
IFTMBC

BOOKING CONFIRMATION

Portic

GUIDELINE FOR THE EDISIMPLEX

IFTMBC MESSAGE

Version 2.0

Message:	IFTMBC
Version:	2.0
Date:	November 2010
Source:	<i>Portic Barcelona</i>

CHANGE CONTROL

Version 2.0 is a totally renewed guide from previous version 1.2

Segment: **ENV001**

Edifact: **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:

Segment Structure: ENV001^ Syntax identifier^ Syntax version number^ Sender identification^ Partner identification code qualifier^ Recipient identification^ Partner identification code qualifier^ Date of preparation^ Time of preparation^ INTERCHANGE CONTROL REFERENCE

Notes: ENV001^ UNOC^3^SENDER^ZZZ^RECEIVER^ZZZ^080128^1017^207

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
S001		SYNTAX IDENTIFIER	M 1
		Identification of the agency controlling the syntax and indication of syntax level.	
	0001	Syntax identifier	M a4
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.	
		Supplied Values:	
		UNOC UN/ECE level C	
		As defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1.	
		Latin Alphabet 1 includes the 'at' sign '@' (character 64) as used in email addresses.	
	0002	Syntax version number	M n1
		Version number of the syntax identified in the syntax identifier (0001).	
S002		INTERCHANGE SENDER	M 1
		Identification of the sender of the interchange.	
	0004	Sender identification	M an..35
		Name or coded representation of the sender of a data interchange.	
	0007	Partner identification code qualifier	M an..4
		Qualifier referring to the source of codes for the identifiers of interchanging partners.	
		Supplied Values:	
		ZZZ Mutually defined	
S003		INTERCHANGE RECIPIENT	M 1
		Identification of the recipient of the interchange.	
	0010	Recipient identification	M an..35
		Name or coded representation of the recipient of a data interchange.	
		Trading Partner EDI ID:	
		Will never contain spaces and/or dots alone or any of the following characters - ~ * : ' +	
	0007	Partner identification code qualifier	M an..4

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

Supplied Values:

ZZZ Mutually defined

S004	DATE AND TIME OF PREPARATION	M	1
	Date and time of preparation of the interchange.		
0017	Date of preparation	M	n6
	Local date when an interchange or a functional group was prepared.		
	Format YYMMDD.		
0019	Time of preparation	M	n4
	Local time of day when an interchange or a functional group was prepared.		
	UTC (GMT) Time		
	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		
0020	INTERCHANGE CONTROL REFERENCE	M	1 an..14
	Unique reference assigned by the sender to an interchange.		

Segment: **IFTMBC001**

Edifact: **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 Booking confirmation message is IFTMBC.

Semantic Notes:

Comments:

Segment Structure: IFTMBC001^ MESSAGE REFERENCE NUMBER^ Message type identifier ^ Message type version number ^ Message type release number ^ Controlling agency ^ Association assigned code

Notes: IFTMBC001^0001^IFTMBC^D^99B^UN^2.0

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M 1 an..14
S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M 1
0065		Message type identifier Code identifying a type of message and assigned by its controlling agency. Supplied Values: IFTMBC Booking confirmation message A code to identify the booking confirmation message.	M an..6
0052		Message type version number 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 an..3
0054		Message type release number Release number within the current message type version number (0052). Supplied Values: 99B Release 1999 - B	M an..3
0051		Controlling agency 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 an..2
0057		Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	M an..6

Used to indicate the applicable version.

Supplied Values:

2.0

Version 2.0

Segment: **IFTMBC002**
Edifact: **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:

Segment Structure: IFTMBC002^ DOCUMENT/MESSAGE NAME^DOCUMENT/MESSAGE IDENTIFICATION^MESSAGE FUNCTION CODE^RESPONSE TYPE CODE

Notes: IFTMBC002^770^SI_90087634^6^AP
or
BGM^770^^6^AP or
BGM^770^SI_90087634^6^CA
or
BGM^770^SI_90087634^12 or
BGM^770^SI_90087634^6^AJ
or
BGM^770^SI_90087634^54^AP

Bookings in Confirmed state cannot be placed in Pending state.

Customer Shipment ID will be sent if provided on the original Customer booking request.

Customer Shipment ID will also be provided on any split booking transaction resulting from the original request.

Customer's Shipment Id (C106, 1004) will be blank for all carrier initiated bookings (stand alones).

Response type code (4343) will always be sent when Message function code (1225) = 6 (confirmation) or 54 (split booking confirmation).

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C002		DOCUMENT/MESSAGE NAME	M 1
		Identification of a type of document/message by code or name. Code preferred.	
	1001	Document name code	M an..3
		Code specifying the document name.	
		Supplied Values:	
		770	Booking confirmation
			Document/message issued by a carrier to confirm that space has been reserved for a consignment in means of transport.

C106	DOCUMENT/MESSAGE IDENTIFICATION	C 1
	Identification of a document/message by its number and eventually its version or revision.	
1004	Document/message number	C an..35
	Reference number assigned to the document/message by the issuer.	
	Customer's Shipment Identification Number.	
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. Or Decline
	6	Confirmation Message confirming the details of a previous transmission where such confirmation is required or recommended under the terms of a trading partner agreement.
	12	Not processed Message indicating that the referenced message was received but not yet processed.
	17	Carrier initial Split Booking Cancellation (or decline). Cancel, to be reissued Referenced transaction cancelled, reissued message will follow.
	54	Source booking replaced with splits. Extract A subset of the original. Carrier initial Split Booking Confirmation.
4343	RESPONSE TYPE CODE	C 1 an..3
	Code specifying the type of acknowledgment required or transmitted.	
	Will always be sent when message function code (1225) = 6 (confirmation) or 54 (split booking confirmation).	
	Supplied Values:	
	AJ	Pending Indication that the referenced offer or transaction (e.g. cargo booking or quotation request) is being dealt with.
	AP	Accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted.
	CA	Conditionally accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted under conditions indicated in this message.

Segment: **IFTMBC003**
Edifact: **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:

Segment structure: IFTMBC003^ CONTACT FUNCTION CODE^Department or employee
Notes: IFTMBC003^CW^CHARLES BROWN

This is the primary carrier contact for this booking confirmation.

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

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3139		CONTACT FUNCTION CODE	M 1 an..3
		Code specifying the function of a contact (e.g. department or person).	
		Supplied Values:	
		CW	Confirmed with
			Person with whom the contents of the purchase order has been discussed and agreed (e.g. by telephone) prior to the sending of this message.
C056		DEPARTMENT OR EMPLOYEE DETAILS	M 1
		Code and/or name of a department or employee. Code preferred.	
	3412	Department or employee	M an..35
		The department or person within an organizational entity.	
		Contact Name	

Segment: **IFTMBC004**
Edifact: **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:

Segment structure: IFTMBC004^ Communication number^Communication number code qualifier

Notes: IFTMBC004^973 2635100^TE

Minimum of one communication number will always be sent.

Data Element Summary

Data Element	Component Element	Name	Attributes
C076		COMMUNICATION CONTACT	M 1
		Communication number of a department or employee in a specified channel.	
	3148	Communication number	M an..512
		The communication number.	
	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: **IFTMBC005**
Edifact: **DTM Date/Time/Period**
Position: 0050
Group:
Level: 1
Usage: Mandatory
Max Use: 2
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:

Segment structure: IFTMBC005^ Date/time/period function code qualifier^Date/time/period value^Date/time/period format code

Notes: IFTMBC005^137^200802091013^203 or IFTMBC005^407^200802110400^203

Time is assumed to be UTC/GMT

Document/message date/time (C507, 2005 = 137) will always be sent.

It is recommended that carriers provide SI document due date (C507, 2005 = 407).

All dates will be within 400 days of the current date.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		DATE/TIME/PERIOD	M 1
		Date and/or time, or period relevant to the specified date/time/period type.	
	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.	
		407 Document requested date/time Date/time on which the document is requested by a party. Date by which SI for the booking should be received by the carrier	
	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.	
	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.
Twenty-four hour clock system will be used to express time. Time must 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: IFTMBC006

Edifact: **TSR** Transport Service Requirements
Position: 0060
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to provide confirmation details of the required transport services.
Dependency Notes:
Semantic Notes:
Comments:
Segment structure: IFTMBC006^ Contract and carriage condition code
Notes: IFTMBC006^ 27

It is recommended that carriers provide Move Type in confirmations.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C536		CONTRACT AND CARRIAGE CONDITION To identify a contract and carriage condition.	M 1
	4065	Contract and carriage condition code Code to identify the conditions of contract and carriage. Supplied Values:	M an..3
		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.	

Segment: **IFTMBC007**

Edifact: **FTX** Free Text

Position: 0070

Group:

Level: 1

Usage: Conditional (Optional)

Max Use: 21

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:

Segment structure:

IFTMBC007^TEXT SUBJECT CODE QUALIFIER^Free text value code^Code list identification code^Code list responsible agency code^Free text value^Free text value

Notes: IFTMBC007^AAI^Carriers Comments Free-Form Text

or

IFTMBC007^ACD^EAV^218^ZZZ

or

IFTMBC007^ACD^SAV^218^ZZZ

or

IFTMBC007^CHG^RLD^218^ZZZ

or

IFTMBC007^ABD^THIS IS SPLIT 1 OF 3 ORIGINAL BOOKING REQUEST

or

IFTMBC007^ABV^Free-Form Text Terms and Conditions

or

IFTMBC007^CUS^UCN^110^ZZZ^876_0987896

or

IFTMBC007^CCI^AMS^63^ZZZ

or

IFTMBC007^CCI^NVO^63^ZZZ^SCAC

or

IFTMBC007^AAA^THIS IS COMMODITY SUMMARY INFORMATION

or

IFTMBC007^AAC^IMO 3.1 IMO 1.4

or

IFTMBC007^AAF^1.034 USD

For carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) only segments with Text Subject Code Qualifiers (4451) = AAI, ABD or CHG will be processed. All others will be ignored.

