**	M		an..3

Code specifying the attribute measured.

Supplied Values:

AAL — Net weight

[6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale.
Total weight of commodity(s) in the container(s).

AAO — Humidity

Humidity per container.

AAS — Air flow

Airflow per container.

AAX — Net volume

The observed volume after adjustment for factors such as temperature or gravity.
Total volume of commodity(s) in the container(s).

ZC — Carbon

Carbon Dioxide Gas Level

ZN — Nitrogen

Nitrogen Gas Level

ZO — Oxygen

Oxygen Gas Level

X		6321	**Measurement significance, coded**	C		an..3
X		6155	**Non-discrete measurement name code**	C		an..17
X		6154	**Non-discrete measurement name**	C		an..70
M	C174		**VALUE/RANGE**	M	1	

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

M		6411	**Measurement unit code**	M		an..3

Code specifying the unit of measurement.

Supplied Values:

For Weight:
KGM = Kilograms
LBR = Pounds

For Volume:
FTQ = Cubic Feet
MTQ = Cubic Meters

Air Flow:
CBM = Cubic Meters per Hour
CFT = Cubic Feet per Hour

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **99** of **122**

Sensitivity: Public

			Humidity: HMD = Percent of Moisture in the Air Atmosphere (ZO oxygen, ZN nitrogen, ZC carbon dioxide) : PCT = Percent		
M		6314	**Measurement value**	M	an..18
			Value of the measured unit.		
			Used to indicate the Weight, Volume, Humidity, Atmosphere, or Airflow.		
X		6162	**Range minimum**	C	n..18
X		6152	**Range maximum**	C	n..18
X		6432	**Significant digits**	C	n..2
X	7383		**SURFACE/LAYER CODE**	C 1	an..3
			Refer to D.99B Data Element Dictionary for acceptable code values.		

Sensitivity: Public

Segment:	**DIM** Dimensions			

Position: 1310
Group: Segment Group 32 (Equipment Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify dimensions applicable to equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: DIM+9+MTR:36.5:3.65:5.48

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

The segment is intended to indicate the amount by which the commodity exceeds the container dimensions.

MSC RECOMMENDS that customers send this segment only if commodity is OOG.

MSC RECOMMENDS that customers send the OOG Flag in the GDS segment when an Out Of Gauge cargo is indicated in this segment.

All numeric values will conform to below rules:

- Decimal will be represented using the dot ('.').
- Group separators will not be sent.

1. Length, Width, Height: Maximum 3 digits of precision allowed:
examples: valid - "1000.123" invalid - "1,000.123", "1.000,123"

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	6145		**DIMENSION QUALIFIER**	M	1	an..3
			To specify the dimensions applicable to each of the transportable units.			
			Supplied Values:			
			9 Off-standard dimension general			
			The dimensions that the cargo exceeds the standard dimensions.			
M	C211		**DIMENSIONS**	M	1	
			Specification of the dimensions of a transportable unit.			
M		6411	**Measurement unit code**	M		an..3
			Code specifying the unit of measurement.			
			If this element is populated then at least one of the following will also be sent, (C211, 6168), (C211, 6140), or (C211, 6008).			
			Supplied Values:			
			FET Feet			
			MTR Meters			
		6168	**Length dimension**	C		n..15
			Length of pieces or packages stated for transport purposes.			
		6140	**Width dimension**	C		n..15
			Width of pieces or packages stated for transport purposes.			
		6008	**Height dimension**	C		n..15

Height of pieces or packages stated for transport purposes.

Segment: **HAN** Handling Instructions

Position: 1330
Group: Segment Group 32 (Equipment Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify handling instructions for specified equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: HAN+NAR

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

This segment will only be provided when reefer or hybrid (e.g. tanks) container type is identified in the EQD segment (EQD C224, 8155) and temperature regulation unit is not active (no set temperature provided (no TMP segment)).

