



**IFTMBF Firm Booking Message  
From Customer  
To INTTRA  
EDIFACT Version D Release 99B**

**User Guide  
Version 2.2**

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## I. Audience

This document is intended for business, technical and EDI personnel engaged in establishing an electronic connection with INTTRA for the purpose of sending Customer booking request messages to INTTRA Carriers via INTTRA's version of EDIFACT IFTMBF (D99B).

The following sections provide detail information regarding General Conventions, message flow, message specifications, and message samples, to facilitate effective and efficient use of INTTRA's business transaction sets.

## II. Business Context

Customers with an electronic connection to INTTRA implement the booking life cycle using the pair of messages, IFTMBF Customer booking request and the IFTMBC Carrier booking response. This Implementation Guide describes the IFTMBF transaction set supported by INTTRA.

Customers may use the IFTMBF transaction set to send new booking requests, make amendments to existing bookings, and to cancel bookings. The IFTMBF message supports only INTTRA bookings, *viz.* bookings made by the customer using one of INTTRA's product channels.

## III. Booking Transaction Management

### A. Booking State Transitions

As a result of customer and carrier activity, bookings change state during the course of the booking cycle.

The following state matrices shows all possible transitions that can be attempted between states and categorizes them as Allowed, Not Allowed, or Ignored by INTTRA.

Allowed state transitions are those transitions that are actively supported at INTTRA, and will lead to a new revision of the Booking, so long as the transaction passes all other strict validations on data.

Transactions that attempt Not Allowed state transitions will be failed at INTTRA. Also, INTTRA will generate failure notifications for attempted 'Not Allowed' state transitions. Customers may subscribe to receive notifications of these and any other failures occurring during inbound message processing.

Transactions that attempt state transitions that are ignored by INTTRA will not be processed or stored; however attempting ignored transitions will not cause transactions to fail (no error message will be generated). These ignored transactions would have no relevant impact to the state of a booking in the INTTRA portal.

The Booking state matrix illustrated below applies to INTTRA Bookings that are made by Shippers/Forwarder or Carriers using the INTTRA Portal. Actions by Shippers/Forwarders result in a state of Requested, Amended or Cancelled. Actions by Carriers result in a state of Pending, Confirmed, Replaced or Declined. When a new state is "proposed" (across the top) to an existing state (down the left column), the effect of such proposed state change is reflected in the cells (Allowed, Not Allowed or Ignored).

**Booking State Matrix:**

		PROPOSED STATE						
		SHIPPER/FORWARDER			CARRIER			
		REQUEST	AMEND	CANCEL	PENDING	CONFIRM	DECLINE	REPLACE
EXISTING STATE	None	✓	✗	✗	Ignored	✓	Ignored	Ignored
	Requested	✗	✗	✓	✓	✓	✓	✓
	Amended	✗	✗	✓	✓	✓	✓	✓
	Cancelled	✗	✗	Ignored	✗	✗	Ignored	✗
	Pending	✗	✓	✓	✓	✓	✓	✓
	Confirmed	✗	✓	✓	✗	✓	✓	✓
	Declined	✗	✗	Ignored	✗	✗	Ignored	✗
	Replaced	✗	✗	Ignored	✗	✗	✗	✗

Legends used in the table above:

State Transition:

Allowed State Transition: ✓

Not Allowed State Transition: ✗

Ignored State Transition: Ignored

Existing States:

Booking states initiated by Shipper/Forwarder: Requested, Amended, & Cancelled.

Booking states initiated by Carrier: Pending, Confirmed, Declined, & Replaced<sup>1</sup>.

**B. Changing Carriers within a group**

INTTRA allows carriers to re-route Customer new booking requests to another carrier within the same carrier group. The second carrier then becomes the carrier of record for the booking. A booking may be reassigned only in the first carrier response to an INTTRA booking; all subsequent carrier transactions on the booking must reference the new carrier. This facility must be pre-configured at INTTRA for participating carriers within a carrier group.

Customer transactions inbound to INTTRA may contain either the original carrier or the new carrier of record, as explained in the following sections. However, if original Carrier is sent in Amendment or Cancellation, INTTRA will convert the original carrier to the new carrier before storing the Booking, and sending the outbound Booking to the new Carrier.

**C. Customer Transaction Matching, Key Identifiers**

Customer Booking Requests are identified uniquely by the INTTRA Reference Number within the INTTRA Portal. This number is generated by INTTRA when a new Booking request is received.

INTTRA Link and Desktop bookings (un-split) are also identified by a unique combination of Customer Shipment Id and Booker Party, both of which are provided by the Customer, and are mandatory for bookings made on these channels. Hence, Customer Shipment ID for a new booking must be unique among all Active and Replaced bookings. For split bookings, this pair of keys may be shared by a customer initiated booking and its associated carrier initiated splits; viz., at any time, the only active bookings that may share common values for this pair of keys are bookings related to each other as carrier initiated splits. See Appendix 6 (Booking Split Conventions) of this Implementation Guide for a detailed treatment of Split handling.

**New Booking Requests:** On a new booking request, the combination of Customer Shipment Id and Booker Company must be unique across all Bookings in active or Replaced status. Transactions that do not meet this criterion will fail. Note that Shipment Ids on inactive bookings (previous versions, or current versions of bookings in cancelled or declined state) may be reused by the Customer, on another active booking. Shipment Ids associated with Bookings that have been Replaced by carrier split activity cannot be reused.

<sup>1</sup> Replace/Replaced states are associated with Booking Split processing.

Carrier Party is mandatory on Customer new booking requests. The Carrier specified on the Booking Request must be set up to receive Bookings from the Customer using the selected channel (INTTRA Link, for EDI Customers).

Under the Shipper Managed Booking Number (SMBN) and Rapid Reservation (RR) programs, Bookings may have Carrier Booking Numbers prior to carrier confirmation, a function normally limited to carriers during the confirmation process. Under SMBN and RR, ownership of a Carrier primary key is shared.

SMBN is authorized for specific carrier/shipper combinations. RR is authorized by carrier. Under SMBN, eligible shippers are issued a list of pre-authorized Carrier Booking Numbers that the shipper uses and maintains external to INTTRA. Under RR, INTTRA assigns Carrier Booking Numbers from a sequence authorized by a participating carrier (and optionally for specific regions and/or customer groups) and managed within INTTRA Works. If an SMBN has been provided by the Customer, INTTRA's RR feature will not be invoked, even if applicable.

SMBN numbers and RR numbers cannot be reused, even if they are present on terminated (cancelled or declined) or replaced bookings. Only the Carrier has the option to reuse Booking Numbers. When assigned to new bookings, SMBN numbers and RR numbers have to be unique across all bookings, whether active, terminated or replaced. Any Customer new Request transaction that violates this rule will be failed.

**Amendments and Cancellations:** For Link and Desktop bookings, subsequent Amendments and Cancellation transactions will be resolved at the level of detail provided by the Customer. Please refer to Booking Split Conventions Appendix for details on how INTTRA matches Customer transactions to target bookings in the INTTRA Portal. Here, we only describe the specific manipulation of transaction keys that are permitted on Amendments and Cancellations.

INTTRA Reference number, once assigned by INTTRA, can never be changed on a subsequent Carrier or Customer update of a booking. Booker party is mandatory for Amendments and Cancellations, and must match the booker on the target booking. Carrier party is mandatory for Amendments and Cancellations, and must match the Carrier on the target booking or the Carrier to whom the original Booking Request was submitted. Carrier Booking Number, if provided on incoming Amendments or Cancellations, must match the one on the target booking. If provided with the INTTRA Reference, Customer Shipment Id may be updated on a target booking, with the new value subject to the uniqueness rules described earlier for new booking requests.

## IV. General Conventions

### A. Message Content

The INTTRA IFTMBF message set is designed so that Customers can provide exactly the information required for a particular business transaction. This allows implementation of various use cases, each with differing data requirements, without the constraints of generic validations. Specifically, INTTRA imposes few mandatory requirements. However, any data provided by the Customer to INTTRA and subsequently stored and sent by INTTRA to the Carrier, will be validated according to the rules contained in this specification.

In addition to strict validations, INTTRA has put in place specific recommendations for Customer booking transactions. ***For maximum efficiency, Customer booking transactions should conform to the INTTRA recommendations for usage as described in the body of this Implementation Guide.*** By tracking conformance with recommendations, INTTRA supports Customer data quality improvement initiatives and can report on transactional data quality measured according to the recommendations in this guide.

Note that INTTRA does not enforce ***recommended*** usage. Any data that conforms with stated ***requirements*** and specific validations contained in this Implementation Guide will be accepted from the Customer. However, by putting in place explicit recommendations for use, INTTRA offers customers and carriers a specific guideline for streamlining their connections.

### B. Data Management

For IFTMBF transactions, INTTRA will only relay data provided by the customer, with the few exceptions noted below. INTTRA will not merge data from prior booking versions, while storing or sending outbound data to the Carrier.

Booking number and INTTRA Reference number will be provided from INTTRA's database, if they are not supplied by the Customer on an inbound booking transaction. Carrier aliases will be provided for coded locations and INTTRA registered parties, if present, as described in Section 6 (Standard Code Lists, Master Data Catalogues) of this document. For some standard codes, under Carrier preference control, literals may be supplied from INTTRA's database, if not provided by the Customer, as described in Section 6 of this document.

INTTRA will maintain a history of all the transactions in a booking's life cycle. Customer may provide a summary of changes which will be stored and sent to the Carrier. Customer provided changes are only applicable to Amendment transactions.

In addition, INTTRA detects and reports differences between subsequent versions based on sections of data present on transactions being compared. INTTRA will not attempt to interpret the absence of sections of data as data deletion. Instead, INTTRA will report absent sections of data as 'not provided'. So, INTTRA generated change summary may accompany an Amendment transaction, if INTTRA detects changes in Amendment when compared to the previous version of the Booking.

### **C. Data Access**

Data access applies both to on-line access (Booking User Interface, result sets for Booking and Container Status Events Search, Reports) and access through subscribed notifications (Bookings and Container Status Events).

For INTTRA Bookings, only INTTRA registered parties provided by the Customer are eligible to access a booking through the INTTRA portal and receive related subscription notifications from INTTRA. Carriers may add parties to booking transactions or update parties already associated with INTTRA booking transactions but these activities will not affect access to the transaction with the following exceptions.

Subject to Customer authorization, a Carrier-supplied INTTRA registered Consignee or Main Notify Party will be considered for access privileges in the absence of a Consignee or Main Notify Party provided by the Customer.