It is recommended that carriers use the Header-level Summary Commodity Description (0070 FTX, AAA) to acknowledge commodities to be shipped. If header level Summary Commodity Description is sent then Goods Description information will not be sent in the GID section of the transaction.

It is recommended that carriers use the Header-level Summary UNDG Numbers and IMO codes (0070 FTX, AAC) to acknowledge dangerous goods to be shipped. If header level Summary UNDG Numbers and IMO codes are sent then Dangerous Goods information will not be sent in the GID section of the transaction.

It is recommended that carriers send Nature of Cargo Hazardous Cargo indicator (GDS C703, 7085 = 11) when Header-level Summary UNDG Numbers and IMO codes (0070 FTX, AAC) are provided.

The Carrier provided change summary will be sent in the Customer outbound IFTMBC under FTX 'AES'.

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

Only 1 segment will be sent with Text Subject Code Qualifier of AAC.

Only 1 segment will be sent with Text Subject Code Qualifier of AAF.

Only 1 segment will be sent with Text Subject Code Qualifier of AAI.

Only 1 segment will be sent with Text Subject Code Qualifier of ABD.

Only 1 segment will be sent with Text Subject Code Qualifier of ABV.

Only 1 segment will be sent with Text Subject Code Qualifier of ACB.

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.

Only 1 segment will be sent with Text Subject Code Qualifier of ACD with Free Text Value Code empty.

Only 4 segments will be sent with Text Subject Code Qualifier of ACD each containing only 1 of Free Text Value Code CHG, EAV, HCV or SAV.

Only 1 segment will be sent with Text Subject Code Qualifier of CHG with Free Text Value Code empty.

Only 3 segments will be sent with Text Subject Code Qualifier of CHG each containing only 1 of Free Text Value Code DOC, PCR or RLD.

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

Data Element Summary

Data Component

It is recommended that carriers only send DOC (documentation split), RLD (containers rolled) or PCR (per container release) when booking transaction is coded as split (0020 BGM 1225 = 12, 17 or 54).

4441 Free text value code M an..17

Code specifying free form text.

This element will be populated when Text Subject Code Qualifier (4451) = CCI or CUS.

This element may be populated when Text Subject Code Qualifier (4451) = ACD or CHG.

This element will NOT be populated when Text Subject Code Qualifier (4451) equals AAA, AAC, AAF, AAI, ABD, ABV, AES or ACB.

Supplied Values:

AMS	Customer to Handle AMS Filing Will only be sent when Text Subject Code Qualifier (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 when Text Subject Code Qualifier (4451) = CUS.

HG	Charge Verification Will only be sent when Text Subject Code Qualifier (4451) = ACD.
DOC	Documentation Split Will only be sent when Text Subject Code Qualifier (4451) = CHG.
EAV	Equipment Availability Verification Will only be sent when Text Subject Code Qualifier (4451) = ACD.
HCV	Hazardous Commodity Verification Will only be sent when Text Subject Code Qualifier (4451) = ACD.
NVO	NVOCC SCAC NVOCC SCAC for US Customs AMS Filing.
PCR	Will only be sent when text subject code (4451) = CCI. Per Container Release Will only be sent when Text Subject Code Qualifier (4451) = CHG.
RLD	Container Rolled Will only be sent when Text Subject Code Qualifier (4451) = CHG.
SAV	Slot Availability Verification Will only be sent when Text Subject Code Qualifier (4451) = ACD.
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 when Text Subject Code Qualifier (4451) = CUS.

1131 Code list identification code M an..3

Identification of a code list.

If C107, 4441 is populated this element will also be sent.

Supplied Values:

63	Handling action Codes for handling action. Will be sent when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code (C107, 4441) = AMS or NVO.
110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment. Will be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = UCN or CCN.
218	Information request result Identifies a code list containing information request results. Will be sent when Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code (C107, 4441) = CHG, EAV, HCV, PCR, SAV, RLD and DOC.

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.

4440 Free text value M an..512

This element will be populated when Text Subject Code Qualifier (4451) = AAA, AAC, AAF, AAI, ABD, ABV, ACB or AES

or

Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code (C107, 4441) is NOT populated

or

Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) is populated with CCN or UCN

or

(limited to 4 characters) Text Subject Code Qualifier (4451) = CCI and Free Text Value Code (C107, 4441) is populated with NVO

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

or

Text Subject Code Qualifier (4451) = ACD and Free Text Value Code (C107, 4441) is populated with CHG, EAV, HCV or SAV

or

Text Subject Code Qualifier (4451) = CHG and Free Text Value Code (C107, 4441) is populated with PCR, DOC or RLD.

4440 Free text value C an..512

Free form text.

This element MAY only be populated when Text Subject Code Qualifier (4451) = AAA, AAC, AAF, AAI, ABD, ABV, ACD, AES, ACB or CHG and Free Text Value Code (C107, 4441) is not populated .

This element will NOT be populated when Text Subject Code Qualifier (4451) = CCI or CUS

or

Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code (C107, 4441) is populated .

.

Segment: **IFTMBC008**
Edifact: **GDS Nature of Cargo**
Position: 0090
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 4
Purpose: A segment to describe the nature of cargo.

Dependency Notes:
Semantic Notes:
Comments:

Segment structure: IFTMBC008^Nature of cargo, coded
Notes: IFTMBC008^11

Only one of each Nature of Cargo code (C703, 7085) will be sent per transaction.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C703		NATURE OF CARGO Rough classification of a type of cargo.	M 1
	7085	Nature of cargo, coded Code indicating the type of cargo as a rough classification. Supplied Values:	M an..3
		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.	

Group: **Segment Group 1: Place/Location Identification**
Position: 0100
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 4
Purpose: A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0110	IFTMBC009	Place/Location Identification	M	1	
	0120	IFTMBC010	Date/Time/Period	C	2	

Segment: **IFTMBC009**

Edifact: **LOC Place/Location Identification**

Position: 0110 (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:

Segment structure: IFTMBC009^LOCATION FUNCTION CODE QUALIFIER^Location name code^Code list identification code^Code list responsible agency code^Location name^Related place/location one identification^Code list identification code^Code list responsible agency code^Related place/location one^Related place/location two

Notes: IFTMBC009^10^NLRM^181^6
or
IFTMBC009^125^GBLIV^181^6^LIVERPOOL^UK^162^5
or
IFTMBC009^87^USBOS^181^6^BOSTON
or
IFTMBC009^24^FRLEH^181^6^LE HAVRE

Only one of each type of location function qualifier will be sent per transaction.

For each location, either Location Code (C517, 3225) or Location Name (C517, 3224) will always be provided.

It is recommended that carriers send country id (C519, 3223) and/or state/province information (C553,3232) for any uncoded locations.

If ISO Country code (C519, 3223) is provided it is recommended that it is compatible with UNLOC.

It is recommended that carrier provide all 4 of the following AMS locations and related dates when the customer has indicated AMS self filing status (FTX 4451 = CCI, 4441 = AMS in booking request):

Foreign Port/Place of Acceptance (3227 = 10).

Final Port for AMS Documentation (3227 = 24).

First US Port Visited (3227 = 87).

Last Non-US Port Visited (3227 = 125).

Data Element Summary

Data	Component		
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. Supplied Values:	M 1 an..3
		10 Place of acceptance (3348) Place at which the goods are taken over by the carrier. First Foreign Port/Place of Acceptance	
		24 Port of entry Port where final documentation is filed for Customs Entry processing. Final Port for AMS Documentation	
		87 Place/port of conveyance initial arrival Place/port in the country of destination where the conveyance initially arrives from the "Last place/port of call of conveyance" (125). First US Port Visited	
		125 Last place/port of call of conveyance Conveyance departed from this last foreign place/port of call to go to "Place/port of conveyance initial arrival" (87). Last Non-US Port Visited	
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	M 1
	3225	Location name code Code specifying the name of the location.	C an..25
	1131	Code list identification code Identification of a code list. If C517, 3225 is populated this element will also be sent.	C an..3
		Accepted Values:	
		181 Activity Code identifying activities.	
	3055	Code list responsible agency code Code specifying the agency responsible for a code list. If C517, 3225 is populated this element will also be sent.	C an..3
		Accepted Values:	
		6 UN/ECE (United Nations - Economic Commission for Europe) ZZZ Mutually defined	
	3224	Location name Name of the location.	C an..256
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1

	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.		
		Accepted 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.		
		Accepted 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.		
	3232	Related place/location two	C	an..70
		Specification of a second related place/location by name. State/Province code or name.		

Segment: **IFTMBC010**
Edifact: **DTM Date/Time/Period**
Position: 0120
Group: Segment Group 1 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment to indicate date(s) and time(s) relating to the location.

Dependency Notes:
Semantic Notes:
Comments:

Segment structure: IFTMBC010^ Date/time/period function code qualifier^Date/time/period value^Date/time/period format code

Notes: IFTMBC010^132^20070522^102
or
IFTMBC010^ 150^200705021300^203

Estimated arrival date at first US Port.(C507, 2005 = 132) will only be sent if the preceding LOC 3227 = 87.

AMS Filing Due date (C507, 2005 = 150) will only be sent if the preceding LOC 3227 = 24.

Only one of each type of date qualifier will be sent per transaction.

Date will be within 400 days of the current date.

Date/Time (C507, 2380) will be consistent with Date/time format code (C507, 2379).