Data Element Summary

Data Attributes	Element	Component Element	Name	Req/Repeat/Repr		
M	C524		**HANDLING INSTRUCTIONS**	M	1	
			Instruction for the handling of goods, products or articles in shipment, storage etc.			
M		4079	**Handling instructions, coded**	M		an..3
			Identification of the instructions on how specified goods, packages or containers should be handled.			
			Supplied Values:			
			NAR Non-Active Reefer			
			Indicates that a reefer or hybrid container is to be moved without the refrigeration unit being activated.			
X		1131	**Code list identification code**	C		an..3
X		3055	**Code list responsible agency code**	C		an..3
X		4078	**Handling instructions**	C		an..70
X	C218		**HAZARDOUS MATERIAL**	C	1	
			To specify a hazardous material.			
X		7419	**Hazardous material class code, identification**	C		an..4
			Code specifying the kind of hazard for a material.			
X		1131	**Code list identification code**	C		an..3
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
X		7418	**Hazardous material class**	C		an..35
			To specify the kind of hazard for a material.			

Segment:		**TMP** Temperature				
Position:		1340				
Group:		Segment Group 32 (Equipment Details)		Conditional (Optional)		
Level:		2				
Usage:		Conditional (Optional)				
Max Use:		1				
Purpose:		A segment to specify a temperature setting for the equipment.				
Dependency Notes:						
Semantic Notes:						
Comments:						
Notes:		TMP+2+02.3:CEL				

This segment will always be provided for reefer containers specifically identified by equipment type code (EQD, C224, 8155) if the temperature control unit is to be active.

This segment may also be provided for hybrid containers (e.g. tanks) specifically identified by equipment type code (EQD C224, 8155) if the temperature control unit is to be active.

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all equipment in the group.

MSC RECOMMENDS customers not mix active and non-active settings for reefer or hybrid (.e.g. tanks) containers on a single booking.

Set Temperature will conform to below rules:

- Decimal will be represented using the dot ('.').
- Temperature values will not include group separators.
- Temperature will contain 3 valid Numeric Digits, and   may also contain a decimal and minus sign ('-').
- Maximum Precision of Temperature is 1.
- Negative Temperature will include a Minus sign ('-')   and it will be in the first position of the element.
- Positive Temperature will be Unsigned.

Valid examples: 005, -005, -05.5, 55.2, 45.0

Invalid examples: 1, -5, -05, 5.5, 23-, 35, .3, 5.04, +045

Data Element Summary

Attributes	Data Element	Component Element	Name		Req/Repeat/Repr		
M	6245		**TEMPERATURE QUALIFIER**		M	1	an..3
			A code giving specific meaning to the temperature.				
			Supplied Values:				
			2	Transport temperature			
				The temperature at which cargo is to be kept while it is under transport.			
			Set Temperature				
M	C239		**TEMPERATURE SETTING**		M	1	
			The temperature under which the goods are (to be) stored or shipped.				
M		6246	**Temperature setting**		M		n3
			The actual temperature value in degrees Celsius (e.g. 008, 020).				
M		6411	**Measurement unit code**		M		an..3
			Code specifying the unit of measurement.				

Supplied Values:	
CEL	Celsius
FAH	Fahrenheit

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **105** of **122**

Sensitivity: Public

Segment:	**FTX** Free Text
Position:	1350
Group:	Segment Group 32 (Equipment Details) Conditional (Optional)
Level:	2
Usage:	Conditional (Optional)
Max Use:	20
Purpose:	A segment to specify processable supplementary information associated with the equipment.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	FTX+AGK+++EQUIPMENT COMMENTS

FTX+AGK+++EQUIPMENT COMMENTS
or
FTX+SSR++FMG:130:ZZZ
or
FTX+SSR++CLN:130:ZZZ
or
FTX+AEB+++REEFER COMMENTS
or
FTX+HAN++SAD:130:ZZZ
or
FTX+AEB++NTP:130:ZZZ+6
or
FTX+CUS++UCN:110:ZZZ+857_2938476
or
FTX+AEB++ECA:130:ZZZ
or
FTX+AEB++ICT:130:ZZZ
or
FTX+AEB++HUM:130:ZZZ

Only 1 segment per EQD loop will be sent with Text Subject Code Qualifier of AKG.