For carrier initiated splits of INTTRA bookings, the split inherits the access parties and Customer provided transactional email notification recipients from the parent booking. Under Customer authorization, Carrier supplied INTTRA registered Consignee or Main Notify party will be considered for access privileges in the absence of a Consignee or Main Notify Party provided by the Customer. Other parties provided by the Carrier will not have access to the Booking.

Because the carrier acts as a proxy for the customer in the case of Stand Alone bookings, INTTRA registered parties provided by the carrier on a stand alone booking will be eligible to access the booking through the INTTRA portal and receive related subscription notifications from INTTRA.

In addition to Portal access and subscribed notifications, INTTRA's transactional notification feature allows recipients to receive transactional booking data by email. The access rules for transactional notifications are as follows:

- Transactional notification email addresses provided by the Customer for a Booking will receive notifications of Carrier Confirm, Pending, Replace and Decline transactions and Customer Request, Amendments and Cancellation of the booking.
- INTTRA also provides a transactional notification feature that allows carriers to send email notification of a particular IFTMBC transaction to any valid email address included by the carrier in the transaction. The scope of the email is purely transactional – subsequent changes to the Booking will not be automatically sent to these addresses. Carriers must specify the email address on every carrier transaction that they want notified. This feature is not available with Decline and Replace transactions.

Advisory Charge Information provided on a Customer booking request as well as charge information confirmed by the Carrier using the IFTMBC transaction will be available only to the Booker and the Carrier of record on the transaction. No other party will have access to charge information, even if they have access to other data on the booking. Transactional Email notifications will not include information on charges.

## V. General Data Format Conventions

### A. Character Set Support

The character set supported by INTTRA is the UNOC UN/ECE level C, as defined in ISO-8859-1 character set (Hex 0x01 to 0xFF). Certain control characters should be avoided to ensure timely and complete EDI processing.

The following subset of control characters may be deleted by INTTRA in the inbound message from the Customer, to allow accurate processing by INTTRA and the carriers:

- Hex 0x01 through Hex 0x1F, **excluding Hex 0x0A (line feed) and 0x0D (carriage return)**.
- Hex 0x7F
- Hex 0x80 through Hex 0x9F

While presence of these characters will not cause inbound messages to fail, the message will be stripped of these characters before storing or sending to carriers.

Characters outside of the range of Hex 0x01 to 0xFF are not supported by INTTRA and should not be sent. Character entities (Ex. &#39;) should not be used. Inbound Customer transactions containing these values will be failed. General entities (Ex. &amp;) are acceptable by INTTRA.

### B. Numeric Conventions

#### 1. General numeric conventions for decimal values

- Decimal must be represented using the dot ('.') e.g., 10455.12 or 45.8735
- Group separators must not be sent. e.g., 10,455.125 is invalid

The applicable precision varies by type of numeric data and is defined for each relevant element.

#### 2. Numeric elements representing counts must be supplied as whole numbers without group separators.

#### 3. Temperature elements must conform to the following rules:

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

### C. Email Format Conventions

INTTRA checks email addresses for format validity, using the following rules:

- Minimum length is 6 characters (Example: a@b.cd)
- Only one @ sign
- At least one dot ('.') after @ with at least one character in between
- Must have at least 2 characters after the last dot
- Allowed characters:
  - ASCII characters
  - Digits
  - -, -, @, .
- Disallowed characters:
  - All others not mentioned including , ; “ ‘ / \, etc.

### D. Date Format Conventions

#### 1. INTTRA's implementation includes date fields with the following formats:

- Date alone, in the format CCYYMMDD
- Date accompanied by time, in the format CCYYMMDDHHMM

#### 2. When present, the time component is assumed to be in 24 hour format.



3. Unless explicitly stated in the IG to be considered as GMT/UTC, date/time values are considered to be local at the point of activity.
4. Unless explicitly stated otherwise, INTTRA requires all dates to be within 400 calendar days of the GMT date/time at which the transaction is validated.

## **VI. Standards Code Lists, Master Data Catalogues**

The following code lists are used by INTTRA to validate specific elements in the IFTMBF Customer booking request. These validations are strictly applied, and any coded values sent must conform to the published code lists maintained at INTTRA. Contact your INTTRA Project Manager (IPM) for the current code lists supported by INTTRA.

### **A. ISO Country Codes**

INTTRA uses 2-character ISO Country code (ISO 3166 2A) lists to validate country codes in the message set. Messages with invalid country codes will be failed.

### **B. ISO Currency Codes**

INTTRA uses 3-character ISO Currency code (ISO 4217 3A) lists to validate currency codes in the message set. Messages with invalid currency codes will be failed.

### **C. Package Types**

INTTRA requires that either a package code or description be provided, if commodity information is included in the customer request. If provided, the package code will be validated against INTTRA's master list of standard package types, based on the UN/ECE standard (UN ECE Recommendation 21, Release 4). Messages with invalid package type codes will be failed.

A package description provided by the Customer will be stored and sent to the Carrier. If a package code is supplied without any package description literals, INTTRA may send literals from its master tables, under preference control by the carrier.

A complete list of supported package types is issued as a supplement to this Implementation Guide. Although listed as a valid UN/ECE Package type, the use of 'PALLET' as a package type should be avoided.

### **D. ISO Container Codes**

INTTRA supports a specific list of ISO Container codes. Incoming container types will be validated strictly against this list of ISO Container codes. INTTRA stores Container codes as received on the inbound transaction from the Customer.

In the Booking Link 1.0 portal environment the individual ISO Container codes were associated to a grouping called the "INTTRA Equivalent To code". In the Booking Link 2.0 portal environment, the 'New' ISO Standard Size type Group Codes (ISO 6346 01/1996) will be used instead of Equivalent To codes. Container ISO codes may be converted to ISO Group codes when Booking 2.0 transactions are displayed on INTTRA Act or INTTRA Desktop and prior to their transmission under Customer or Carrier preference control.

In addition, the ISO Container code lists are used by INTTRA to identify equipment types for which controlled settings may be provided. These fall into two sub categories, *viz.* reefer equipment, and what INTTRA refers to as "hybrid equipment". INTTRA's definition of hybrid equipment is a container that is not a defined "reefer" container, but may include temperature control. Reefer containers are by definition controlled equipment, and must be accompanied with controlled settings, or indicated as non-operative. Hybrid containers may be used as standard or controlled equipment, and hence may be provided with or without controlled settings. A common example of hybrid equipment is a Tank container, which may or may not have control settings.

A complete list of ISO Group codes and ISO Container type codes supported in Booking 2.0 along with the sub-categorization of hybrid and reefer equipment is issued as a supplement to this Implementation Guide.

## **E. Coded Locations**

INTTRA provides support for coded locations in the form of standard UNLOC codes and Customer geography aliases. When INTTRA receives a coded location, it is validated against master location data, if not valid then message will fail.

INTTRA recommends that Customers use UN Location codes for all locations provided. This eliminates ambiguity and facilitates effective change detection and reporting.

In the event that it is not possible or practical to provide codes for certain locations there are 2 options to help ensure effective message handling:

1. Advise the INTTRA Project Manager of the situation and arrange cross-references for non-coded locations. INTTRA will establish a cross reference between your codes and the UNLOC codes required for Carrier processing, this is referred to in the Implementation Guide (IG) as Customer Geography Alias.
2. Provide a clear location name in lieu of a code. In this case, INTTRA recommends that Customers also provide country code and/or country name, as well as subdivision code/name if applicable. This will help partners identify the location without ambiguity.

In general, it is best to provide both a code and a clear, consistent, text description for all locations. Departure from this recommended behavior may cause processing delays.

INTTRA will not make any attempt to resolve free text literals to coded geographies, or to reconcile coded information with information supplied in the literals.

In outbound transactions, recipient alias will be supplied for coded geographies for which the recipient has established aliases. When there is no recipient alias, the UNLOC code will be sent for coded geographies.

Any location literals provided by the customer will be sent to the carrier. If a coded geography is supplied without any location literals, INTTRA may send literals from its master tables in the outbound message, under preference control by the carrier.

## **F. Coded Parties**

When parties are provided on Customer booking transactions, INTTRA recommends that they be coded by one of the 4 supported schemes.

1. INTTRA company ID; must be a valid INTTRA-assigned company ID and indicates a company registered with INTTRA.
2. Customer Alias; must resolve to a valid INTTRA-assigned company ID and indicates a company registered with INTTRA.
3. DUNS number; not validated or resolved by INTTRA.
4. Pass-through Code; not validated or resolved by INTTRA.

Messages with invalid values for codes subject to strict validation will be failed. INTTRA will not make any attempt to resolve free text literals provided by the Customer to coded parties, or to reconcile coded information with information supplied in the literals.

In outbound transactions, recipient alias will be supplied for registered parties for which the recipient has established aliases. When there is no recipient alias, the INTTRA ID will be supplied for registered parties. DUNS number and Pass-Through Code will be sent exactly as received from the Customer.

When parties are provided, INTTRA recommends that the customers provide ISO Country code, and postal code in structured fields, in addition to the full name and address, as this will further reduce ambiguity in party identification.

Any party literals provided by the Customer will be sent to the Carrier. If an INTTRA registered coded party is supplied without any party literals, INTTRA may send literals from its master tables, under preference control by the Carrier.

See the earlier section for data access implications of providing INTTRA registered parties on the Booking.

## **G. The Booker Party**

INTTRA requires an INTTRA registered party designated as the Booker, to process a Booking through the INTTRA Portal. Carriers typically do not store this party as a party to the transaction. If the Booker is also a party to the transaction, the Booking should include an additional party segment identifying the Booker in the appropriate role, e.g., as Forwarder, Shipper, Consignee, etc.

The Booker is a key party on the customer booking for a couple of reasons. It is a key transaction identifier; as described previously, Customer transactions are uniquely identified by the pair of keys, Customer Shipment Id and Booker. Secondly, INTTRA determines eligibility for various services based on the configuration set up for the Booker. In particular, INTTRA will only process bookings from parties configured to send Bookings to INTTRA, to Carriers that are set up to receive bookings for carriers who are set up to receive Bookings from the Booker through the selected channel (INTTRA Link, for EDI Bookers). Similarly, eligibility for Shipper Managed Booking Number, Rapid Reservation etc are determined primarily based on the Booker party. Contact your INTTRA project manager for a full list of service configurations and set up that must be performed for the Booker party, to process bookings successfully through INTTRA.

## **H. Additional recommended code lists**

Additionally, INTTRA recommends the use of the following standard code lists when applicable. Values in the Customer booking transaction will not be validated against these code lists; however INTTRA recommends that Customers provide valid data from the standard lists.