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

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C507		DATE/TIME/PERIOD	M	1
		Date and/or time, or period relevant to the specified date/time/period type.		
	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. At first US Port.	
		150	Declaration/presentation date Date when item has been or has to be declared/presented. Date AMS Filing is Due.	
	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.		
	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: **Segment Group 2: Reference**
Position: 0130
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.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0140	IFTMBC011	Reference	M	1	
	0150	IFTMBC012	Date/Time/Period	C	2	

Segment: **IFTMBC011**

Edifact: **RFF Reference**

Position: 0140 (Trigger Segment)

Group: Segment Group 2 (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:

Segment structure: IFTMBC011^Reference function code qualifier^Reference identifier

Notes: IFTMBC011^ BN^CARRIER BOOKING NBR

IFTMBC011^ZZZ^INTTRA BOOKING REF

It is recommended that carriers provide all available references for Carrier initiated booking (stand-alone bookings).

Carrier Booking Number is mandatory when Message Function Code (0020 BGM, 1225) is 6 (confirmation) and Response Type Code (0020 BGM, 4343) is either AP (Accepted) or CA (Conditionally Accepted).

Carrier Booking Number is also mandatory when Message Function Code (0020 BGM, 1225) is 54 (carrier initial split booking confirmation) and Response Type Code (0020 BGM, 4343) is one of AP (Accepted), CA (Conditionally Accepted), or AJ (Pending).

Carrier Booking Number is also mandatory for Standalone Booking Confirmations.

BN (Carrier Booking Number) will always be unique among all active and replaced bookings for the carrier.

AGO (Carrier Source Booking Number) is mandatory for a new booking split when the predecessor of the split booking is in Confirmed state.

For Carrier Cancellation/Decline (0020 BGM 1225 = 1,12) or Replacement (0020 BGM 1225 = 17) only references BN (Carrier booking number) and AGO (Carrier source booking number) will be processed from the carrier's transaction. All others will be ignored.

Only one of AFG (Tariff Number), AGE (Agents Reference), AGO (Parent Booking Number), BN (Booking Number), CT (Contract Number)/LI (contract Line Item Number), EX (Export License), or ZZZ (INTTRA Reference) will be accepted.

Multiple occurrences of all other references may be provided as follows: Any combination of CN (Local Booking Number), BM (Bill of Lading) and RE (Release Number) up to 30 occurrences. Any combination of AGB (Contract Party reference), AKG (Vehicle ID number), ANT (Consignee's reference), FF (Freight Forwarder's reference), ON (Purchase Order number) and SI (Shipper's reference number) up to 60 occurrences.

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

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

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

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C506		REFERENCE	M 1
		Identification of a reference.	
	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. Outbound Booking Agent Reference
		AGO	Sender's reference to the original message The reference provided by the sender of the original message. Carrier Source Booking Number Identifies source booking from which splits are created. Will be provided when a previously Acknowledged / Confirmed booking is split.
		AKG	Must not be more than 30 characters. 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
		CN	Will not be more than 30 characters. Carrier's reference number Reference number assigned by carrier to a consignment. Local Booking Number
		CT	Contract number Reference number of a contract concluded between

		parties. Contract/Quote Number	
EX		Export license number [1208] Reference number assigned by issuing authority to an Export License.	
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 Will only be provided when CT (Contract Number) is provided.	
ON		Order number (purchase) [1022] Reference number assigned by the buyer to an order.	
RE		Release number Reference number assigned to identify a release of a set of rules, conventions, conditions, etc. Container release number	
SI		SID (Shipper's identifying number for shipment) Description to be provided.	
<i>ZZZ</i>		Mutually defined reference number Number based on party agreement. INTTRA's unique reference (INTTRA Ref) for the booking.	
1154	Reference identifier		M an..35
		Number of the line in the document/message referenced in 1154 Reference identifier.	

Segment: **IFTMBC012**
Edifact: **DTM Date/Time/Period**
Position: 0150
Group: Segment Group 2 (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:

Segment structure: IFTMBC012^ Date/time/period function code qualifier^Date/time/period value^Date/time/period format code

Notes: IFTMBC012^182^20070426^102
or
IFTMBC012^36^20071126^102

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1,12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Notes:

- This DTM is used only for Export Licenses 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

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		DATE/TIME/PERIOD	M 1
		Date and/or time, or period relevant to the specified date/time/period type.	
	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.	
	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.	
	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.	

Segment: **IFTMBC013**
Edifact: **TCC Transport Charge/Rate Calculations**
Position: 0160
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 6
Purpose: A segment to provide information on the charges associated with the transport.

Dependency Notes:

Semantic Notes:

Comments:

Segment structure: IFTMBC013^Freight and charges identification^Code list identification code^Freight and charges

Notes: IFTMBC013^4^ZZZ
or
IFTMBC013^2^ZZZ^ADDITIONAL CHARGE INFO

Acknowledgement of Receipt of advisory charge information and/or Confirmation of Booking Requests or Amendments that include advisory charge information does not constitute Carrier acceptance of the charges in any form.

Access to Charge information provided in the segment will be limited to Carrier and Booking party on the booking.

It is recommended that carriers acknowledge charges if sent in a booking request (NAD loop CPI segment).

Only one occurrence of each charge will be sent.

If Charge Code 1 (All Charges) is sent no other charge codes will be sent.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C200		CHARGE	M 1
		Identification of a charge by code and/or by name.	
	8023	Freight and charges identification	M an..17
		Coded description of freight charges and other charges (used in combination with 1131/3055).	
		Supplied Values:	
		1 All Charges	
		Mutually exclusive of all other charge codes.	
		2 Additional Charges	
		4 Basic Freight	
		5 Destination Haulage Charges	
		7 Destination Port Charges	
		10 Origin Port Charges	
		11 Origin Haulage Charges	
	1131	Code list identification code	M an..3
		Identification of a code list.	

If C200, 8023 is populated then this element will also be sent.

Supplied Values:

ZZZ Mutually defined

8022 Freight and charges **C** **an..26**
Plain language statement describing freight and other charges.

Segment Group 3: Details of Transport

Group: 0170
Position: 0170
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.	Seg.	Name	Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0180	IFTMBC014	Details of Transport	M	1	
	0210		Segment Group 4: Place/Location Identification	C		2

Segment: **IFTMBC014**

Edifact: **TDT Details of Transport**

Position: 0180 (Trigger Segment)

Group: Segment Group 3 (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:

Segment structure: IFTMBC014^TRANSPORT STAGE CODE QUALIFIER^CONVEYANCE REFERENCE NUMBER^Transport mode name code^Transport means description code^Transport means description^Carrier identification^Code list identification code^Code list responsible agency code^Transport means identification name identifier^Code list responsible agency code^Transport means identification name^Nationality of means of transport, coded

Notes: IFTMBC014^10^^2
or
IFTMBC014^20^VOY 0023^1^13^OCEAN V^SCAC^172^182^LLOYDS CD^11^VESSEL NAME^DE
or
IFTMBC014^30^^3^^^SCAC^172^182

It is recommended that that carriers provide full transport plan from contractual place of receipt to contractual place of delivery.

It is recommended that transport plan legs be provided in the order in which transport is expected to occur. Legs will be stored and sent to the Customer in the order received.

It is recommended that carriers send transport means codes (C228, 8179) that are consistent with transport mode code (C220, 8067).

It is recommended that carriers provide Lloyd's code (C222, 8213) when applicable.

It is recommended to carriers 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.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
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 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		
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.		
	3127	Carrier identification	M	an..17
		Identification of party undertaking or arranging transport of goods between named points. Carrier SCAC (will not exceed 4 characters)		
	1131	Code list identification code	M	an..3
		Identification of a code list. Supplied Values:		

	172	Carriers Code list identifying carriers.		
	3055	Code list responsible agency code Code specifying the agency responsible for a code list. Supplied Values: 182 US, Standard Carrier Alpha Code (Motor) Organization maintaining the SCAC lists and transportation operating in North America.	M	an..3
C222		TRANSPORT IDENTIFICATION Code and/or name identifying the means of transport.	C	1
	8213	Transport means identification name identifier Identifies the name of the transport means. Lloyd's Code	C	an..9
	3055	Code list responsible agency code 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.	C	an..3
	8212	Transport means identification name Name identifying a means of transport. Vessel Name	C	an..35
	8453	Nationality of means of transport, coded Coded name of the country in which a means of transport is registered. Valid 2 Character ISO Country Code of Ship's Registry	C	an..3

Group: **Segment Group 4: Place/Location Identification**
Position: 0210
Group: Segment Group 3 (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.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0220	IFTMBC015	Place/Location Identification	M	1	
	0230	IFTMBC016	Date/Time/Period	C	2	

Segment: **IFTMBC015**
Edifact: **LOC Place/Location Identification**
Position: 0220 (Trigger Segment)
Group: Segment Group 4 (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:

Segment structure: IFTMBC015^LOCATION FUNCTION CODE QUALIFIER^Location name code^Code list identification code^Code list responsible agency code^Location name^Related place/location one identification^Code list identification code^Code list responsible agency code^Related place/location one^Related place/location two

Notes: IFTMBC015^9^USELZ^139^6
or
IFTMBC015^11^NLRM^139^6^ROTTERDAM^NL^162^5

For each location, either Location Code (C517, 3225) or Location Name (C517, 3224) will always be provided.

It is recommended to carriers that if either location (start or end) is provided that both be provided and that they be coded.

If ISO Country code (C519, 3223) is sent it is recommended that it is compatible with UNLOC.