Only 10 segments per EQD loop will be sent with Text Subject Code Qualifier of AEB; 1 with Free Text Value Code not populated and 9 each containing only 1 of Free text Value Code AEC, FRZ, GEN, HUM, ICP, ICT, NTP, TVA and (VTC or VTO).

Only 2 segments per EQD loop will be sent with Text Subject Code Qualifier of CUS containing 1 of Free Text Value Code CCN or UCN.

Only 2 segments per EQD loop will be sent with Text Subject Code Qualifier of HAN containing 1 of Free Text Value Code SAD or SBD.

Only 6 segments per EQD loop will be sent with Text Subject Code Qualifier of SSR each containing only 1 of Free Text Value Code CLN, FGE, FMG, GOH, HTE or SWP.

Text subject AEB (temperature control instructions) will only be sent when a reefer or hybrid (e.g. tank) container type is requested (1270 EQD C224, 8155) and a set temperature has been supplied (1340 TMP C239, 6246) in the container group (EQD loop).

Text subject CUS may appear at other levels in the transaction. CCN and UCN will only appear at one level of the transaction.

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

MSC RECOMMENDS customers supply EV (subcontractor, 1380 NAD) information when Super Freezer Service or In-Transit Cold Sterilization is requested and is to be supplied by someone other than the ocean carrier.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **106** of **122**

Sensitivity: Public

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
M	4451		**TEXT SUBJECT CODE QUALIFIER**	M 1 an..3

Code specifying the subject of the text.

Supplied Values:		
AEB	Temperature control instructions	
	Instruction regarding the temperature control of the cargo.	
AGK	Equipment	
	Description of equipment.	
	Used to indicate equipment comments (for information purposes only).	
CUS	Customs declaration information	
	Note contains customs declaration information.	
HAN	Handling instructions	
	[4078] Instructions on how specified goods, packages or containers should be handled.	
SSR	Special service request	
	Request for a special service concerning the transport of the goods.	

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
X	4453		**TEXT FUNCTION, CODED**	C 1 an..3
		C107	**TEXT REFERENCE**	C 1

Coded reference to a standard text and its source.

NTP (number of temperature probes requested), TVA (temperature variance),GEN (genset required),FRZ (super freezer service),ECA (equipment controlled atmosphere),ICT (in-transit cold sterilization),HUM (humidity) will only be sent when a reefer or hybrid (e.g., tank) container type is requested (1270 EQD C224, 8155) and a set temperature has been supplied (1340 TMP C239, 6246) in the container group (EQD loop).

MSC RECOMMENDS customers only send ICP (number of USD probes) when ICT (in transit cold sterilization flag) is also provided.

MSC RECOMMENDS to customers when ECA (equipment controlled atmosphere flag) is provided that customers send carbon dioxide, nitrogen, and oxygen gas measurements (1300 MEA C502, 6313 = ZC, ZN and ZO).

MSC RECOMMENDS to customers when HUM (humidity flag) is provided that customers send humidity measurement (1300 MEA C502, 6313 = AAO).

MSC RECOMMENDS to customers when VTO (vent open flag) is provided that customers send air flow measurement (1300 MEA C502, 6313 = AAS).

VTC (vent closed) and VTO (vent open) are mutually exclusive.

SAD (stow above deck) and SBD (stow below deck) are mutually exclusive.

ECA (equipment controlled atmosphere) and VTO (vent open) are mutually exclusive.

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
M	4441		**Free text value code**	M an..17

Code specifying free form text.