- Transport Operator codes (SCAC codes, Truck Operator codes)
- Lloyd's vessel codes
- DUNS Numbers
- Schedule B Numbers
- WCO 6 digit Harmonized Tariff Schedule numbers (WCO HSC 6 Digit Harmonized Commodity Description)
- UNDG Numbers for Hazardous goods
- IMO Codes for Hazardous goods
- IBC Package Codes

# **VII. Message Usage Summary**

## **A. Customer New Booking Requests**

The IFTMBF message is designed to accommodate as much information as needed for a particular business case. It is most efficient for Carriers to process a Customer's booking request in a single, complete transaction. To make optimal use of the INTTRA booking process, Customers should ensure that new booking requests are as complete as possible, and have enough data to allow the Carrier to process the booking based on the data supplied in the initial request.

To support specific business processes, INTTRA's IFTMBF message also caters for a 'cumulative' request. In this case, the customer can provide an initial new booking request with minimal required information and then provide additional operational detail as it becomes available. This may be appropriate for advanced bookings, or recurring bookings made in advance, for which more details become available later in the booking cycle.

Note that INTTRA's recommendations to Customers are geared towards increasing the efficiency with which carriers process and respond to Customer Booking requests. To that extent, conformance with INTTRA recommendations will support more efficient, reliable and predictable communication between Customer and Carrier.

## **B. Customer Amendments**

In general, amendments should be restricted to those cases when a customer needs to make a specific change to a booking. Carrier processing efficiency is maximized when the customer amendment has complete and correct information like new booking requests. Hence, INTTRA requires customers to provide the same minimum set of data for amendments as the minimum data set required for successful processing of new booking requests.

The IFTMBF message allows customers to amend bookings only if they have been previously responded to by the carrier. Customers may hence amend information on a Confirmed booking, or a booking in Pending state..

Customers may also amend bookings split by the Carrier. Please see Appendix 6 (Booking Split Conventions) of this Implementation Guide for a detailed discussion of Amendment processing related to split conditions.

## **C. Customer Booking Cancellation**

Customers may cancel bookings at any stage in the Booking life cycle, before or after the carrier has responded to the latest customer transaction requesting a new booking, or changes to an amended booking.

Customers may also cancel bookings split by the Carrier. Please see Appendix 6 (Booking Split Conventions) of this Implementation Guide for a detailed discussion of Cancellation processing related to split conditions.

In the interests of streamlining the processing of terminating transactions INTTRA only processes transaction identifiers, transaction contact, transaction assembled date time and customer comments on a Customer Cancellation. Transaction identifiers include Customer Shipment Id, Booker Party, INTTRA reference, Carrier Party, & Booking number. All other data provided in the Cancellation transaction is ignored by INTTRA. In the same vein, INTTRA ignores carrier or customer terminations to already terminated Bookings.

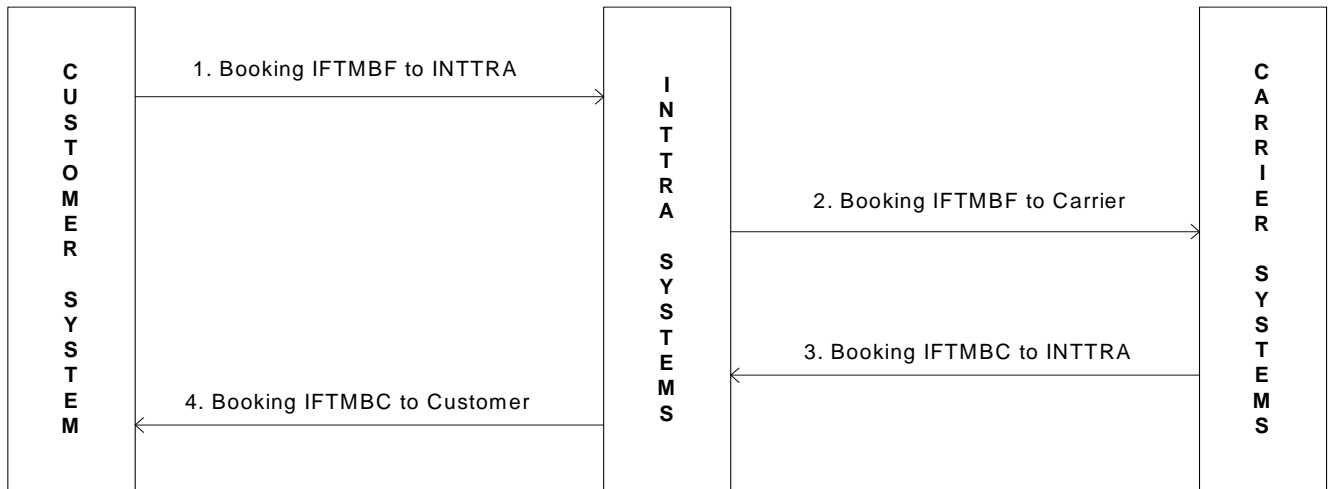
Note that customers cannot add or change transaction email notification recipients in a terminating transaction. However, any transaction email notification recipients provided previously by the Customer will be notified on Customer Cancellation.

## **D. Standalone bookings**

INTTRA defines a “standalone booking” as a booking in the INTTRA portal where the Booking Request was not initiated via the INTTRA portal through any one of the INTTRA customer channels (INTTRA Link, INTTRA Act or INTTRA Desktop). This means that the customer initiated the booking request with the carrier through a direct (or non-INTTRA channel) and the confirmation was then sent to INTTRA by the carrier. These bookings are also referred to as “non-INTTRA bookings”.

Customers will not be able to use the INTTRA portal to amend or cancel the standalone bookings.

## VIII. Message Flow



1. Customer sends to INTTRA an IFTMBF Booking (Request, Amendment, Cancellation) Transaction per INTTRA Message Specification via communication methods detailed in INTTRA Connectivity Guide.
2. INTTRA's proprietary Portal Application performs message and content validation then issues the Booking (Request, Amendment, Cancellation) to the destination carrier via INTTRA IFTMBF.
3. Carrier system issues IFTMBC Booking (Pending, Confirmation, Decline, Replace) Transaction to INTTRA.
4. INTTRA system issues IFTMBC Booking (Pending, Confirmation, Decline, Replace) Transaction to the customer.

## IX. IFTMBF Message Revision History

### A. CHANGES from version 2.1 (July 2010) to version 2.2 (January 2013)

0080 FTX: Increased Segment max use from 6 to 8

0080 FTX: Revised Segment level notes that only 3 of "AAI" qualifier may be sent.

Group 28- CTA-COM: Increased the group count by 3

1340 TMP: Revised Segment level notes to indicate the support of multiple temperatures in TMP segments if carrier is configured to accept the same and to include SGP information when sending multiple container temperature settings.

## X. IFTMBF Message Specification

### A. Message Hierarchy

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
18	0000	UNA	Service String Advice	C	1		
19	0005	UNB	Interchange Header	M	1		
Not Used	0008	UNG	Functional Group Header	C	1		
21	0010	UNH	Message Header	M	1		
23	0020	BGM	Beginning of Message	M	1		
25	0030	CTA	Contact Information	M	1		
26	0040	COM	Communication Contact	M	9		
27	0050	DTM	Date/Time/Period	M	1		
28	0060	TSR	Transport Service Requirements	C	1		
Not Used	0070	MOA	Monetary Amount	C	9		
30	0080	FTX	Free Text	C	8		
Not Used	0090	CNT	Control Total	C	9		
33	0100	GDS	Nature of Cargo	C	4		
	0110		Segment Group 1: LOC-DTM	C		9	
35	0120	LOC	Place/Location Identification	M	1		
38	0130	DTM	Date/Time/Period	C	1		
	0140		Segment Group 2: TOD-LOC	C		2	
Not Used	0150	TOD	Terms of Delivery or Transport	M	1		
Not Used	0160	LOC	Place/Location Identification	C	9		
	0170		Segment Group 3: RFF-DTM	C		99	
41	0180	RFF	Reference	M	1		
44	0190	DTM	Date/Time/Period	C	2		
	0200		Segment Group 4: GOR-FTX-SG5	C		9	
Not Used	0210	GOR	Governmental Requirements	M	1		
Not Used	0220	FTX	Free Text	C	9		
	0230		Segment Group 5: DOC-DTM	C		9	
Not Used	0240	DOC	Document/Message Details	M	1		
Not Used	0250	DTM	Date/Time/Period	C	1		
	0260		Segment Group 6: TCC-LOC-FTX-CUX-PRI-EQN-PCD-MOA-QTY	C		99	
Not Used	0270	TCC	Transport Charge/Rate Calculations	M	1		
Not Used	0280	LOC	Place/Location Identification	C	1		
Not Used	0290	FTX	Free Text	C	1		
Not Used	0300	CUX	Currencies	C	1		
Not Used	0310	PRI	Price Details	C	1		
Not Used	0320	EQN	Number of Units	C	1		
Not Used	0330	PCD	Percentage Details	C	1		
Not Used	0340	MOA	Monetary Amount	C	9		
Not Used	0350	QTY	Quantity	C	9		
	0360		Segment Group 7: TDT-DTM-TSR-SG8-SG9	C		99	
46	0370	TDT	Details of Transport	M	1		
Not Used	0380	DTM	Date/Time/Period	C	9		
Not Used	0390	TSR	Transport Service Requirements	C	9		