It is recommended that carriers send country id (C519, 3223) and/or state/province information (C553,3232) for any uncoded locations.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

Data Component

<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
3227		LOCATION FUNCTION CODE QUALIFIER 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 for each leg. 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 for each leg.	M	1 an..3
C517		LOCATION IDENTIFICATION Identification of a location by code or name.	M	1
	3225	Location name code Code specifying the name of the location.	C	an..25
	1131	Code list identification code Identification of a code list. If C517, 3225 is populated this element will also be sent. Supplied Values: 139 Port A location having facilities for means of transport to load or discharge cargo.	C	an..3
	3055	Code list responsible agency code Code specifying the agency responsible for a code list. If C517, 1131 is populated this element will also be sent. Supplied Values: 6 UN/ECE (United Nations - Economic Commission for Europe) ZZZ Mutually defined Customers preferred Alias	C	an..3
	3224	Location name Name of the location.	C	an..256
C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	1
	3223	Related place/location one identification Specification of the first related place/location by code. Valid 2 Character ISO Country Code	C	an..25
	1131	Code list identification code Identification of a code list. If C519, 3223 is populated this element will also be sent. Supplied Values: 162 Country Identification of a country.	C	an..3

	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.		
	3232	Related place/location two	C	an..70
		Specification of a second related place/location by name. State/Province code or name.		

Segment: **IFTMBC016**
Edifact: **DTM Date/Time/Period**
Position: 0230
Group: Segment Group 4 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
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:

Segment structure: IFTMBC016^ Date/time/period function code qualifier^Date/time/period value^Date/time/period format code

Notes: IFTMBC016^133^200704290800^203
or
IFTMBC016^180^200704151430^203
or
IFTMBC016^132^20070409^102

Dates 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.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		DATE/TIME/PERIOD	M 1
		Date and/or time, or period relevant to the specified date/time/period type.	
	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. Will 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. Will only be sent if the preceding LOC segment is qualified as 9 (Start location).	
		180 Closing date/time Final date for delivering cargo to a liner ship. Will only be sent if the preceding LOC segment is qualified as 9 (Start location).	
	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.

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: **Segment Group 6: Name and Address**
Position: 0270
Group:
Level: 1
Usage: Mandatory
Max Use: 11
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	0280	IFTMBC017	Name and Address	M	1	
	0300		Segment Group 7: Contact Information	C		9

Segment: **IFTMBC017**
Edifact: **NAD Name and Address**
Position: 0280 (Trigger Segment)
Group: Segment Group 6 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.

Dependency Notes:

Semantic Notes:

Comments:

Segment structure: IFTMBC017^PARTY FUNCTION CODE QUALIFIER^Party identifier^Code list identification code^Code list responsible agency code^Name and address line^Name and address line^Name and address line^Name and address line^Street and number/p.o. box^Street and number/p.o. box^POSTAL IDENTIFICATION CODE^COUNTRY NAME CODE

Notes: IFTMBC017^CA^SCAC^160^86^CARRIER
or
IFTMBC017^CZ^INTSHPCD^160^192^SHIPPER NAME^3 M ST DETRIOT, MI^^^^^^13080
or
IFTMBC017^CZ^80988^160^192^SHIPPER NAME ^300 M ST DETRIOT, MI 13080 US
or
IFTMBC017^CN^SHPERCD^160^86^CONSIGNEE^46 MAIN ST BERLIN DE
or
IFTMBC017^NI^MDCD1238^160^ZZZ
or
IFTMBC017^NI^DUNS^160^16

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

For carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions, only CA (Carrier) party will be processed. All others will be ignored.

It is recommended that if Booker is sent that it be someone other than the carrier.

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

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3035		PARTY FUNCTION CODE QUALIFIER	M 1 an..3
		Code giving specific meaning to a party.	
		Supplied Values:	
	BO	Broker or sales office Party acting in the name of the seller as broker or as sales office.	
	CA	Carrier Used to provide address and contact details for Carrier Booking Office handling this booking.	
	CN	Consignee (3126) Party undertaking or arranging transport of goods between named points.	

	(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.
N2	Notify party no. 2
	The second party which is to be notified.
NI	Notify party
	(3180) Party to be notified of arrival of goods.
	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.		
3039	Party identifier	M	an..35
	Code specifying the identity of a party.		
1131	Code list identification code	M	an..3
	Identification of a code list.		
	Supplied Values:		
	160 Party identification		
	Identification of parties, corporates, etc.		
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.		
	Duns number		
	86 Assigned by party originating the message		
	Codes assigned by the party originating the message.		
	Customer Assigned Code		
	192 Shipper's association		
	Code assigned by a shipper's association.		
	ZZZ Mutually defined		
	Pass through code. Mutually agreed between Customer		

and Carrier.

C058	NAME AND ADDRESS Unstructured name and address: one to five lines.	C	1
3124	Name and address line Free form name.	M	an..35
3124	Name and address line Free form address 1.	C	an..35
3124	Name and address line Free form address 2.	C	an..35
3124	Name and address line Free form address 3.	C	an..35
3124	Name and address line Free form address 4.	C	an..35
C059	STREET Additional address.	C	1
3042	Street and number/p.o. box Free form address 5.	M	an..35
3042	Street and number/p.o. box Free form address 6.	C	an..35
3251	POSTAL IDENTIFICATION CODE Code specifying the postal zone or address.	C	1 an..17
3207	COUNTRY NAME CODE Identification of the name of the country or other geographical entity as specified in ISO 3166. Valid 2 Character ISO Country Code.	C	1 an..3

Segment Group 7: Contact Information

Group: Segment Group 7: Contact Information
Position: 0300
Group: Segment Group 6 (Name and Address) Conditional (Optional)
Level: 2
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	0310	IFTMBC018	Contact Information	M	1	
M	0320	IFTMBC019	Communication Contact	M	9	

Segment: **IFTMBC018**

Edifact: **CTA Contact Information**

Position: 0310 (Trigger Segment)

Group: Segment Group 7 (Contact Information) Conditional (Optional)

Level: 2

Usage: Mandatory

Max Use: 1

Purpose: A segment to identify a person or department within the party.

Dependency Notes:

Semantic Notes:

Comments:

Segment structure: IFTMBC018^ CONTACT FUNCTION CODE^Department or employee

Notes: IFTMBC018^IC^JOHN Q WORKER

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

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3139		CONTACT FUNCTION CODE	M 1 an..3
		Code specifying the function of a contact (e.g. department or person). Supplied Value:	
		IC Information contact	
		Department/person to contact for questions regarding transactions.	
C056		DEPARTMENT OR EMPLOYEE DETAILS	M 1
		Code and/or name of a department or employee. Code preferred.	
	3412	Department or employee	M an..35
		The department or person within an organizational entity.	

Segment: **IFTMBC019**
Edifact: **COM Communication Contact**
Position: 0320
Group: Segment Group 7 (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:

Segment structure: IFTMBC019^ Communication number^Communication number code qualifier

Notes: IFTMBC019^973 263510^TE

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C076		COMMUNICATION CONTACT	M 1
		Communication number of a department or employee in a specified channel.	
	3148	Communication number The communication number.	M an..512
	3155	Communication number code qualifier Code qualifying the communication number.	M an..3
		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	
	TE	Telephone Will not be populated with spaces and/or dots alone. Voice/data transmission by telephone. Will not be populated with spaces and/or dots alone.	

Group: **Segment Group 9: Goods Item Details**
Position: 0390
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.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0400	IFTMBC020	Goods Item Details	M	1	
	0460	IFTMBC021	Free Text	C	5	
	0520		Segment Group 11: Measurements	C		2
	0550		Segment Group 12: Dimensions	C		1
	0580		Segment Group 13: Reference	C		9
	0640		Segment Group 15: Dangerous Goods	C		99

Segment: **IFTMBC020**
Edifact: **GID Goods Item Details**
Position: 0400 (Trigger Segment)
Group: Segment Group 9 (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:

Segment structure: IFTMBC020^GOODS ITEM NUMBER^Number of packages^Package type description code^Code list identification code^Code list responsible agency code^Type of packages^Number of Inner Packages^Package type description code^Code list identification code^Code list responsible agency code^Type of packages^Number of Inner-inner Packages^Package type description code^Code list identification code^Code list responsible agency code^Type of packages
Notes: IFTMBC020^1^50^CT^67^6^CARTON

It is recommended that carriers use the Header-level summary Commodity Description (0070 FTX, 'AAA') to acknowledge commodities being shipped. If header level Summary Commodity Description is sent then GID information must not be sent in the transaction.

It is recommended to carriers that Pallets are not an acceptable packaging type.

It is recommended that carriers send inner and inner-inner pack for dangerous cargo only if there are multiple DG cargoes in one outer pack.

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 will precede an Inner Pack Composite and an Inner Pack Composite will precede an Inner-Inner Pack Composite.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1496		GOODS ITEM NUMBER Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.	M 1 n..5
C213		NUMBER AND TYPE OF PACKAGES Number and type of individual parts of a shipment.	C 1
	7224	Number of packages 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.	M n..8

		Note: Will be a valid whole number (no commas or decimals).		
	7065	Package type description code	C	an..17
		Code specifying the type of package.		
		Two-character UN/ECE recommendation 21, revision 4 package codes.		
	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, 1131 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		
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	M	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: Will be a valid whole number (no commas or decimals).		
	7065	Package type description code	C	an..17
		Code specifying the type of package.		
		Two-character UN/ECE recommendation 21, revision 4 package codes.		
	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, 1131 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

Segment: **IFTMBC021**

Edifact: **FTX** Free Text

Position: 0460

Group: Segment Group 9 (Goods Item Details) Conditional (Optional)

Level: 2

Usage: Conditional (Optional)

Max Use: 5

Purpose: A segment to specify processable supplementary information relating to the goods item.