Supplied Values:		
CCN	Canadian Cargo Control Number	

		Typically provided by the Carrier for use by registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada. Will only be sent when Text Subject Code Qualifier (4451) = CUS.
	CLN	Equipment must be cleaned
		Will only be sent when Text Subject Code Qualifier (4451) = SSR.
	ECA	Equipment Controlled Atmosphere
		Will only be sent when Text Subject Code Qualifier (4451) = AEB.
	FGE	Food grade equipment requested
		Will only be sent when Text Subject Code Qualifier (4451) = SSR.
	FMG	Fumigation is required
		Will only be sent when Text Subject Code Qualifier (4451) = SSR.
	FRZ	Super Freezer Service
		Will only be sent when Text Subject Code Qualifier (4451) = AEB.
	GEN	Genset Required
		Will only be sent when Text Subject Code Qualifier (4451) = AEB.
	GOH	Garment On Hanger
		Will only be sent when Text Subject Code Qualifier (4451) = SSR.
	HTE	Heavy weight tested equipment requested
		Will only be sent when Text Subject Code Qualifier (4451) = SSR.
	HUM	Humidify
		Will only be sent when Text Subject Code Qualifier (4451) = AEB.
	ICP	Number of USD Probes for ICT Service
		Will only be sent when Text Subject Code Qualifier (4451) = AEB.
	ICT	In Transit Cold Sterilization
		Will only be sent when Text Subject Code Qualifier (4451) = AEB.
	NTP	Number of temperature probes requested
		Will only be sent when Text Subject Code Qualifier (4451) = AEB.
	SAD	Stow above deck
		Will only be sent when Text Subject Code Qualifier (4451) = HAN.
	SBD	Stow below deck
		Will only be sent when Text Subject Code Qualifier (4451) = HAN.
	SWP	Equipment must be swept
		Will only be sent when Text Subject Code Qualifier (4451) = SSR.
	TVA	Temperature Variance
		Will only be sent when Text Subject Code Qualifier (4451) = AEB
	UCN	Customs Export Declaration Unique Consignment Reference (DUCR)

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **108** of **122**

Sensitivity: Public

			Typically provided by the Exporter or its Agent for shipments departing Great Britain. Will only be sent when Text Subject Code Qualifier (4451) = CUS		
		VTC	Vent Closed		
			Will only be sent when Text Subject Code Qualifier (4451) = AEB		
		VTO	Vent Open		
			Will only be sent when Text Subject Code Qualifier (4451) = AEB.		
M		1131	**Code list identification code**	M	an..3

Identification of a code list.

Supplied Values:				
	110	Customs special codes		
		Customs code to indicate an exemption to a regulation or a special Customs treatment.		
		Will always be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107,4441) = UCN or CCN.		
	130	Special handling		
		Code to indicate that the nature of the consignment may necessitate use of special handling procedures (IATA).		
		Used only in conjunction with free text value codes (C107,4441) CLN, ECA, FGE, FMG, FRZ, GEN, GOH, HTE, HUM, ICT, ICP, NTP, SAD, SBD, SWP, TVA, VTC, and VTO. Will always be sent when Text Subject Code Qualifier (4451) = AEB and Free Text Value Code (C107,4441) = ICP, NTP, TVA, ECA, FRZ, GEN, HUM, ICT, VTC or VTO. or Text Subject Code Qualifier (4451) = HAN and Free Text Value Code (C107,4441) = SAD or SBD. or Text Subject Code Qualifier (4451) = SSR and Free Text Value Code (C107,4441) = CLN, FGE, FMG, GOH, HTE or SWP.		

M		3055	**Code list responsible agency code**	M	an..3

Code specifying the agency responsible for a code list.

Supplied Values:			
	ZZZ	Mutually defined	

	C108		**TEXT LITERAL**	C	1

Free text; one to five lines.

M		4440	**Free text value**	M	an..512

Free form text.