	0400		Segment Group 8: LOC-DTM	C	2
51	0410	LOC	Place/Location Identification	M	1
54	0420	DTM	Date/Time/Period	C	1
Not Used	0430		Segment Group 9: RFF-DTM	C	9
Not Used	0440	RFF	Reference	M	1
Not Used	0450	DTM	Date/Time/Period	C	1
	0460		Segment Group 10: NAD-LOC-SG11-SG12-SG13-SG14-SG15	M	11
57	0470	NAD	Name and Address	M	1
Not Used	0480	LOC	Place/Location Identification	C	9
	0490		Segment Group 11: CTA-COM	C	9
62	0500	CTA	Contact Information	M	1
63	0510	COM	Communication Contact	M	9
Not Used	0520		Segment Group 12: DOC-DTM	C	9
Not Used	0530	DOC	Document/Message Details	M	1
Not Used	0540	DTM	Date/Time/Period	C	1
Not Used	0550		Segment Group 13: RFF-DTM	C	9
Not Used	0560	RFF	Reference	M	1
Not Used	0570	DTM	Date/Time/Period	C	9
	0580		Segment Group 14: CPI-RFF-CUX-LOC-MOA	C	6
65	0590	CPI	Charge Payment Instructions	M	1
Not Used	0600	RFF	Reference	C	99
Not Used	0610	CUX	Currencies	C	1
67	0620	LOC	Place/Location Identification	C	1
Not Used	0630	MOA	Monetary Amount	C	1
Not Used	0640		Segment Group 15: TSR-RFF-LOC-TPL-FTX	C	99
Not Used	0650	TSR	Transport Service Requirements	M	1
Not Used	0660	RFF	Reference	C	1
Not Used	0670	LOC	Place/Location Identification	C	1
Not Used	0680	TPL	Transport Placement	C	1
Not Used	0690	FTX	Free Text	C	9
	0700		Segment Group 16: GID-HAN-TMP-RNG-TMD-LOC-MOA-PIA-FTX-PCD-SG17-GDS-SG18-SG19-SG20-SG21-SG22-SG23-SG25-SG27	C	999
70	0710	GID	Goods Item Details	M	1
Not Used	0720	HAN	Handling Instructions	C	1
Not Used	0730	TMP	Temperature	C	1
Not Used	0740	RNG	Range Details	C	1
Not Used	0750	TMD	Transport Movement Details	C	1
Not Used	0760	LOC	Place/Location Identification	C	9
Not Used	0770	MOA	Monetary Amount	C	9
76	0780	PIA	Additional Product Id	C	2
78	0790	FTX	Free Text	O	3
Not Used	0800	PCD	Percentage Details	C	1
Not Used	0810		Segment Group 17: NAD-DTM	C	9
Not Used	0820	NAD	Name and Address	M	1
Not Used	0830	DTM	Date/Time/Period	C	1
Not Used	0840	GDS	Nature of Cargo	C	9

	0850		Segment Group 18: MEA-EQN	C	2
81	0860	MEA	Measurements	M	1
Not Used	0870	EQN	Number of Units	C	1
	0880		Segment Group 19: DIM-EQN	C	1
84	0890	DIM	Dimensions	M	1
Not Used	0900	EQN	Number of Units	C	1
	0910		Segment Group 20: RFF-DTM	C	9
86	0920	RFF	Reference	M	1
88	0930	DTM	Date/Time/Period	C	2
Not Used	0940		Segment Group 21: PCI-RFF-DTM-GIN	C	9
Not Used	0950	PCI	Package Identification	M	1
Not Used	0960	RFF	Reference	C	1
Not Used	0970	DTM	Date/Time/Period	C	1
Not Used	0980	GIN	Goods Identity Number	C	9
Not Used	0990		Segment Group 22: DOC-DTM	C	9
Not Used	1000	DOC	Document/Message Details	M	1
Not Used	1010	DTM	Date/Time/Period	C	9
Not Used	1020		Segment Group 23: TPL-SG24	C	9
Not Used	1030	TPL	Transport Placement	M	1
Not Used	1040		Segment Group 24: MEA-EQN	C	9
Not Used	1050	MEA	Measurements	M	1
Not Used	1060	EQN	Number of Units	C	1
	1070		Segment Group 25: SGP-SG26	C	999
90	1080	SGP	Split Goods Placement	M	1
	1090		Segment Group 26: MEA-EQN	C	2
93	1100	MEA	Measurements	M	1
Not Used	1110	EQN	Number of Units	C	1
	1120		Segment Group 27: DGS-FTX-SG28-SG29-SG30	C	99
96	1130	DGS	Dangerous Goods	M	1
99	1140	FTX	Free Text	M	12
	1150		Segment Group 28: CTA-COM	O	3
104	1160	CTA	Contact Information	M	1
105	1170	COM	Communication Contact	M	1
	1180		Segment Group 29: MEA-EQN	C	4
107	1190	MEA	Measurements	M	1
Not Used	1200	EQN	Number of Units	C	1
	1210		Segment Group 30: SGP-SG31	C	999
110	1220	SGP	Split Goods Placement	M	1
	1230		Segment Group 31: MEA-EQN	C	2
112	1240	MEA	Measurements	M	1
Not Used	1250	EQN	Number of Units	C	1
	1260		Segment Group 32: EQD-EQN-TMD-MEA-DIM-TPL-HAN-TMP-FTX-RFF-SG33-SG35	C	999
115	1270	EQD	Equipment Details	M	1
117	1280	EQN	Number of Units	M	1
118	1290	TMD	Transport Movement Details	M	1
119	1300	MEA	Measurements	C	7



122	1310	DIM	Dimensions	C	1
Not Used	1320	TPL	Transport Placement	C	9
124	1330	HAN	Handling Instructions	C	1
125	1340	TMP	Temperature	C	1
127	1350	FTX	Free Text	C	20
132	1360	RFF	Reference	C	9
	1370		Segment Group 33: NAD-DTM-SG34	C	9
134	1380	NAD	Name and Address	M	1
138	1390	DTM	Date/Time/Period	C	2
	1400		Segment Group 34: CTA-COM	C	9
141	1410	CTA	Contact Information	M	1
142	1420	COM	Communication Contact	M	9
Not Used	1430		Segment Group 35: DGS-FTX-SG36	C	99
Not Used	1440	DGS	Dangerous Goods	M	1
Not Used	1450	FTX	Free Text	C	9
Not Used	1460		Segment Group 36: CTA-COM	C	9
Not Used	1470	CTA	Contact Information	M	1
Not Used	1480	COM	Communication Contact	C	9
143	1490	UNT	Message Trailer	M	1
Not Used	1495	UNE	Functional Group Trailer	C	1
144	1500	UNZ	Interchange Trailer	M	1

**B. INTTRA IFTMBF Firm Booking Message Data, Version 2.2**

**Segment:** **UNA** Service String Advice  
**Position:** 0000  
**Group:**  
**Level:** 0  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

UNA:+.? '

Component Data Element Separator, Data Element Separator and Segment Terminator must each be unique.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
		<b>Component Data Element Separator</b>	<b>M</b>	<b>an1</b>
		Character used to separate elements.		
		<b>Data Element Separator</b>	<b>M</b>	<b>an1</b>
		Character used to separate elements.		
		<b>Decimal Notation</b>	<b>M</b>	<b>an1</b>
		Character used as decimal notation.		
		Accepted Values:		
		. Dot		
		<b>Release Indicator</b>	<b>M</b>	<b>an1</b>
		Character used as release indicator.		
		<b>Reserved for Future Use</b>	<b>M</b>	<b>an1</b>
		Reserved for future use.		
		Accepted Values:		
		Space character		
		<b>Segment Terminator</b>	<b>M</b>	<b>an1</b>
		Character used to indicate end of segment.		

**Segment:** UNB Interchange Header  
**Position:** 0005  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start, identify and specify an interchange  
**Semantic Notes:**  
**Comments:**  
**Notes:** UNB+UNOC:3+CUSTOMEREDIID:ZZZ+INTTRANG2:ZZZ+080201:1430+100

#### Data Element Summary

Data Element	Component Element	Name	Attributes
S001		<b>SYNTAX IDENTIFIER</b>	<b>M 1</b>
		Identification of the agency controlling the syntax and indication of syntax level.	
	0001	<b>Syntax identifier</b>	<b>M a4</b>
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.	
		Accepted 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.	
S002	0002	<b>Syntax version number</b>	<b>M n1</b>
		Version number of the syntax identified in the syntax identifier (0001).	
		<b>INTERCHANGE SENDER</b>	<b>M 1</b>
		Identification of the sender of the interchange.	
Not Used	0004	<b>Sender identification</b>	<b>M an..35</b>
		Name or coded representation of the sender of a data interchange.	
		Customer EDI ID	
	0007	<b>Partner identification code qualifier</b>	<b>C an..4</b>
	Qualifier referring to the source of codes for the identifiers of interchanging partners.		
	Accepted Values:		
	ZZZ Mutually defined		
S003	0008	<b>Address for reverse routing</b>	<b>C an..14</b>
		Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.	
		<b>INTERCHANGE RECIPIENT</b>	<b>M 1</b>
		Identification of the recipient of the interchange.	
S003	0010	<b>Recipient identification</b>	<b>M an..35</b>
		Name or coded representation of the recipient of a data interchange.	
		INTTRANG2	
	0007	<b>Partner identification code qualifier</b>	<b>C an..4</b>
	Qualifier referring to the source of codes for the identifiers of interchanging partners.		
	Accepted Values:		
	ZZZ Mutually defined		

Not Used	0014	<b>Routing address</b>	C	an..14
		Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.		
	S004	<b>DATE AND TIME OF PREPARATION</b>	M	1
		Date and time of preparation of the interchange.		
	0017	<b>Date of preparation</b>	M	n6
		Local date when an interchange or a functional group was prepared.		
		Format YYMMDD		
	0019	<b>Time of preparation</b>	M	n4
		Local time of day when an interchange or a functional group was prepared.		
		Assumed to be UTC (GMT) Time.		
		The twenty-four hour clock system must 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		
	0020	<b>INTERCHANGE CONTROL REFERENCE</b>	M	1 an..14
		Unique reference assigned by the sender to an interchange.		
Not Used	S005	<b>RECIPIENTS REFERENCE PASSWORD</b>	C	1
		Reference or password as agreed between the communicating partners.		
Not Used	0022	<b>Recipient reference/password</b>	M	an..14
		Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.		
Not Used	0025	<b>Recipient reference/password qualifier</b>	C	an2
		Qualifier for the recipient's reference or password.		
Not Used	0026	<b>APPLICATION REFERENCE</b>	C	1 an..14
		Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.		
Not Used	0029	<b>PROCESSING PRIORITY CODE</b>	C	1 a1
		Code determined by the sender requesting processing priority for the interchange.		
Not Used	0031	<b>ACKNOWLEDGEMENT REQUEST</b>	C	1 n1
		Code determined by the sender for acknowledgement of the interchange.		
Not Used	0032	<b>COMMUNICATIONS AGREEMENT ID</b>	C	1 an..35
		Identification by name or code of the type of agreement under which the interchange takes place.		
Not Used	0035	<b>TEST INDICATOR</b>	C	1 n1
		Indication that the interchange is a test.		