Dependency Notes:

Semantic Notes:

Comments:

Segment structure: IFTMBC021^TEXT SUBJECT CODE QUALIFIER^Free text value code^Code list identification code^Code list responsible agency code^Free text value^Free text value

Notes: IFTMBC021^AAA^^^GOODS DESCRIPTION

or

IFTMBC021^CUS^UCN^110^ZZZ^856_48576

or

IFTMBC021^ADE^HC^169^ZZZ^HARMONIZED CODE

or

IFTMBC021^ADE^SB^76^ZZZ^SCHEDULE B NUMBER

It is recommended that carriers use the Header-level Summary Commodity Description (0070 FTX, AAA) to acknowledge commodities being shipped. If header level Summary Commodity Description is sent then GID information must not be sent in the transaction.

Only 1 occurrence of FTX+AAA will be sent per GID line.

If GID details are provided it is recommended to carriers that they be limited to outer pack for non-dangerous commodities.

If GID details are provided it is recommended that carriers send only one occurrence of each type of customs declaration number (4451 = CUS) per GID sequence.

If GID details are provided it is recommended that carriers send only one of each type of commodity Id (4451 = ADE) per GID sequence except as required for dangerous goods.

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

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
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).	
	ADE	Code value name	
		Text subject is name of code value.	

Commodity Classification

CUS Customs declaration information
Note contains customs declaration information.

C107	TEXT REFERENCE	C 1
	Coded reference to a standard text and its source.	
4441	Free text value code	M an..17
	Code specifying free form text.	
	This element will be populated when Text Subject Code Qualifier (4451) = ADE or CUS.	
	This element will NOT be populated when Text Subject Code Qualifier (4451) equal AAA.	
	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.	
	HC Harmonized Code	
	Will only be sent when Text Subject Code Qualifier (4451) = ADE.	
	SB Schedule B Number	
	Will only be sent when Text Subject Code Qualifier (4451) = ADE.	
	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 when Text Subject Code Qualifier (4451) = CUS.	
1131	Code list identification code	M an..3
	Identification of a code list.	
	Supplied Values:	
	76 Export commodity classification (US Schedule B) Code list containing the commodity classifications applying to goods being exported (United States Schedule B).	
	Will be sent when Text Subject Code Qualifier (4451) = ADE and Free Text Value Code (C107, 4441) = SB.	
	110 Customs special codes	
	Customs code to indicate an exemption to a regulation or a special Customs treatment.	
	Will be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN.	
	169 Harmonized system	
	Identification of commodities according to the Harmonized System.	
	Will be sent when Text Subject Code Qualifier (4451) =	

ADE and Free Text Value Code (C107, 4441) = HC

3055	<p>Code list responsible agency code</p> <p>Code specifying the agency responsible for a code list.</p> <p>Supplied Values:</p> <p style="padding-left: 40px;">ZZZ Mutually defined</p>	M	an..3
C108	<p>TEXT LITERAL</p> <p>Free text; one to five lines.</p>	M	1
4440	<p>Free text value</p> <p>Free form text.</p> <p>This element will always be populated.</p>	M	an..512
4440	<p>Free text value</p> <p>Free form text.</p> <p>This element may be populated when Text Subject Code Qualifier (4451) = AAA.</p> <p>This element will NOT be populated when Text Subject Code Qualifier (4451) = CUS or ADE.</p>	C	an..512

Segment Group 11: Measurements

Group: Segment Group 11: Measurements
Position: 0520
Group: Segment Group 9 (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.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0530	IFTMBC022	Measurements	M	1	

Segment: **IFTMBC022**

Edifact: **MEA** Measurements

Position: 0530 (Trigger Segment)

Group: Segment Group 11 (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:

Segment structure: IFTMBC022^MEASUREMENT ATTRIBUTE CODE^Measured attribute code^Measurement unit code^Measurement value

Notes: IFTMBC022^AAE^G^KGM^300.135

or

IFTMBC022^AAE^AAW^MTQ^30.0654

If GID details are provided it is recommended that carriers provide GID inner and inner-inner level measurements for dangerous commodities only.

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

All weight and/or volume 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"

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
6311		MEASUREMENT ATTRIBUTE CODE Code specifying the measurement attribute. Supplied Values: AAE Measurement [6314] Value of the measured unit.	M 1 an..3
C502		MEASUREMENT DETAILS Identification of measurement type.	M 1
	6313	Measured attribute code 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	M an..3

excluding the carrier's equipment.

C174	VALUE/RANGE	M	1
	Measurement value and relevant minimum and maximum values of the measurement range.		
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		
6314	Measurement value	M	an..18
	Value of the measured unit.		

Segment Group 12: Dimensions

Group: Segment Group 12: Dimensions
Position: 0550
Group: Segment Group 9 (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.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0560	IFTMBC023	Dimensions	M	1	

6140	Width dimension Width of pieces or packages stated for transport purposes.	C	n..15
6008	Height dimension Height of pieces or packages stated for transport purposes.	C	n..15

Group: Segment Group 13: Reference

Position: 0580
Group: Segment Group 9 (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.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0590	IFTMBC024	Reference	M	1	
	0600	IFTMBC025	Date/Time/Period	C	2	

Segment: IFTMBC024

Edifact: RFF Reference

Position: 0590 (Trigger Segment)

Group: Segment Group 13 (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:

Segment structure: IFTMBC024^Reference function code qualifier^Reference identifier

Notes: IFTMBC024^ABW^COMMODITY SKU NUMBER

or

IFTMBC024^ON^PURCHASE ORDER NUMBER

or

IFTMBC024^EX^EXPORT LICENSE NUMBER

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

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

If GID details are provided It is recommended that these references be limited to outer pack for non-dangerous commodities.

It is recommended that carrier only send ON (Purchase Order Number) at this level, if each commodity has a different purchase order number.

It is recommended that carrier only send EX (Export License Number) at this level, if each commodity has a different export license number.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C506		REFERENCE	M 1
		Identification of a reference.	
	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 license number	
		[1208] Reference number assigned by issuing authority to an Export License.	
		ON Order number (purchase)	
		[1022] Reference number assigned by the buyer to an order.	

1154 Reference identifier
Identifies a reference.

M an..35

Segment: **IFTMBC025**
Edifact: **DTM Date/Time/Period**
Position: 0600
Group: Segment Group 13 (Reference) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment to indicate date and time relating to the reference.

Dependency Notes:

Semantic Notes:

Comments:

Segment structure: IFTMBC025^ Date/time/period function code qualifier^Date/time/period value^Date/time/period format code

Notes: IFTMBC025^182^20070421^102
or
IFTMBC025^36^20071015^102

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'.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C507		DATE/TIME/PERIOD	M	1
		Date and/or time, or period relevant to the specified date/time/period type.		
	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.	
	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.		
	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.	

Segment Group 15: Dangerous Goods

Group: Segment Group 15: Dangerous Goods
Position: 0640
Group: Segment Group 9 (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	0650	IFTMBC026	Dangerous Goods	M	1	
	0660	IFTMBC027	Free Text	O	12	
	0670		Segment Group 16: Contact Information	C		1
	0700		Segment Group 17: Measurements	C		4

Segment: **IFTMBC026**

Edifact: **DGS Dangerous Goods**

Position: 0650 (Trigger Segment)

Group: Segment Group 15 (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:

Segment structure: IFTMBC026^DANGEROUS GOODS REGULATIONS CODE^Hazard code identification^Hazard substance/item/page number^UNDG number^Shipment flashpoint^Measurement unit code^PACKING GROUP, CODED^EMS NUMBER^TREM CARD NUMBER^Dangerous goods label marking^Dangerous goods label marking

Notes: IFTMBC026^IMD^3.2^23-2^1993^45.5^CEL^2^EMSNBR^345^1.2^4

It is recommended that instead of Dangerous Goods details, Carriers provide an acknowledgment of the hazardous commodities to be shipped using Header-level Dangerous Goods Additional Information (0080 FTX, AAC) to list the applicable UNDG numbers and IMO codes. If header level dangerous goods information is sent then GID/DGS information will not be provided.

Notes:

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

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

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
8273		DANGEROUS GOODS REGULATIONS CODE 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 1 an..3
C205		HAZARD CODE The identification of the dangerous goods in code.	M 1
	8351	Hazard code identification Dangerous goods code. IMO Class Code	M an..7
	8078	Hazard substance/item/page number Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.	C an..7
	8092	Hazard code version number The version/revision number of date of issuance of the code used.	C an..10
C234		UNDG INFORMATION Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	M 1
	7124	UNDG number Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.	M n4
C223		DANGEROUS GOODS SHIPMENT FLASHPOINT Temperature at which a vapor can be ignited as per ISO 1523/73.	C 1
	7106	Shipment flashpoint Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapor is given off that can be ignited.	M n3
	6411	Measurement unit code Code specifying the unit of measurement. Supplied Values: CEL Celsius FAH Fahrenheit	M an..3
8339		PACKING GROUP, CODED 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	C 1 an..3

	3	IATA/IDMG/ADR/RID regulations. 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.		
8126		TREM CARD NUMBER	C	1
		an..10		
		The identification of a transport emergency card giving advice for emergency actions.		
C236		DANGEROUS GOODS LABEL	C	1
		Markings identifying the type of hazardous goods and similar information.		
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		
		Only sent if more than one IMO code applies 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		
		Only sent if more than two IMO code applies to the dangerous commodity.		