This element will only be populated when Text Subject Qualifier (4451) = AEB and Free Text Value Code C107, 4441) is not populated or populated with one of the following codes; ICP NTP or TVA.
or
When Text Subject Qualifier (4451) = CUS and Free Text Value Code C107, 4441) is populated with one of the following codes; CCN or UCN.
or
When Text Subject Qualifier (4451) = AGK and Free Text Value Code C107, 4441) is not populated.

		4440	**Free text value**	C	an..512

Free form text.

This element may only be populated when Text Subject Qualifier (4451) = AEB or AGK and Free Text Value Code C107, 4441) is not populated.

X		4440	**Free text value**	C		an..512
X		4440	**Free text value**	C		an..512
X		4440	**Free text value**	C		an..512
X	3453		**LANGUAGE NAME CODE**	C	1	an..3
X	4447		**TEXT FORMATTING, CODED**	C	1	an..3

	Segment:	**RFF** Reference

Position: 1360
Group: Segment Group 32 (Equipment Details)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a reference number to equipment.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

RFF+AEF:CUSTOMER LOAD REFERENCE
or
RFF+ON:PURCHASE ORDER NUMBER

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

Multiple values for Purchase order (ON) , Customer load reference (AEF) and Vehicle Identification Number (AKG) may be provided.

Any reference sent here will not appear at any other level in this transaction.

Data Element Summary

Attributes	Data Element	Component Element	Name		Req/Repeat/Repr	
M	C506		**REFERENCE**	**M**	**1**	
			Identification of a reference.			
M		1153	**Reference function code qualifier**	**M**		**an..3**
			Code giving specific meaning to a reference segment or a reference number.			
			Supplied Values:			
			AEF	Customer process specification number		
				Retrieval number for a process specification defined by customer.		
				Customer Load Reference		
			AKG	Vehicle Identification Number (VIN)		
				The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
			ON	Order number (purchase)		
				[1022] Reference number assigned by the buyer to an order.		
M		1154	**Reference identifier**	**M**		**an..35**
			Identifies a reference.			
X		1156	**Line number**	**C**		**an..6**
X		4000	**Reference version identifier**	**C**		**an..35**
X		1060	**Revision number**	**C**		**an..6**

Sensitivity: Public

| | **Group:** | **NAD** Segment Group 33: Name and Address | | | | |

Group: **NAD** Segment Group 33: Name and Address

Position: 1370
Group: Segment Group 32 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify different equipment pick-up or drop-off places.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1380	NAD	Name and Address	M	1	
	1390	DTM	Date/Time/Period	C	2	
	1400		Segment Group 34: Contact Information	C		9

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **112** of **122**

Sensitivity: Public

Segment:	**NAD** Name and Address
Position:	1380 (Trigger Segment)
Group:	Segment Group 33 (Name and Address) Conditional (Optional)
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to specify a pick-up or drop-off address.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

If number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

Either Party Code (C082, 3039) or Party Name (C058, 3124) will always be provided.

MSC RECOMMENDS customers send Postal Id (3251) and Country code (3207) when party is not coded.

Only one of each party type will be sent per container group with the exception of Intermediate Export Stop Off Location (CL) which may be sent multiple times.

MSC RECOMMENDS customers send Ship from (SF) only when Carrier Haulage at Export is being requested (TMD 8341 = CC or CM) .

MSC RECOMMENDS customers send Ship to (ST) only when Carrier Haulage at Import is being requested (TMD 8341 = CC or MC) .

MSC RECOMMENDS customers send Intermediate Export Stop Off (CL) only when Carrier Haulage at Export is being requested (TMD 8341 = CC or CM).

MSC RECOMMENDS customers send Empty Container Pick Up Location (CK) only when Merchant Haulage at Export is being requested (TMD 8341 = MM or MC) .

MSC RECOMMENDS customers send Subcontractor (EV) only when Super Freezer Service or In-Transit Cold Sterilization Service is being provided by someone other than the carrier.