**Segment:** UNH Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Firm booking message is IFTMBF.

**Semantic Notes:**

**Comments:**

**Notes:** UNH+80+IFTMBF:D:99B:UN:2.0

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M 1 an..14
S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	M 1
	0065	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. Accepted Values: IFTMBF Firm booking message A code to identify the firm booking message.	M an..6
	0052	<b>Message type version number</b> Version number of a message type. Accepted 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	<b>Message type release number</b> Release number within the current message type version number (0052). Accepted Values: 99B release 1999 - B	M an..3
	0051	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. Accepted 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	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. Used to indicate the INTTRA IG version. Accepted Values: 2.0	M an..6
Not Used	0068	<b>COMMON ACCESS REFERENCE</b> Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C 1 an..35

<b>Not Used</b>	<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	<b>C</b>	<b>1</b>
		Statement that the message is one in a sequence of transfers relating to the same topic.		
<b>Not Used</b>	<b>0070</b>	<b>Sequence message transfer number</b>	<b>M</b>	<b>n..2</b>
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
<b>Not Used</b>	<b>0073</b>	<b>First/last sequence message transfer indication</b>	<b>C</b>	<b>a1</b>
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.		

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

**Semantic Notes:**

**Comments:**

**Notes:** BGM+335+SI\_90093847+9  
 or  
 BGM+335+SI\_90093847+9+AC

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b>	<b>M 1</b>
		Identification of a type of document/message by code or name. Code preferred.	
	<b>1001</b>	<b>Document name code</b>	<b>M an..3</b>
		Code specifying the document name.	
		Accepted Values:	
		335 Booking request	
		Document/message issued by a supplier to a carrier requesting space to be reserved for a specified consignment, indicating desirable conveyance, despatch time, etc.	
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C an..3</b>
		Identification of a code list.	
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
		Code specifying the agency responsible for a code list.	
<b>Not Used</b>	<b>1000</b>	<b>Document name</b>	<b>C an..35</b>
		Free form description of the document.	
<b>C106</b>		<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>M 1</b>
		Identification of a document/message by its number and eventually its version or revision.	
	<b>1004</b>	<b>Document/message number</b>	<b>M an..35</b>
		Reference number assigned to the document/message by the issuer.	
		Unique Shipment Identification Number	
		For an Original Booking (BGM 1225 = 9) Shipment ID must be unique among all Active (not Declined or Cancelled) and Replaced bookings for the Booker Party.	
		Shipment ID cannot be provided as the sole identifier for Amendment (BGM 1225 = 4) or Cancellation (BGM 1225 = 1) of Bookings that have been Split. Split Bookings inherit the Shipment ID of the booking that was split.	
		To Amend or Cancel a split booking, the Customer must provide the INTTRA Reference (REF 'ZZZ') and/or the Carrier Booking Number (RFF 'BN') of the specific booking to be Amended or Cancelled along with the Shipment ID.	
		The Unique Shipment Identification Number of a booking may be changed by the customer in an amendment transaction by providing the INTTRA Reference (RFF, 'ZZZ') of the booking and the new Unique Shipment Identification Number.	

		Unique Shipment Identification Number may be reused as long as all prior occurrences are associated with Terminated (Cancelled or Declined) bookings.		
Not Used	1056	<b>Version</b> To specify the version number or name of an object.	C	an..9
Not Used	1060	<b>Revision number</b> To specify a revision number.	C	an..6
1225		<b>MESSAGE FUNCTION CODE</b> Code indicating the function of the message.	M	1 an..3
		Accepted Values:		
	1	Cancellation Message cancelling a previous transmission for a given transaction.		
	4	Change Message containing items to be changed. Applicable only for bookings that are in confirmed or pending status in INTTRA's system.		
	9	Original Initial transmission related to a given transaction.		
4343		<b>RESPONSE TYPE CODE</b> Code specifying the type of acknowledgment required or transmitted.	C	1 an..3
		Accepted Values:		
	AC	Acknowledge - with detail and change Acknowledge complete including changes. Per container release requested. Only applicable when Message Function code 9 (original).		



**Segment:** **CTA** **Contact Information**  
**Position:** 0030  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department to whom communication should be directed.

**Semantic Notes:**

**Comments:**

**Notes:**

CTA+IC+:BOOKING CONTACT NAME

This is the primary contact for this booking request.

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

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
3139		<b>CONTACT FUNCTION CODE</b>	M	1 an..3
		Code specifying the function of a contact (e.g. department or person).		
		Accepted Values:		
		IC	Information contact Department/person to contact for questions regarding transactions.	
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	M	1
		Code and/or name of a department or employee. Code preferred.		
Not Used	3413	<b>Department or employee identification</b>	C	an..17
		Internal identification code.		
	3412	<b>Department or employee</b>	M	an..35
		The department or person within an organizational entity.		

**Segment:** **COM** Communication Contact  
**Position:** 0040  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 9  
**Purpose:** A segment to identify a communication number of a person or department to whom communication should be directed.

**Semantic Notes:**

**Comments:**

**Notes:** COM+(904) 330-6088:TE

Minimum of one communication number is required.

**Data Element Summary**

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

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

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+137:200901011430:203

Time is assumed to be UTC/GMT.

INTTRA will interpret this date as the date the transaction was assembled.

Date must 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		<b>DATE/TIME/PERIOD</b>	<b>M 1</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		Accepted Values:	
		137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
	<b>2380</b>	<b>Date/time/period value</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format code</b>	<b>M an..3</b>
		Code specifying the representation of a date, time or period.	
		Date/Time (C507, 2380) must be consistent with the code sent in this element.	
		Accepted 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 must 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:** **TSR** Transport Service Requirements  
**Position:** 0060  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to identify the contract, conditions of carriage, services, and priority requirements for the transport.

**Semantic Notes:**

**Comments:**

**Notes:**

TSR+27

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C536		<b>CONTRACT AND CARRIAGE CONDITION</b> To identify a contract and carriage condition.	M 1
	4065	<b>Contract and carriage condition code</b> Code to identify the conditions of contract and carriage.	M an..3
Accepted Values:			
		27 Door-to-door The carrier is responsible for the intermodal carriage of cargo including both the pre-carriage and the on-carriage.	
		28 Door-to-pier The carrier is responsible for the intermodal carriage of cargo including the pre-carriage, but excluding the on-carriage.	
		29 Pier-to-door The carrier is responsible for the intermodal carriage of cargo including the on-carriage, but excluding the pre-carriage.	
		30 Pier-to-pier The carrier of intermodal cargo is only responsible for the main carriage.	
Not Used	1131	<b>Code list identification code</b> Identification of a code list.	C an..3
Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3
Not Used	C233	<b>SERVICE</b> To identify a service (which may constitute an additional component to a basic contract).	C 1
Not Used	7273	<b>Service requirement code</b> Code specifying a service requirement.	M an..3
Not Used	1131	<b>Code list identification code</b> Identification of a code list.	C an..3
Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C an..3
Not Used	7273	<b>Service requirement code</b> Code specifying a service requirement.	C an..3

Not Used		<b>1131 Code list identification code</b> Identification of a code list.	C	an..3
Not Used		<b>3055 Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	<b>C537</b>	<b>TRANSPORT PRIORITY</b> To indicate the priority of requested transport service.	C	1
Not Used		<b>4219 Transport priority, coded</b> Coded priority of requested transport service.	M	an..3
Not Used		<b>1131 Code list identification code</b> Identification of a code list.	C	an..3
Not Used		<b>3055 Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	<b>C703</b>	<b>NATURE OF CARGO</b> Rough classification of a type of cargo.	C	1
Not Used		<b>7085 Nature of cargo, coded</b> Code indicating the type of cargo as a rough classification.	M	an..3
Not Used		<b>1131 Code list identification code</b> Identification of a code list.	C	an..3
Not Used		<b>3055 Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3

**Segment:** **FTX** Free Text  
**Position:** 0080  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 8  
**Purpose:** A segment to specify free form or processable supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information.

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AAI+++FREE FORM TEXT  
 or  
 FTX+AES+++BOOKING CHANGE REASON  
 or  
 FTX+CUS++UCN:110:ZZZ+857\_3746578  
 or  
 FTX+CCI++AMS:110:ZZZ  
 or  
 FTX+CCI++NVO:110:ZZZ+SCAC

Segment qualified with AAI is the only segment that will be processed in Cancellation transactions.

Only 3 segments may be sent with Text Subject Code Qualifier of AAI.  
 Only 1 segment may be sent with Text Subject Code Qualifier of AES.  
 Only 2 segments may be sent with Text Subject Code Qualifier of CUS each containing only 1 of Free Text Value Code CCN or UCN.  
 Only 2 segments may be sent with Text Subject Code Qualifier of CCI each containing only 1 of Free Text Value Code AMS or NVO.

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

AES type remark must only be sent if transaction type is change (BGM,1225 = 4).

The Customer provided change summary will be sent in the Carrier outbound IFTMBF under FTX AES. In addition, an INTTRA generated summary of changes will be sent in the Carrier outbound IFTMBF under FTX, ACB.

INTTRA Recommends that customers provide Remarks (4451 = AAI) for Cancellation (BGM 1225 = 1) transactions.

INTTRA RECOMMENDS that customers send AES remarks when the transaction is a booking change (BGM, 1225 = 4).

**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.	
		Accepted Values:	
		AAI	General information
		AES	Reason for amending a message Identification of the reason for amending a message. Customer's reason for amending the booking.
		CCI	Customs clearance instructions Any coded or clear instruction agreed by customer and

		CUS	carrier regarding the declaration of the goods. Customs declaration information Note contains customs declaration information.		
Not Used	4453	<b>TEXT FUNCTION, CODED</b>		C	1 an..3
			Code specifying the purpose of the text.		
	C107	<b>TEXT REFERENCE</b>		C	1
			Coded reference to a standard text and its source.		
	4441	<b>Free text value code</b>		M	an..17
			Code specifying free form text.		
			Must be sent when text subject code (4451) is CUS or CCI.		
			Must NOT be sent when text subject code (4451) is AAI or AES.		
			Accepted Values:		
		AMS	Customer to Perform AMS Filing Use only 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. Use only when Text Subject Code Qualifier (4451) = CUS		
		NVO	NVOCC SCAC NVOCC SCAC under which AMS filing will be done. Use only when Text Subject Code Qualifier (4451) = CCI		
		UCN	Customs Export Declaration Unique Consignment Reference (DUOCR) Typically provided by the Exporter or its Agent for shipments departing Great Britain. Use only when Text Subject Code Qualifier (4451) = CUS		
	1131	<b>Code list identification code</b>		M	an..3
			Identification of a code list.		
			Accepted Values:		
		110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment.		
	3055	<b>Code list responsible agency code</b>		M	an..3
			Code specifying the agency responsible for a code list.		
			Accepted Values:		
		ZZZ	Mutually defined INTTRA defined.		
	C108	<b>TEXT LITERAL</b>		C	1
			Free text; one to five lines.		
	4440	<b>Free text value</b>		M	an..512
			Free form text.		
			This element must be populated when Text Subject Code Qualifier (4451) = AAI, AES or CUS.		
			This element must be populated (and limited to 4 characters) when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code (C107, 4441)		

= NVO.