Segment: **IFTMBC027**
Edifact: **FTX** Free Text
Position: 0660
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Optional (Optional)
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:

Segment structure: IFTMBC027^TEXT SUBJECT CODE QUALIFIER^Free text value code^Code list identification code^Code list responsible agency code^Free text value^Free text value
Notes: IFTMBC027^AAD++PSN:122:ZZZ+PROPER SHIPPING NAME

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

IFTMBC027^AAD^TN^122^ZZZ^TECHNICAL NAME
or
IFTMBC027^AAD^TLQ^122^ZZZ
or
IFTMBC027^AAC^^^DANGEROUS GOODS ADDITIONAL INFORMATION
or
IFTMBC027^AAC^P^122^ZZZ
or
IFTMBC027^AAC^GAS^122^ZZZ
or IFTMBC027^HAN^4^122^ZZZ
or
IFTMBC027^AEP^^^RADIOACTIVE ADDITIONAL INFORMATION
or
IFTMBC027^PKG^6HA1^183^ZZZ

Only 4 segments per DGS loop may 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 segment per DGS loop may 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 may be sent with Text Subject Code Qualifier of HAN and Free text value code of 4.

Only 1 segment per DGS loop may be sent with Text Subject Code Qualifier of AEP and Free text value code is not populated.

Only 1 segment per DGS loop may 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 may 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.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4451		TEXT SUBJECT CODE QUALIFIER Code specifying the subject of the text.	M 1 an..3
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 Haz Mat Placard (explosive, flammable, etc.)	
	PKG	Packaging information Note contains packaging information. Free-text Value code (C107, 4441) will contain IBC (intermediate bulk container code).	
	REG	Regulatory information The free text contains information for regulatory authority.	
C107		TEXT REFERENCE 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).	C 1
	4441	Free text value code Code specifying free form text. This element will be populated when Text Subject Code Qualifier (4451) = AAC, HAN or PKG. This element may be populated when Text Subject Code Qualifier (4451) = AAC. This element will NOT be populated when Text Subject Code Qualifier (4451) = HAZ, AEP or REG.	M an..17

Supplied Values:

4	Empty uncleaned receptacle Will be sent when Text Subject Code Qualifier (4451) = HAN.
GAS	Gas Will only be sent when Text Subject Code Qualifier (4451) = AAC.
IHL	Inhalant hazard Will only be sent when Text Subject Code Qualifier (4451) = AAC. LQDLiquid Will only be sent when Text Subject Code Qualifier (4451) = AAC.
NP	Non-marine pollutant Will only be sent when Text Subject Code Qualifier (4451) = AAC.
P	Marine pollutant, oder Will only be sent when Text Subject Code Qualifier (4451) = AAC.
PP	Severe marine pollutant Will only be sent when Text Subject Code Qualifier (4451) = AAC.
PSN	Proper dangerous goods shipping name Will only be sent when Text Subject Code Qualifier (4451) = AAD. SLD Solid Will only be sent when Text Subject Code Qualifier (4451) = AAC.
TLQ	Transport of dangerous goods in limited quantities Will only be sent when Text Subject Code Qualifier (4451) = AAD.
TN	Dangerous goods technical name Will only be sent when Text Subject Code Qualifier (4451) = AAD.

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). Will be sent when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) = GAS, LQD, SLD, IHL, NP, P or PP or Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = TLQ, PSN or TN.
183	Dangerous goods packing type Identification of package types for the description related to dangerous goods. IBC intermediate bulk container code Will be sent when Text Subject Code Qualifier (4451) = PKG and Free Text Value Code (C107, 4441) is populated.

3055	Code list responsible agency code Code specifying the agency responsible for a code list. Supplied Values: <i>ZZZ</i> Mutually defined	M	an..3
C108	TEXT LITERAL Free text; one to five lines.	C	1
4440	Free text value Free form text.	M	an..512

This element will be populated when Text Subject Code Qualifier (4451) = HAZ, AEP 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) or Free Text Value Code (C107, 4441) equals any other code.

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

Free form text.

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

or

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) is equal to any other code or when Free Text Value Code (C107, 4441) is populated.

Group: **Segment Group 16: Contact Information**
Position: 0670
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify a contact to whom communication regarding the dangerous goods can be directed.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0680	IFTMBC028	Contact Information	M	1	
M	0690	IFTMBC029	Communication Contact	M	1	

Segment: **IFTMBC029**
Edifact: **COM** Communication Contact
Position: 0690
Group: Segment Group 16 (Contact Information) Conditional (Optional)
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a communication number of a person or department.

Dependency Notes:

Semantic Notes:

Comments:

Segment structure: IFTMBC029^ Communication number^Communication number code qualifier
Notes: IFTMBC029^254 345 9988^TE

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C076		COMMUNICATION CONTACT	M 1
		Communication number of a department or employee in a specified channel.	
	3148	Communication number	M an..512
		The communication number.	
		Emergency contact phone number.	
		It is recommended that carriers not send an 800 number.	
	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.	

Segment Group 17: Measurements

Group: Segment Group 17: Measurements
Position: 0700
Group: Segment Group 15 (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.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0710	IFTMBC030	Measurements	M	1	

Segment: **IFTMBC030**
 Edifact: **MEA Measurements**
 Position: 0710 (Trigger Segment)
 Group: Segment Group 17 (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:

Segment structure: IFTMBC030^MEASUREMENT ATTRIBUTE CODE^Measured attribute code^Measurement unit code^Measurement value

Notes: IFTMBC030^AAE^AAF^KGM^2300.135
 or
 IFTMBC030^AAE^AAX^MTQ^30.0654
 or
 IFTMBC030^AAE^AAX^LTR^148.457
 or
 IFTMBC030^AAE^AEO^MBQ^7.55
 or
 IFTMBC030^AAE^ZZZ^PIW^26.3

If GID/DGS details are provided it is recommended that net net weight be used to send explosive weight for Class 1 Dangerous Goods.

Only one measurement each of Volume, Weight, Radioactivity and Acid Concentration may be sent 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"

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

Data Element	Component Element	Name	Attributes
6311		MEASUREMENT ATTRIBUTE CODE Code specifying the measurement attribute. Supplied Values: AAE Measurement [6314] Value of the measured unit.	M 1 an..3
C502		MEASUREMENT DETAILS Identification of measurement type.	M 1
	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

C174

VALUE/RANGE **M** **1**

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

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

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

Value of the measured unit.

Segment Group 18: Equipment Details

Group: Segment Group 18: Equipment Details
Position: 0730
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	0740	IFTMBC031	Equipment Details	M	1	
M	0750	IFTMBC032	Number of Units	M	1	
	0760	IFTMBC033	Transport Movement Details	C	1	
	0770	IFTMBC034	Measurements	C	7	
	0780	IFTMBC035	Dimensions	C	1	
	0790	IFTMBC036	Handling Instructions	C	1	
	0800	IFTMBC037	Temperature	C	1	
	0820	IFTMBC038	Free Text	C	21	
	0830	IFTMBC039	Reference	C	9	
	0840		Segment Group 19: Name and Address	C		9

Segment: **IFTMBC031**

Edifact: **EQD Equipment Details**

Position: 0740 (Trigger Segment)

Group: Segment Group 18 (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:

Segment structure:

IFTMBC031^EQUIPMENT TYPE CODE QUALIFIER^Equipment identification number^Code list identification code^Code list responsible agency code^Equipment size and type description code^Code list identification code^Code list responsible agency code^Equipment size and type description^EQUIPMENT SUPPLIER, CODED^FULL/EMPTY INDICATOR, CODED

Notes:

IFTMBC031^CN^^^^42R1^102^5^2

or

IFTMBC031^CN^XXXX1234567^146^ZZZ^42R1^102^5^CONTAINER DESCRIPTION^2^5

It is recommended that carriers provide type and count of equipment confirmed.

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
8053		EQUIPMENT TYPE CODE QUALIFIER 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.	M 1 an..3
C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	C 1
	8260	Equipment identification number Marks (letters and/or numbers) which identify equipment e.g. unit load device. If provided will be unique per transaction.	M an..17
	1131	Code list identification code 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	M an..3
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	M an..3

Supplied Values:

ZZZ Mutually defined

C224	EQUIPMENT SIZE AND TYPE	M	1	
	Code and or name identifying size and type of equipment. Code preferred.			
8155	Equipment size and type description code	M	an..10	
	Code specifying the size and type of equipment. ISO Container Type Code.			
	Set temperature (segment TMP) or non-active flag (segment HAN) will 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).			
	For any container not designated as reefer or hybrid, Set temperature (segment TMP) or non-active flag (segment HAN) will NOT be sent.			
1131	Code list identification code	M	an..3	
	Identification of a code list.			
	Supplied Values:			
	102	Size and type		
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 Equipment 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.		
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		

Segment: **IFTMBC032**
Edifact: **EQN Number of Units**
Position: 0750
Group: Segment Group 18 (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:

Segment structure: IFTMBC032^ Number of units^Unit type code qualifier

Notes: IFTMBC032^3^2

If container number is sent in the EQD segment (element C237,8260) then this element will be 1.

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

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C523		NUMBER OF UNIT DETAILS Identification of number of units and its purpose.	M 1
	6350	Number of units Number of units of a certain type. Number of containers confirmed.	M n..15
	6353	Unit type code qualifier Code qualifying the type of unit. Supplied Values: 2 Transportable unit Container(s)	M an..3

Segment: **IFTMBC033**
Edifact: **TMD Transport Movement Details**
Position: 0760
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify transport movement details for the equipment.
Dependency Notes:
Semantic Notes:
Comments:
Segment structure: IFTMBC033^Movement type description code^HAULAGE ARRANGEMENTS, CODED
Notes: IFTMBC033^3^CC

It is recommended that carriers provide Haulage Arrangement (8341).

The value for element 8341 (Haulage Arrangement) if sent will be the same for all EQD segments in the transaction.

It is recommended that if carrier provides Movement Type (C219, 8335) that it be the same for all EQD segments in the transaction.