Ship from (SF) Examples.

NAD+SF++SHIP FROM NAME:SHIP FROM ST:NEWARK, DE+++++709509
or
NAD+SF+RWHS34:160:87
or
NAD+SF+DUNS:160:16+SHIP FROM NAME

Ship to (ST) Examples.

NAD+ST+KEJ0989:160:ZZZ+SHIP TO NAME:SHIP TO ADDRS:HAMBURG, GERMANY
or
NAD+ST+HY790:160:ZZZ

Ship from (SF) and Intermediate export stop off (CL) Examples

NAD+SF++SHIP FROM NAME:SHIP FROM ADDRS:HAMBURG
and
NAD+CL++FIRST STOP:FIRST STOP ADDRESS:HAMBURG
and
NAD+CL++SECOND STOP:SECOND STOP ADDRESS:HAMBURG

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **113** of **122**

Sensitivity: Public

Empty container pick up location (CK) Examples

NAD+CK+CARRIER_CD:160:87
or
NAD+CK+809387:160:192+EMPTY PICK UP LOC:TERMINAL ADDRESS
NEWARK, NJ
or
NAD+CK++EMPTY PICK UP LOC:PICK UP ST ADDRESS:ELIZ,NJ+++++US

Subcontractor (EV) Examples

NAD+EV++ITCS PROVIDER:ITCS ADDRESS++++++US
or
NAD+EV++SUPER FREEZER PROVIDER:ITCS ADDRESS++++++US

Data Element Summary

Attributes	Data Element	Component Element	Name		Req/Repeat/Repr		
M	3035		**PARTY FUNCTION CODE QUALIFIER**		M	1	an..3
			Code giving specific meaning to a party.				
			Supplied Values:				
		CK	Empty equipment despatch party				
			Party from whose premises empty equipment will be or has been despatched.				
			Requested Empty container pick up location.				
		CL	Container location party				
			Party from whose premises container will be or has been despatched.				
			Used for intermediate export stops between SF and POL.				
		EV	Subcontractor				
			Firm carrying out a part of the works for a contractor.				
		SF	Ship from				
			Identification of the party from where goods will be or have been shipped.				
			Door location.				
		ST	Ship to				
			Identification of the party to where goods will be or have been shipped.				
			Door location.				
	C082		**PARTY IDENTIFICATION DETAILS**		C	1	
			Identification of a transaction party by code.				
M		3039	**Party identifier**		M		an..35
			Code specifying the identity of a party.				
			TMS code or Duns Number				
M		1131	**Code list identification code**		M		an..3
			Identification of a code list.				
			Supplied Value:				
		160	Party identification				
			Identification of parties, corporates, etc.				
M		3055	**Code list responsible agency code**		M		an..3
			Code specifying the agency responsible for a code list.				
			Supplied Values:				