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

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

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

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

**Not Used 4440 Free text value** C an..512  
Free form text.

**Not Used 4440 Free text value** C an..512  
Free form text.

**Not Used 4440 Free text value** C an..512  
Free form text.

**Not Used 3453 LANGUAGE NAME CODE** C 1 an..3  
Code specifying the language name.

**Not Used 4447 TEXT FORMATTING, CODED** C 1 an..3  
Code specifying the formatting parameters for the text.



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

**Semantic Notes:**

**Comments:**

**Notes:**

GDS+11

Only one occurrence of each type of GDS classification will be accepted per transaction.

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C703		<b>NATURE OF CARGO</b> Rough classification of a type of cargo.	M	1
	7085	<b>Nature of cargo, coded</b> Code indicating the type of cargo as a rough classification.	M	an..3
Accepted Values:				
		5 Other non-containerized Non-containerized cargo which cannot be categorized by any of the other nature of cargo code. OOG Freight (out of gauge).		
		11 Hazardous cargo Cargo with dangerous properties, according to appropriate dangerous goods regulations.		
		14 Temperature controlled cargo Cargo transported under specified temperature conditions.		
		15 Environmental pollutant cargo Cargo is an environmental pollutant.		
Not Used	1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3

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

**Segment Summary**

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

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

All locations must be coded.

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

Place of Receipt (3227 = 88) and Place of Delivery (3227 = 7) locations are MANDATORY for Booking Requests (0020 BGM 1225 = 9) and Amendments (0020 BGM 1225 = 4) transactions.

INTTRA RECOMMENDS that (3227 = 88) Place of Receipt and (3227 = 7) Place of Delivery not be the same.

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

Locations may be structured in the following ways.

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

INTTRA RECOMMENDS customers send Booking Office if location is other than the export start location.

INTTRA will not default Booking Office if the customer does not send it.

If ISO Country code (C519, 3223) is provided INTTRA RECOMMENDS it be compatible with UNLOC.

With respect to location literals, INTTRA will provide to the carrier what the customer sent.

If location literals are not provided for a coded location, literals from INTTRA's database will be provided to the carrier at the carrier's request (carrier preference setting).

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3227		LOCATION FUNCTION CODE QUALIFIER	M 1 an..3
		Code identifying the function of a location.	

Accepted Values:

7 Place of delivery  
(3246) Place to which the goods are to be finally delivered under transport contract terms (operational

	74	term). Transshipment excluding this place Place/location where a transshipment from a means of transport to another means of transport is not authorised. Prohibited Transshipment location		
	75	Transshipment limited to this place Only place/location where a transshipment from a means of transport to another means of transport is authorised. Requested Transshipment location		
	88	Place of receipt Identification of the location at which the cargo is actually received.		
	197	Place of inquiry Place to which an inquiry is made. Carrier's Booking Office		
<b>C517</b>		<b>LOCATION IDENTIFICATION</b>	<b>M</b>	<b>1</b>
		Identification of a location by code or name.		
	<b>3225</b>	<b>Location name code</b>	<b>M</b>	<b>an..25</b>
		Code specifying the name of the location.		
	<b>1131</b>	<b>Code list identification code</b>	<b>M</b>	<b>an..3</b>
		Identification of a code list. If C517,3225 is populated this element must also be sent.		
		Accepted Values:		
	181	Activity Code identifying activities.		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list. If C517,1131 is populated this element must also be sent.		
		Accepted Values:		
	6	UN/ECE (United Nations - Economic Commission for Europe)		
	86	Assigned by party originating the message Codes assigned by the party originating the message. Codes assigned by the Booking party.		
	<b>3224</b>	<b>Location name</b>	<b>C</b>	<b>an..256</b>
		Name of the location.		
<b>C519</b>		<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification the first related location by code or name. Used to provide country identification.		
	<b>3223</b>	<b>Related place/location one identification</b>	<b>C</b>	<b>an..25</b>
		Specification of the first related place/location by code. Must be a valid 2 character ISO country code		
	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list. If C519,3223 is populated this element must also be populated.		
		Accepted Values:		
	162	Country Identification of a country.		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		

If C519,3223 is populated this element must also be populated.

Accepted Values:

5 ISO (International Organization for Standardization)

	<b>3222</b>	<b>Related place/location one</b>	<b>C</b>	<b>an..70</b>
		Specification of the first related place/location by name.		
		Country Name		
<b>C553</b>		<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification of second related location by code or name.		
<b>Not Used</b>	<b>3233</b>	<b>Related place/location two identification</b>	<b>C</b>	<b>an..25</b>
		Specification of a second related place/location by code.		
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
	<b>3232</b>	<b>Related place/location two</b>	<b>C</b>	<b>an..70</b>
		Specification of a second related place/location by name.		
		State/Province code or name.		
<b>Not Used</b>	<b>5479</b>	<b>RELATION, CODED</b>	<b>C</b>	<b>1 an..3</b>
		To specify the relationship between two or more items.		

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

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+196:20080203:102  
or  
DTM+63:200803211430:203

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

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

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

Date must 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 a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

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

Date/Time (C507, 2380) must be consistent with the code sent in this element.

Accepted 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 must 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

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

**Segment Summary**

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



**Segment:** **RFF Reference**  
**Position:** 0180 (Trigger Segment)  
**Group:** Segment Group 3 (Reference) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.

**Semantic Notes:**

**Comments:**

**Notes:**

RFF+FF:FORWARDER REF NUMBER

When transaction is for a new booking (BGM 1225 = 9), reference function code BN represents a Shipper Managed booking number. Customer may only send such reference when authorized by INTTRA.

Customers must provide at least one of the following information for Amendments (BGM 1225 = 4) or Cancellations (BGM 1225 = 1) for Bookings that have been split;

- INTTRA Reference (C506, 1153 = ZZZ)
- or
- Carrier Booking Number (C506, 1153 = BN)

Only one of AFG (Tariff Number), AGE (Outbound Booking Agent Reference), BN (Booking Number), CT (Contract Number)/LI (Contract line item number), EX (Export License) and ZZZ (INTTRA Reference number) may be sent. Multiple occurrences of all other references may be provided as follows: Up to 30 occurrences of BM (Bill of Lading Number). Any combination of AGB (Contract Party Reference), AKG (Vehicle Identification Number), ANT (Consignee's Reference), FF (Freight Forwarders Reference), ON (Purchase Order Number) and SI (Shipper's Reference) up to 60 occurrences.

AFG (Tariff number) and CT (Contract reference number) are mutually exclusive.

LI (Contract line Item number) must only be transmitted when CT (Contract number) is provided.

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

See Booking Split Conventions in the Customer IFTMBC Appendix for a detailed explanation of split handling.

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

For Cancellations (0020 BGM 1225 = 1) only References Booking Number (C506, 1153 = BN) and INTTRA Reference Number (C506, 1153 = ZZZ) will be processed. All others will be ignored.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C506		<b>REFERENCE</b>	M 1
		Identification of a reference.	
	1153	<b>Reference function code qualifier</b>	M an..3
		Code giving specific meaning to a reference segment or a reference number.	

Accepted 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
AKG	Vehicle Identification Number (VIN) The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.
ANT	Consignee's reference Reference number of the consignee.
BM	Bill of lading number Reference number assigned to a bill of lading, see: 1001 = 705.
BN	Booking reference number [1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading. Carrier Booking Number
CT	Limited to 30 characters Contract number Reference number of a contract concluded between parties. Contract/Quote number
EX	Export licence number [1208] Reference number assigned by issuing authority to an Export Licence.
FF	Freight forwarder's reference number [1460] Reference number assigned to the consignment by the freight forwarder.
LI	Line item reference number (1156) Reference number identifying a particular line in a document. Contract Line Item Number.
ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order.
SI	SID (Shipper's identifying number for shipment) Description to be provided.
ZZZ	Mutually defined reference number Number based on party agreement. INTTRA Reference Number

**1154 Reference identifier M an..35**  
Identifies a reference.

Not Used

**1156 Line number C an..6**  
Number of the line in the document/message referenced in 1154 Reference identifier.

<b>Not Used</b>	<b>4000</b>	<b>Reference version identifier</b> To identify the version of a reference.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>1060</b>	<b>Revision number</b> To specify a revision number.	<b>C</b>	<b>an..6</b>

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

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+182:20071212:102

or

DTM+36:20080630:102

**Notes:**

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a date, time or period.		
		<b>Accepted Values:</b>		
		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.	
	<b>2380</b>	<b>Date/time/period value</b>	<b>M</b>	<b>an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
	<b>2379</b>	<b>Date/time/period format code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the representation of a date, time or period.		
		<b>Accepted Values:</b>		
		102	CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

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

**Segment Summary**

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

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

**Semantic Notes:**

**Comments:**

**Notes:**

TDT+10++2  
or  
TDT+20+VOY00398+1+13:OCEAN V+SCAC:172:182+++LLOYDS CD::11:VESSEL  
NAME  
or  
TDT+30++3++SCAC:172:182

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

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

“INTTRA RECOMMENDS to customers that transport plan legs be provided in the order in which transport is expected to occur. Legs will be stored and sent to the Carrier in the order received. INTTRA does not use the dates provided in the transport plan to order legs.”

INTTRA RECOMMENDS that routing/transport plan information provided by the customer be consistent with the Place of Receipt (88) and Place of Delivery (7) locations established in Segment Group 1. Further, INTTRA RECOMMENDS that a main carriage leg (stage 20) be included if plan information is provided. Finally, INTTRA RECOMMENDS that any vessel/voyage specification include the Lloyd's code for the vessel.