If the 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 not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C219		MOVEMENT TYPE Description of type of service for movement of cargo.	C 1
	8335	Movement type description code 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.	C an..3
8341		HAULAGE ARRANGEMENTS, CODED Specification of the type of equipment haulage arrangements. Supplied Values: CC Carrier haulage at export, Carrier haulage at import MC Merchant haulage at export, Carrier haulage at import MM Merchant haulage at export, Merchant haulage at import	M 1 an..3

Segment: **IFTMBC034**
Edifact: **MEA Measurements**
Position: 0770
Group: Segment Group 18 (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:

Segment structure: IFTMBC034^MEASUREMENT ATTRIBUTE CODE^Measured attribute code^Measurement unit code^Measurement value

Notes: IFTMBC034^AAE^AAL^KGM^9080.089
or
IFTMBC034^AAE^AAX^MTQ^81.2519
or
IFTMBC034^AAE^AAS^CBM^15.35
or
IFTMBC034^AAE^AAO^HMD^34.5
or
IFTMBC034^AAE^ZO^PCT^44.21

If number of containers (EQN,C523, 6350) is greater than 1, the information in this segment is the total weight, volume for all containers in the group. Humidity or air exchange settings apply to each container in the group.

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

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

It is recommended that carriers provide Humidity measurement when Humidity flag is sent (EQD/FTX 4451 = AEB and EQD/FTX C107, 4441 = HUM).

It is recommended that carriers 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. Airflow, 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"

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
6311		MEASUREMENT ATTRIBUTE CODE Code specifying the measurement attribute. Supplied Values: AAE Measurement [6314] Value of the measured unit.	M 1 an..3
C502		MEASUREMENT DETAILS Identification of measurement type.	M 1
	6313	Measured attribute code 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 Total humidity in a container AAS Air flow Total air flow in a 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	M an..3
C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	M 1
	6411	Measurement unit code 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	M an..3

CFT = Cubic Feet per Hour.

Humidity:

HMD = Percent of Moisture in the air.

Atmosphere (ZO oxygen, ZN nitrogen, ZC carbon dioxide):

PCT = Percent

6314	Measurement value	M	an..18
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Value of the measured unit.

Segment: **IFTMBC035**

Edifact: **DIM Dimensions**

Position: 0780

Group: Segment Group 18 (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:

Segment structure: IFTMBC035^DIMENSION QUALIFIER^Measurement unit code^Length dimension^Width dimension^Height dimension

Notes: IFTMBC035^9^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.

It is recommended that carriers send this segment only if cargo is OOG.

It is recommended that carriers send header level GDS OOG flag if this segment is sent.

All numeric values will conform to below rules:

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

1. Maximum 3 digits of precision allowed:

examples valid - "1000.123" invalid - "1,000.123", "1.000,123"

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
6145		DIMENSION QUALIFIER	M 1 an..3
		To specify the dimensions applicable to each of the transportable units.	
		9 Off-standard dimension general	
		The dimensions that the cargo exceeds the standard dimensions.	
C211		DIMENSIONS	M 1
		Specification of the dimensions of a transportable unit.	
	6411	Measurement unit code	M an..3
		Code specifying the unit of measurement.	
		This element will contain at least one of the following sub-elements (C211, 6168), (C211, 6140), or (C211, 6008).	
		Supplied Values:	
		FET Feet	
		MTR Meter	

6168	Length dimension Length of pieces or packages stated for transport purposes.	C	n..15
6140	Width dimension Width of pieces or packages stated for transport purposes.	C	n..15
6008	Height dimension Height of pieces or packages stated for transport purposes.	C	n..15

Segment: **IFTMBC036**
Edifact: **HAN Handling Instructions**
Position: 0790
Group: Segment Group 18 (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:
Segment structure: IFTMBC036^Handling instructions, coded
Notes: IFTMBC036^NAR

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)).

It is recommended that carriers not mix active and non-operative settings for reefer or hybrid equipment on a single booking.

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

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C524		HANDLING INSTRUCTIONS	M 1
		Instruction for the handling of goods, products or articles in shipment, storage etc.	
	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 container or hybrid is to be moved without the refrigeration unit being activated.

Segment: **IFTMBC037**
Edifact: **TMP Temperature**
Position: 0800
Group: Segment Group 18 (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:
Segment structure: IFTMBC037^TEMPERATURE QUALIFIER^Temperature setting^Measurement unit code
Notes: IFTMBC037^2^-15^CEL

Only one set temperature value will be sent per booking.

It is recommended that carriers not mix active and non-active settings for reefer or hybrid (e.g. tanks) containers on a single booking.

This segment will be provided when reefer containers specifically identified by equipment type code (EQD, C224, 8155) are provided and the temperature regulation unit is to be active.

This segment may be provided when hybrid (e.g. tanks) containers specifically identified by equipment type code (EQD C224, 8155) are provided and the temperature regulation unit is to be active.

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

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

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

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

Segment: **IFTMBC038**
Edifact: **FTX** Free Text
Position: 0820
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 21
Purpose: A segment to specify processable supplementary information associated with the equipment.

Dependency Notes:

Semantic Notes:

Comments:

Segment structure: IFTMBC038^TEXT SUBJECT CODE QUALIFIER^Free text value code^Code list identification code^Code list responsible agency code^Free text value^Free text value

Notes: IFTMBC038^AGK^^^EQUIPMENT COMMENTS

or
 IFTMBC038^SSR^FMG^130^ZZZ

or
 IFTMBC038^SSR^CLN^130^ZZZ

or
 IFTMBC038^HAN^SBD^130^ZZZ

or
 IFTMBC038^AEB^^^REEFER COMMENTS

or
 IFTMBC038^CUS^UCN^110^ZZZ^857_2938476

or
 IFTMBC038^AEB^NTP^130^ZZZ^6

It is recommended that whenever equipment is substituted by the carrier, Carriers should send back all the equipment on the booking, with the equipment substitution indicator set for only the substituted equipment. Equipment Substituted indicator is FTX+AGK++SUB:130:ZZZ.

Text subject AEB (temperature control comments) will only be sent when a reefer or hybrid (e.g. tanks) container type is requested (0740 EQD C224, 8155) and a set temperature has been supplied (0800 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 the 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 not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

Data Component

<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
4451		TEXT SUBJECT CODE QUALIFIER 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. 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.	M 1 an..3
C107		TEXT REFERENCE 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. tanks) container type is requested (0740 EQD C224, 8155) and a set temperature has been supplied (0800 TMP C239, 6246) in the container group (EQD loop). It is recommended to Carriers when ECA (equipment controlled atmosphere flag is provided) is sent that carriers provide carbon dioxide, nitrogen, and oxygen gas measurements (0770 MEA C502, 6313 = ZC, ZN and ZO). It is recommended that carriers only send ICP (number of USD probes) when ICT (in transit cold sterilization flag) is also provided. It is recommended to Carriers when HUM (humidity flag) is provided that carriers send humidity measurement (0770 MEA C502, 6313 = AAO). It is recommended to Carriers when VTO (vent open flag) is provided that carriers send air flow measurement (0770 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.	C 1
	4441	Free text value code Code specifying free form text. This element will be populated when Text Subject Code Qualifier (4451) = CUS, HAN or SSR. This element may be populated when Text Subject Code Qualifier (4451) = AEB or AGK.	M an..17

This element will NOT be populated when Text Subject Code Qualifier (4451) equals any other code.

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 May 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 Freeze Service May only be sent when Text Subject Code Qualifier (4451) = AEB. GEN Genset Required May 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 Humidity May only be sent when Text Subject Code Qualifier (4451) = AEB.
ICP	Number of USD Probes for ICT Service May only be sent when Text Subject Code Qualifier (4451) = AEB.
ICT	In Transit Cold Sterilization May only be sent when Text Subject Code Qualifier (4451) = AEB.
NTP	Number of temperature probes requested May 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.

	SUB	Equipment Substituted May only be sent when Text Subject Code Qualifier (4451) = AGK.		
	SWP	Equipment must be swept Will only be sent when Text Subject Code Qualifier (4451) = SSR.		
	TVA	Temperature Variance May only be sent when Text Subject Code Qualifier (4451) = AEB.		
	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 when Text Subject Code Qualifier (4451) = CUS.		
	VTC	Vent Closed May only be sent when Text Subject Code Qualifier (4451) = AEB.		
	VTO	Vent Open May only be sent when Text Subject Code Qualifier (4451) = AEB.		
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 be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN.		
	130	Special handling Code to indicate that the nature of the consignment may necessitate use of special handling procedures (IATA). Will 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 or Text Subject Code Qualifier (4451) = AGK and Free Text Value Code (C107, 4441) = SUB.		
3055	Code list responsible agency code		M	an..3
		Code specifying the agency responsible for a code list.		
		Supplied Values:		
	<i>ZZZ</i>	Mutually defined		

C108	TEXT LITERAL	C	1
	Free text; one to five lines.		
4440	Free text value	M	an..512
	Free form text.		
	This element will be populated when Text Subject Code Qualifier (4451) = AEB or AGK and Free Text Value Code (C107, 4441) is not populated.		
	This element will be populated when Text Subject Code Qualifier (4451) = AEB and Free Text Value Code (C107, 4441) = ICP, NTP or TVA.		
	This element will be populated when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN.		
	This element will NOT be populated when Text Subject Code Qualifier (4451) or Free Text Value Code (C107, 4441) equals any other code.		
4440	Free text value	C	an..512
	Free form text.		
	This element may be populated when Text Subject Code Qualifier (4451) = AEB or AGK and Free Text Value Code (C107, 4441) is not populated.		
	This element will NOT be populated when Text Subject Code Qualifier (4451) is equal to any other code or when Free Text Value Code (C107, 4441) is populated.		