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **114** of **122**

Sensitivity: Public

	16		US, D&B (Dun & Bradstreet Corporation)			
			Identifies the Dun & Bradstreet Corporation, United States.			
	87		Assigned by carrier			
			Codes assigned by the carrier.			
			Codes assigned by MSC.			
	C058		**NAME AND ADDRESS**	C	1	
			Unstructured name and address: one to five lines.			
M		3124	**Name and address line**	**M**		**an..35**
			Free form name and address description.			
		3124	**Name and address line**	C		**an..35**
			Free form name and address description.			
		3124	**Name and address line**	C		**an..35**
			Free form name and address description.			
		3124	**Name and address line**	C		**an..35**
			Free form name and address description.			
		3124	**Name and address line**	C		**an..35**
			Free form name and address description.			
X	C080		**PARTY NAME**	C	1	
			Identification of a transaction party by name, one to five lines. Party name may be formatted.			
X		3036	**Party name**	**M**		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	C		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	C		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	C		**an..35**
			Name of a party involved in a transaction.			
X		3036	**Party name**	C		**an..35**
			Name of a party involved in a transaction.			
X		3045	**Party name format code**	C		**an..3**
			Code specifying the representation of a party name.			
			Refer to D.99B Data Element Dictionary for acceptable code values.			
	C059		**STREET**	C	1	
			Street address and/or PO Box number in a structured address: one to four lines.			
M		3042	**Street and number/p.o. box**	**M**		**an..35**
			Street and number in plain language, or Post Office Box No.			
		3042	**Street and number/p.o. box**	C		**an..35**
			Street and number in plain language, or Post Office Box No.			
X		3042	**Street and number/p.o. box**	C		**an..35**
X		3042	**Street and number/p.o. box**	C		**an..35**
X	3164		**CITY NAME**	C	1	**an..35**
X	C819		**COUNTRY SUB-ENTITY DETAILS**	C	1	
			To specify a part of a country (eg county or part of a city).			
X		3229	**Country sub-entity name code**	C		**an..9**
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
X		1131	**Code list identification code**	C		**an..3**
			Identification of a code list.			
X		3055	**Code list responsible agency code**	C		**an..3**

Code specifying the agency responsible for a code list.

| X | 3228 | **Country sub-entity name** | C | | an..35 |

Name of sub-entities (state, province) defined by appropriate governmental agencies.

| | 3251 | **POSTAL IDENTIFICATION CODE** | C | 1 | an..17 |

Code specifying the postal zone or address.

| | 3207 | **COUNTRY NAME CODE** | C | 1 | an..3 |

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

Valid 2 Character ISO country code.

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **116** of **122**

Sensitivity: Public

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

Position: 1390
Group: Segment Group 33 (Name and Address)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment to indicate date and time relating to pick-up or drop-off.

Dependency Notes:
Semantic Notes:
Comments:
Notes: If the number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

Dates will always be within 400 days of the current date.

If time is sent it is assumed to be local time at the location identified in the preceding NAD segment.

DTM+181+20070103:102
DTM+200+200701031830:203

The above date qualifiers will only be sent when the preceding NAD segment is Ship from (1390 NAD 3035 = SF).

DTM+396+200701121445:203
DTM+200+200701121830:203

The above date qualifiers will only be sent when the preceding NAD segment is Intermediate Export Stop Off location (1380 NAD 3035 = CL).

DTM+2+200703051730:203

The above date qualifier will only be sent when the preceding NAD segment is Ship to (1380 NAD 3035 = ST).

DTM+393+200703030830:203

The above date qualifier will only be sent when the preceding NAD segment is Empty container pick up location (1380 NAD 3035 = CK).

Only one date/time function type (C507, 2005) may be sent per NAD segment with the exception of Ship From (NAD party code qualifier SF) and Intermediate Export Stop Off Location (NAD party code qualifier CL) which may have two.

This segment will not be sent for Subcontractor (NAD party code qualifier EV).

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr	
M	C507		**DATE/TIME/PERIOD**	M	1
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	**Date/time/period function code qualifier**	M	an..3
			Code giving specific meaning to a date, time or period.		
			Supplied Values:		
			2 Delivery date/time, requested		
			Date on which buyer requests goods to be delivered.		

			Requested delivery date/time of full container.		
	181		Positioning date/time of equipment		
			Date/time when equipment is positioned.		
			Requested positioning date/time of empty equipment at door location.		
	200		Pick-up/collection date/time of cargo		
			Date/time at which the cargo is picked up.		
			Date/time at which the cargo is picked up. Requested pick-up date/time of container at intermediate export stop off location or ship from location.		
	393		Equipment collection or pick-up date/time, planned		
			Date/time on which equipment can be picked up, either full or empty, according to a planning.		
			Requested pick-up date/time of empty equipment.		
	396		Equipment positioning date/time, requested		
			Date/time on which equipment is requested to be positioned (delivered).		
			Requested positioning date/time of container at intermediate export stop off location.		
M	2380	**Date/time/period value**		M	an..35

The value of a date, a date and time, a time or of a period in a specified representation.

| M | 2379 | **Date/time/period format code** | | M | an..3 |

Code specifying the representation of a date, time or period.