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**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.	
		Accepted 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.		
<b>8028</b>		<b>CONVEYANCE REFERENCE NUMBER</b>	<b>C</b>	<b>1 an..17</b>
		Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). Voyage Number or Train Number		
<b>C220</b>		<b>MODE OF TRANSPORT</b>	<b>O</b>	<b>1</b>
		Method of transport code or name. Code preferred.		
	<b>8067</b>	<b>Transport mode name code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the name of a mode of transport. Accepted Values:		
	1	Maritime transport		
	2	Rail transport		
	3	Road transport		
	8	Inland water transport		
	23	Rail/Road		
	28	Rail/water		
	38	Road/water		
<b>Not Used</b>	<b>8066</b>	<b>Transport mode name</b>	<b>C</b>	<b>an..17</b>
		Name of a mode of transport.		
<b>C228</b>		<b>TRANSPORT MEANS</b>	<b>C</b>	<b>1</b>
		Code and/or name identifying the type of means of transport.		
	<b>8179</b>	<b>Transport means description code</b>	<b>C</b>	<b>an..8</b>
		Code specifying the means of transport. Accepted 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.		
	<b>8178</b>	<b>Transport means description</b>	<b>C</b>	<b>an..17</b>
		Free form description of the means of transport.		
<b>C040</b>		<b>CARRIER</b>	<b>C</b>	<b>1</b>
		Identification of a carrier by code and/or by name. Code preferred.		
	<b>3127</b>	<b>Carrier identification</b>	<b>M</b>	<b>an..17</b>
		Identification of party undertaking or arranging transport of goods between named points. Carrier SCAC		
		Must not be more than 4 characters.		

	<b>1131</b>	<b>Code list identification code</b>	<b>M</b>	<b>an..3</b>
		Identification of a code list.		
		If C040,3127 is populated this element must also be sent.		
		Accepted Values:		
		172 Carriers		
		Code list identifying carriers.		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		If C040,1131 is populated this element must also be sent.		
		Accepted Values:		
		182 US, Standard Carrier Alpha Code (Motor)		
		Organisation maintaining the SCAC lists and transportation operating in North America.		
<b>Not Used</b>	<b>3128</b>	<b>Carrier name</b>	<b>C</b>	<b>an..35</b>
		Name of party undertaking or arranging transport of goods between named points.		
<b>Not Used</b>	<b>8101</b>	<b>TRANSIT DIRECTION INDICATOR CODE</b>	<b>C</b>	<b>1 an..3</b>
		Code specifying the direction of transport.		
<b>Not Used</b>	<b>C401</b>	<b>EXCESS TRANSPORTATION INFORMATION</b>	<b>C</b>	<b>1</b>
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
<b>Not Used</b>	<b>8457</b>	<b>Excess transportation reason, coded</b>	<b>M</b>	<b>an..3</b>
		Indication of reason for excess transportation.		
<b>Not Used</b>	<b>8459</b>	<b>Excess transportation responsibility, coded</b>	<b>M</b>	<b>an..3</b>
		Indication of responsibility for excess transportation.		
<b>Not Used</b>	<b>7130</b>	<b>Customer authorization number</b>	<b>C</b>	<b>an..17</b>
		Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.		
	<b>C222</b>	<b>TRANSPORT IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Code and/or name identifying the means of transport.		
	<b>8213</b>	<b>Transport means identification name identifier</b>	<b>C</b>	<b>an..9</b>
		Identifies the name of the transport means.		
		Lloyd's Code		
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		If C222,8213 is populated this element must also be sent.		
		Accepted Values:		
		11 Lloyd's register of shipping		
		A register of ocean going vessels maintained by Lloyd's of London.		
	<b>8212</b>	<b>Transport means identification name</b>	<b>C</b>	<b>an..35</b>
		Name identifying a means of transport.		
		Vessel Name		
	<b>8453</b>	<b>Nationality of means of transport, coded</b>	<b>C</b>	<b>an..3</b>
		Coded name of the country in which a means of transport is registered.		
		Country code of Ship's Registry.		
		Must be a valid 2 Character ISO code.		



Not Used

8281

**TRANSPORT OWNERSHIP, CODED**

C

1 an..3

Code indicating the ownership of the means of transport.

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

**Segment Summary**

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

**Segment:** **LOC** Place/Location Identification  
**Position:** 0410 (Trigger Segment)  
**Group:** Segment Group 8 (Place/Location Identification) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.

**Semantic Notes:**

**Comments:**

**Notes:**

LOC+9+USNYC:139:6:NEW YORK  
or  
LOC+11+NLRTM:139:6:ROTTERDAM+NL:162:5

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

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

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

If ISO Country code (C519, 3223) is provided INTTRA RECOMMENDS it be compatible with UNLOC.

INTTRA will not attempt to derive codes for locations provided without codes.

With respect to location literals, INTTRA will pass to the carrier what the customer sent.

If location literals are not sent in booking transactions for a coded location, literals from INTTRA's database will be provided at carrier's request (carrier preference setting).

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3227		<b>LOCATION FUNCTION CODE QUALIFIER</b> Code identifying the function of a location. Accepted Values:	M 1 an..3
	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.	
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	M 1
	3225	<b>Location name code</b> Code specifying the name of the location.	C an..25

		If there is no UNLOC or customer assigned alias, this field must be blank and port name must be transmitted in element C517, 3224.	
	<b>1131</b>	<b>Code list identification code</b>	<b>C an..3</b>
		Identification of a code list.	
		If C517,3225 is populated this element must also be sent.	
		Accepted Values:	
		139	Port A location having facilities for means of transport to load or discharge cargo.
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
		Code specifying the agency responsible for a code list.	
		If there is no UNLOC or Customer assigned code, this field must be blank and the Port Name must be transmitted in element C517, 3224.	
		If C517, 3225 is populated this element must also be sent.	
		Accepted Values:	
		6	UN/ECE (United Nations - Economic Commission for Europe) UNLOCODE
		86	Assigned by party originating the message Codes assigned by the party originating the message. Assigned by Customer. The code must be defined in the INTTRA Alias Master. When '86' is used, Location Name (3224) is required.
	<b>3224</b>	<b>Location name</b>	<b>C an..256</b>
		Name of the location.	
		Port Name	
<b>C519</b>		<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>C 1</b>
		Identification the first related location by code or name.	
	<b>3223</b>	<b>Related place/location one identification</b>	<b>C an..25</b>
		Specification of the first related place/location by code.	
		2 Character ISO Country Code	
	<b>1131</b>	<b>Code list identification code</b>	<b>C an..3</b>
		Identification of a code list.	
		If C519,3223 is populated this element must also be sent.	
		Accepted Values:	
		162	Country Identification of a country.
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
		Code specifying the agency responsible for a code list.	
		If C519, 3223 is populated this element must also be sent.	
		Accepted Values:	
		5	ISO (International Organization for Standardization)
	<b>3222</b>	<b>Related place/location one</b>	<b>C an..70</b>
		Specification of the first related place/location by name.	
		Country Name	
<b>C553</b>		<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C 1</b>
		Identification of second related location by code or name.	
<b>Not Used</b>	<b>3233</b>	<b>Related place/location two identification</b>	<b>C an..25</b>
		Specification of a second related place/location by code.	

Not Used	1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
	3232	<b>Related place/location two</b> Specification of a second related place/location by name. State/Province code or name.	C	an..70
Not Used	5479	<b>RELATION, CODED</b> To specify the relationship between two or more items.	C	1 an..3

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

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+133:20080131:102  
 or  
 DTM+132:200802281435:203

Date must 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 a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		<b>DATE/TIME/PERIOD</b>	<b>M 1</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		Accepted Values:	
		132	Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination. End date/time of leg. Must only be sent if preceding LOC segment is qualified as 11.
		133	Departure date/time, estimated Date/time when carrier estimates that a means of transport should depart at the place of departure. Start date/time of leg. Must only be sent if preceding LOC segment is qualified as 9.
	<b>2380</b>	<b>Date/time/period value</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format code</b>	<b>M an..3</b>
		Code specifying the representation of a date, time or period.	
		Date/Time (C507, 2380) must be consistent with the code sent in this element.	
		Accepted 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 must 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

**Group:** **NAD** Segment Group 10: Name and Address  
**Position:** 0460  
**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**

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



<b>Segment:</b>	<b>NAD</b> Name and Address
<b>Position:</b>	0470 (Trigger Segment)
<b>Group:</b>	Segment Group 10 (Name and Address)      Mandatory
<b>Level:</b>	1
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	A segment to identify the party's name, address, and function.
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p>NAD+ZZZ+INTCD:160:192+BOOKING PARTY  or  NAD+CA+SCAC:160:86+CARRIER NAME  or  NAD+CZ+553049:160:ZZZ+SHIPPER NAME:STREET ADDRESS:CITY STATE ZIP  or  NAD+NI++NOTIFY PARTY NAME:NOTIFY PARTY ADDRESS</p> <p>ZZZ (Booking Party) and CA (Carrier) are Mandatory.</p> <p>ZZZ (Booking Party) and CA (Carrier) must be INTTRA registered parties.</p> <p>Either INTTRA registered CZ (Shipper) or FW (Forwarder) must be provided in Booking Requests (0020 BGM 1225 = 9) and Amendment (0020 BGM 1225 = 4) transactions.</p> <p>Carrier party listed in the NAD segment represents the carrier with whom the shipment is being booked.</p> <p>The element 3039 value for the 'CA' party is the carrier SCAC code as defined by INTTRA or as aliased in the INTTRA system. If using SCAC code, qualifier '86' must be used in element 3055.</p> <p>INTTRA RECOMMENDS customers send Postal Id (3251) and Country code (3207) when party is not coded.</p> <p>INTTRA RECOMMENDS customers only provide FP (Freight Payer) party type when none of the other party types are appropriate for handling of charges. If provided, the Freight Payer party must have at least one charge (CPI) associated with it.</p> <p>Information for party type MR (Message recipient) is not sent to the carrier.</p> <p>Only one of each party type will be allowed per booking.</p> <p>Only ZZZ (Booking Party) and CA (Carrier) will be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.</p> <p>INTTRA will not attempt to derive party codes if not provided by the customer.</p> <p>With respect to name and address, INTTRA will provide to the carrier what the customer sent.</p> <p>For non-INTTRA parties details such as name and address will be sent to the carrier if provided in the booking transaction. For INTTRA registered parties, if name and/or address are not sent in the booking transaction, name and address from INTTRA's database will be provided at carrier's request (carrier preference setting).</p>

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3035		<b>PARTY FUNCTION CODE QUALIFIER</b> Code giving specific meaning to a party.	<b>M 1 an..3</b>
Accepted Values:			
	CA	Carrier (3126) Party undertaking or arranging transport of goods between named points.	
	CN	Consignee (3132) Party to which goods are consigned.	
	CZ	Consignor (3336) Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him. Synonym: shipper, sender.	
	FC	Contractor, main Firm or grouping of co-contractors which has been awarded the contract.	
Contract Party			
	FP	Freight/charges payer Party responsible for the payment of freight.	
	FW	Freight forwarder Party arranging forwarding of goods.	
	MR	Message recipient Used only to establish email addresses for transaction notifications.	
	N1	Notify party no. 1 The first party which is to be notified.	
Used to indicate additional Notify Party			
	N2	Notify party no. 2 The second party which is to be notified.	
Used to indicate additional Notify Party			
	NI	Notify party (3180) Party to be notified of arrival of goods.	
Used to indicate the main Notify Party			
	ZZZ	Mutually defined Party specification mutually agreed between interchanging parties.	
Booking Party			
C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	<b>C 1</b>
	3039	<b>Party identifier</b> Code specifying the identity of a party.	<b>M an..35</b>
If the party is not an INTTRA registered customer and pass through code or Duns number is not being sent, this element must be blank.			
	1131	<b>Code list identification code</b> Identification of a code list.	<b>M an..3</b>
If the party is not an INTTRA registered customer and pass through code is not being sent, this element must be blank.			
Accepted Values:			
	160	Party identification Identification of parties, corporates, etc.	