Segment: **IFTMBC039**
Edifact: **RFF Reference**
Position: 0830
Group: Segment Group 18 (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:

Segment structure:

Notes:

IFTMBC039^Reference function code qualifier^Reference identifier
 IFTMBC039^RE^CONTAINER RELEASE NUMBER
 or
 IFTMBC039^ON^PURCHASE ORDER NUMBER
 or
 IFTMBC039^AEF^CUSTOMER LOAD REFERENCE
 or
 IFTMBC039^AGP^LOGICAL CONTAINER NUMBER

It is recommended that carriers provide Logical Container numbers if provided by customer in the booking request.

Multiple values for Purchase Order (ON), Customer Load Reference (AEF) and Vehicle Identification Number (AKG) may be sent.

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

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

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C506		REFERENCE	M 1
		Identification of a reference.	
	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	
		AGP Company issued equipment ID	
		Owner/operator, non-government issued equipment reference number.	
		Logical container number.	
		Used to replay logical container number from request	
		If provided will be unique per transaction.	
		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.

RE

Release number

Reference number assigned to identify a release of a set of rules, conventions, conditions, etc.

Container release number

1154

Reference identifier

M

an..35

Number of the line in the document/message referenced in 1154 Reference identifier.

Group: **Segment Group 19: Name and Address**
Position: 0840
Group: Segment Group 18 (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.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0850	IFTMBC040	Name and Address	M	1	
	0860	IFTMBC041	Date/Time/Period	C	2	

Segment: **IFTMBC040**

Edifact: **NAD Name and Address**

Position: 0850 (Trigger Segment)

Group: Segment Group 19 (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:

Segment structure: IFTMBC040^PARTY FUNCTION CODE QUALIFIER^Party identifier^Code list identification code^Code list responsible agency code^Name and address line^Name and address line^Name and address line^Name and address line^Street and number/p.o. box^Street and number/p.o. box^POSTAL IDENTIFICATION CODE^COUNTRY NAME CODE

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.

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

It is recommended that carriers send Postal Id (3251) and Country code (3207) when party is not coded.

Only one of each type of party (3035) may be sent per equipment loop, with the exception of CL (Intermediate export stop offs which may be sent multiple times).

Name and address (C058, 3124) and Street and number (C058, 3042) may also be used to convey contact name and phone number.

It is recommended that carriers send Ship from (SF) only when Carrier Haulage at Export is being provided (TMD 8341 = CC or CM) .

It is recommended that carriers send Ship to (ST) only when Carrier Haulage at Import is being provided (TMD 8341 = CC or MC) .

It is recommended that carriers send Intermediate export stop offs (CL) only when Carrier Haulage at Export is being provided (TMD 8341 = CC or CM).

It is recommended that carriers send Empty Container Pick Up Location (CK) and/or Full Container Drop Off Location (TR) only when Merchant Haulage at Export is being provided (TMD 8341 = MM or MC) .

It is recommended that carriers 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

IFTMBC040^SF^^^SF NAME^SF SREET ADDRESS^SF CITY STATE

or

IFTMBC040^SF^RWHS34^160^86

or

IFTMBC040^SF^DUNS^160^16^SF NAME

Ship to (ST) Examples

IFTMBC040^ST^KEJ0989^160^ZZZ^ST NAME:ST^SREET ADDRESS^ST CITY STATE
or

IFTMBC040^ST^RWH790^160^ZZZ

Ship from (SF) and Intermediate (CL) Examples

IFTMBC040^SF^SF NAME^SF SREET ADDRESS:SF CITY STATE

and

IFTMBC040^CL^FIRST STOP^FIRST STOP^ADDRESS

and

IFTMBC040^CL^SECOND STOP^SECOND STOP ADDRESS

Empty container pick up location (CK) and Full container drop off location (TR)
Examples

IFTMBC040^CK+CARRIER_CD^160^86

or

IFTMBC040^CK^87980^160^192^EMPTY PICK UP LOC^TERMINAL ADDRESS

or

IFTMBC040^CK^EMPTY PICK UP LOC^PICK UP ST ADDRESS^ELZ, NJ^^^^^^US

IFTMBC040^TR^782736^160^ZZZ^CONTAINER TERMINAL^CONTACT HANS 87 48
4756

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3035		PARTY FUNCTION CODE QUALIFIER	M 1 an..3
		Code giving specific meaning to a party.	
		Supplied Values:	
	CK	Empty equipment dispatch party Party from whose premises empty equipment will be or has been dispatched. Empty container pick up location.	
	CL	Container location party Party from whose premises container will be or has been dispatched. Intermediate Export Stop Off Location.	
	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	
	TR	Terminal operator A party which handles the loading and unloading of	

		marine vessels.		
		Full container drop off location		
C082	PARTY IDENTIFICATION DETAILS		C	1
		Identification of a transaction party by code.		
	3039 Party identifier		M	an..35
		Code specifying the identity of a party.		
	1131 Code list identification code		M	an..3
		Identification of a code list.		
		Supplied Values:		
		160 Party identification		
		Identification of parties, corporates, etc.		
	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.		
		Duns number		
		86 Assigned by party originating the message		
		Codes assigned by the party originating the message.		
		Customer Assigned Code		
		192 Shipper's association		
		Code assigned by a shipper's association.		
		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.		
	3124 Name and address line		M	an..35
		Free form name.		
	3124 Name and address line		C	an..35
		Free form address 1.		
	3124 Name and address line		C	an..35
		Free form address 2.		
	3124 Name and address line		C	an..35
		Free form address 3.		
	3124 Name and address line		C	an..35
		Free form address 4.		
C059	STREET		C	1
		Additional address.		
	3042 Street and number/p.o. box		M	an..35
		Free form address 5.		
	3042 Street and number/p.o. box		C	an..35
		Free form address 6.		
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.

Segment: **IFTMBC041**
Edifact: **DTM Date/Time/Period**
Position: 0860
Group: Segment Group 19 (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:

Segment structure: IFTMBC041^ Date/time/period function code qualifier^Date/time/period value^Date/time/period format code

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.

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 NAD segment.

IFTMBC041^181^200703211200^203
IFTMBC041^200^200703020900^203

The above date qualifiers will only be sent when the preceding NAD segment is Ship from (0850 NAD 3035 = SF).

IFTMBC041^17^20070118^102

The above date qualifier will only be sent when the preceding NAD segment is Ship to (0850 NAD 3035 = ST).

IFTMBC041^395^200701120900^203
IFTMBC041^200^200701121400^203

The above date qualifiers will only be sent when the preceding NAD segment is Intermediate Export Stop Off Location (0850 NAD 3035 = CL).

IFTMBC041^392^20070108^102

The above date qualifier will only be sent when the preceding NAD segment is Empty container pick-up location (0850 NAD 3035 = CK).

IFTMBC041^64^20070108^102
IFTMBC041^180^200701091000^203

The above date qualifiers will only be sent when the preceding NAD segment is Full Container Drop Off location (0850 NAD 3035 = TR).

Only one date/time function type (C507, 2005) will be sent per NAD segment with the exception of Intermediate Export Stop Off Location (NAD party code qualifier CL), Full Container Drop Off Location (NAD party code qualifier TR) and Ship From Location (NAD party code qualifier SF) which may have two.

This segment will not be sent for Subcontractor (NAD party code qualifier EV).

This segment will not be processed if received in Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) transactions from the carrier.

Data Element Summary

Data Element	Component	Element Name	Attributes
C507		DATE/TIME/PERIOD	M 1
		Date and/or time, or period relevant to the specified date/time/period type.	
	2005	Date/time/period function code qualifier	M an..3
		Code giving specific meaning to a date, time or period.	
		Supplied Values:	
		17 Delivery date/time, estimated Date and/or time when the shipper of the goods expects delivery will take place. Applicable only for NAD ST (Ship to)	
		64 Delivery date/time, earliest Date identifying a point in time before which the goods shall not be delivered. Earliest drop off date/time of full container to the carrier.	
		180 Closing date/time Final date for delivering cargo to a liner ship. Latest date/time full container may be delivered to the carrier.	
		181 Positioning date/time of equipment Date/time when equipment is positioned. Date/time empty container will be positioned at customer's location.	
		200 Pick-up/collection date/time of cargo Date/time at which the cargo is picked up. Date/time container will be picked-up at the intermediate export stop off location or ship from location.	
		392 Equipment collection or pick-up date/time, earliest Date/time on which equipment can be picked up at the earliest. Earliest date/time empty container may be picked up.	
		395 Equipment positioning date/time, estimated Date/time on which equipment is estimated to be positioned (delivered). Date/time container will be positioned at the intermediate export stop off location.	
	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.	
	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.

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: **IFTMBC042**
Edifact: **UNT** Message Trailer
Position: 0930
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:

Segment structure: IFTMBC042^NUMBER OF SEGMENTS IN A MESSAGE^MESSAGE REFERENCE NUMBER

Notes: IFTMBC042^46^0001

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0074		NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M 1 n..6
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M 1 an..14

Segment: **UNZ001**
Edifact: **UNZ Interchange Trailer**
Position: 0940
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange
Dependency Notes:
Semantic Notes:
Comments:
Segment structure: UNZ001^INTERCHANGE CONTROL COUNT^INTERCHANGE CONTROL REFERENCE
Notes: UNZ001^1^207

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0036		INTERCHANGE CONTROL COUNT	M 1 n..6
		Count either of the number of messages or, if used, of the number of functional groups in an interchange.	
0020		INTERCHANGE CONTROL REFERENCE	M 1 an..14
		Unique reference assigned by the sender to an interchange.	