Supplied Values:		
102		CCYYMMDD
		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
203		CCYYMMDDHHMM
		Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.

The twenty-four hour clock system will be used to express time. Time will be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour.

Examples :

12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888   E: info@msc.com

msc.com

Page **118** of **122**

Sensitivity: Public

		Group:	**CTA**	**Segment Group 34: Contact Information**

Position: 1400
Group: Segment Group 33 (Name and Address)   Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify a contact and its communications related to the party.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1410	CTA	Contact Information	M	1	
M	1420	COM	Communication Contact	M	9	

	Segment:	**CTA** Contact Information
	Position:	1410 (Trigger Segment)
	Group:	Segment Group 34 (Contact Information) Conditional (Optional)
	Level:	3
	Usage:	Mandatory
	Max Use:	1
	Purpose:	A segment to specify a contact name associated with a specified equipment positioning or collection address.

Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	CTA+AO+:EQUIPMENT CONTACT
	This segment is not supported in the IFTMBC Transaction.
	Spaces and/or dots alone will not be sent for Contact Name (C056, 3412).

Data Element Summary

Data Attributes	Data Element	Component Element	Name	Req/Repeat/Repr		
M	3139		**CONTACT FUNCTION CODE**	M	1	an..3
			Code specifying the function of a contact (e.g. department or person).			
			Supplied Values:			
			AO Plant/equipment contact			
			Department/person to contact for matters regarding plant/equipment.			
M	C056		**DEPARTMENT OR EMPLOYEE DETAILS**	M	1	
			Code and/or name of a department or employee. Code preferred.			
X		3413	**Department or employee identification**	C		an..17
M		3412	**Department or employee**	M		an..35
			The department or person within an organizational entity.			

MSC MEDITERRANEAN SHIPPING COMPANY
12-14 Chemin Rieu CH-1208 Geneva, Switzerland
T: +41 22 703 8888 E: info@msc.com

msc.com

Page **120** of **122**

Sensitivity: Public

Segment:	**COM** Communication Contact
Position:	1420
Group:	Segment Group 34 (Contact Information) Conditional (Optional)
Level:	4
Usage:	Mandatory
Max Use:	9
Purpose:	A segment to specify a communication number related to the contact.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

> COM+973 445 6698:TE
>
> This segment is not supported in the IFTMBC transaction.

Data Element Summary

Data Attributes	Component		Name	Req/Repeat/Repr		
M	C076		**COMMUNICATION CONTACT**	M	3	
			Communication number of a department or employee in a specified channel.			
M		3148	**Communication number**	M		an..512
			The communication number.			
M		3155	**Communication number code qualifier**	M		an..3
			Code qualifying the communication number.			

Supplied Values:

EM	Electronic mail	
	Exchange of mail by electronic means.	
	Email address is subject to validation as outlined in the preamble of this document.	
FX	Telefax	
	Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.	
	Fax Number	
	Will not be populated with spaces and/or dots alone.	
TE	Telephone	
	Voice/data transmission by telephone.	
	Will not be populated with spaces and/or dots alone.	

	Segment:	**UNT** Message Trailer

Segment: **UNT** Message Trailer
Position: 1490
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes:
Semantic Notes:
Comments:
Notes: UNT+25+20

Data Element Summary

Attributes	Data Element	Component Element	Name	Req/Repeat/Repr
M	0074		**NUMBER OF SEGMENTS IN A MESSAGE**	M 1 n..6
			Control count of number of segments in a message.	
M	0062		**MESSAGE REFERENCE NUMBER**	M 1 an..14
			Unique message reference assigned by the sender.	