	<b>3055</b>	<b>Code list responsible agency code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		If the party is not an INTTRA registered customer and pass through code is not being sent, this element must be blank.		
		Accepted Values:		
		16	US, D&B (Dun & Bradstreet Corporation)	
			Identifies the Dun & Bradstreet Corporation, United States.	
			Duns Number	
			Will not be validated by INTTRA.	
		86	Assigned by party originating the message	
			Codes assigned by the party originating the message.	
			Assigned by Customer	
			It is required to establish the Alias/Code in the INTTRA Alias Master prior to sending the transaction.	
		192	Shipper's association	
			Code assigned by a shipper's association.	
			INTTRA assigned code.	
		ZZZ	Mutually defined	
			Pass through code. Mutually agreed between Customer and Carrier.	
			Will not be validated by INTTRA.	
	<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>	<b>1</b>
		Unstructured name and address: one to five lines.		
	<b>3124</b>	<b>Name and address line</b>	<b>M</b>	<b>an..35</b>
		Free form name.		
	<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form address 1.		
	<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form address 2.		
	<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form address 3.		
	<b>3124</b>	<b>Name and address line</b>	<b>C</b>	<b>an..35</b>
		Free form address 4.		
<b>Not Used</b>	<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>	<b>1</b>
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>M</b>	<b>an..35</b>
		Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>
		Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>
		Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>C</b>	<b>an..35</b>
		Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3045</b>	<b>Party name format code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the representation of a party name.		
	<b>C059</b>	<b>STREET</b>	<b>C</b>	<b>1</b>
		Additional address.		

		<b>3042</b>	<b>Street and number/p.o. box</b> Free form address 5.	<b>M</b>	<b>an..35</b>
		<b>3042</b>	<b>Street and number/p.o. box</b> Free form address 6.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>		<b>3042</b>	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>		<b>3042</b>	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>3164</b>		<b>CITY NAME</b> Name of a city (a town, a village) for addressing purposes.	<b>C</b>	<b>1 an..35</b>
<b>Not Used</b>	<b>C819</b>		<b>COUNTRY SUB-ENTITY DETAILS</b> To specify a part of a country (e.g. county or part of a city).	<b>C</b>	<b>1</b>
<b>Not Used</b>		<b>3229</b>	<b>Country sub-entity name code</b> Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	<b>C</b>	<b>an..9</b>
<b>Not Used</b>		<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>		<b>3228</b>	<b>Country sub-entity name</b> Name of sub-entities (state, province) defined by appropriate governmental agencies.	<b>C</b>	<b>an..35</b>
	<b>3251</b>		<b>POSTAL IDENTIFICATION CODE</b> Code specifying the postal zone or address.	<b>C</b>	<b>1 an..17</b>
	<b>3207</b>		<b>COUNTRY NAME CODE</b> Identification of the name of the country or other geographical entity as specified in ISO 3166. Valid 2 Character ISO country code applies.	<b>C</b>	<b>1 an..3</b>

**Group:** **CTA** Segment Group 11: Contact Information  
**Position:** 0490  
**Group:** Segment Group 10 (Name and Address) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments identifying a contact and its communications related to the party.

**Segment Summary**

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

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

**Semantic Notes:**

**Comments:**

**Notes:**

CTA+IC+:PARTY CONTACT

or

CTA+NT+:NOTIFY PARTY CONTACT

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

For Contact Function code (3139) NT the only valid Communication Number (0510 COM C076, 3148) is email.

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3139		<b>CONTACT FUNCTION CODE</b>	<b>M 1 an..3</b>
		Code specifying the function of a contact (e.g. department or person).	
		Accepted Values:	
		IC      Information contact	
		Department/person to contact for questions regarding transactions.	
		NT      Notification contact	
		Email Booking transaction recipient.	
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	<b>M 1</b>
		Code and/or name of a department or employee. Code preferred.	
Not Used	3413	<b>Department or employee identification</b>	<b>C an..17</b>
		Internal identification code.	
	3412	<b>Department or employee</b>	<b>M an..35</b>
		The department or person within an organizational entity.	

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

**Semantic Notes:**

**Comments:**

**Notes:**

COM+(942) 387-3392:TE  
 or  
 COM+email@addr.com:EM  
  
 Email is the only valid Communication Number (C076, 3148) for Contact Function code (0500 CTA 3139) NT.  
  
 This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M 1</b>
		Communication number of a department or employee in a specified channel.	
	<b>3148</b>	<b>Communication number</b> The communication number.	<b>M an..512</b>
	<b>3155</b>	<b>Communication number code qualifier</b> Code qualifying the communication number.	<b>M an..3</b>
<b>Accepted Values:</b>			
	EM	Electronic mail Exchange of mail by electronic means. Must be used when contact function code (CTA, 3139) = "NT". 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. Not applicable when contact function code (CTA, 3139) = "NT".	
	TE	Telephone Voice/data transmission by telephone. Not applicable when contact function code (CTA, 3139) = "NT". Must not be populated with spaces and/or dots alone.	

**Group:** **CPI** Segment Group 14: Charge Payment Instructions  
**Position:** 0580  
**Group:** Segment Group 10 (Name and Address) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 6  
**Purpose:** A group of segments to identify the charge and its amount to be paid by the party.

**Segment Summary**

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



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

CPI+4+++P

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

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

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

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

The Freight Payer 'FP' party type should only be used when none of the other party types are appropriate.

If provided, the Freight Payer party must have at least one charge (CPI) associated with it.

This segment must not be sent when preceding NAD segment is party type 'MR' (Message recipient).

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

This segment is not supported in the IFTMBC Transaction.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C229		<b>CHARGE CATEGORY</b>	M 1
		Identification of a category or a zone of charges.	
	5237	<b>Charge category code</b>	M an..3
		Code specifying the category of charges.	
		Accepted Values:	
		2 Additional charges	
		Charges calculated by the carrier for specific events like re-weighting, re-loading, unexpected operations, services required during the voyage, etc.	
		4 Basic freight	
		The basic freight payable on the cargo as per tariff.	
		5 Destination haulage charges	
		Haulage charges for transporting goods to the destination.	

		7	Destination port charges Charges payable at the port of destination.		
		10	Origin port charges Charges payable at the port of origin.		
		11	Origin haulage charges Haulage charges for the pickup of goods at origin.		
<b>Not Used</b>		<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>	<b>C231</b>		<b>METHOD OF PAYMENT</b> Code identifying the method of payment.	<b>C</b>	<b>1</b>
<b>Not Used</b>		<b>4215</b>	<b>Transport charges payment method code</b> Identification of method of payment for transport charges.	<b>M</b>	<b>an..3</b>
<b>Not Used</b>		<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>
	<b>4237</b>		<b>PREPAID/COLLECT INDICATOR, CODED</b> Code indicating whether freight item amount is prepaid or to be collected.	<b>M</b>	<b>1 an..3</b>
<b>Accepted Values:</b>					
		<b>A</b>	Payable elsewhere Responsibility for payment of transport charges unknown at time of departure.		
		<b>C</b>	Collect Charges are (to be) collected from the consignee at the destination.		
		<b>P</b>	Prepaid Charges are (to be) prepaid before the transport actually leaves.		

**Segment:** **LOC** Place/Location Identification  
**Position:** 0620  
**Group:** Segment Group 14 (Charge Payment Instructions) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to identify the place of charge collection.

**Semantic Notes:**

**Comments:**

**Notes:**

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

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

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

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

With respect to location literals, INTTRA will provide to the carrier what the customer sent.

If location literals are not provided for a coded location, literals from INTTRA's database will be provided to the carrier at the carrier's request (carrier preference setting).

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

This segment is not supported in the IFTMBC Transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3227		<b>LOCATION FUNCTION CODE QUALIFIER</b> Code identifying the function of a location.	M 1 an..3
Accepted Values:			
	57	Place of payment	
		Name of the location at which freight and charges for main transport are payable.	
C517		<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C 1
	3225	<b>Location name code</b> Code specifying the name of the location.	C an..25
If there is no UNLOC or Carrier assigned code this field must be blank and the Port Name will be transmitted in element 3224.			
	1131	<b>Code list identification code</b> Identification of a code list.	C an..3
If C517, 3225 is populated this element must also be sent.			
Accepted Values:			

		181	Activity Code identifying activities.		
		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. If C517, 3225 is populated this element must also be sent.	<b>C</b>	<b>an..3</b>
			Accepted Values:		
		6	UN/ECE (United Nations - Economic Commission for Europe)		
		86	Assigned by party originating the message Codes assigned by the party originating the message. Assigned by booking party.		
		<b>3224</b>	<b>Location name</b> Name of the location.	<b>C</b>	<b>an..256</b>
<b>C519</b>			<b>RELATED LOCATION ONE IDENTIFICATION</b> Identification the first related location by code or name.	<b>C</b>	<b>1</b>
		<b>3223</b>	<b>Related place/location one identification</b> Specification of the first related place/location by code. Valid 2 Character ISO country code applies.	<b>C</b>	<b>an..25</b>
		<b>1131</b>	<b>Code list identification code</b> Identification of a code list. If C519, 3223 is populated this element must also be sent.	<b>C</b>	<b>an..3</b>
			Accepted Values:		
		162	Country Identification of a country.		
		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. If C519, 3223 is populated this element must also be sent.	<b>C</b>	<b>an..3</b>
			Accepted Values:		
		5	ISO (International Organization for Standardization)		
		<b>3222</b>	<b>Related place/location one</b> Specification of the first related place/location by name. Country Name	<b>C</b>	<b>an..70</b>
<b>C553</b>			<b>RELATED LOCATION TWO IDENTIFICATION</b> Identification of second related location by code or name.	<b>C</b>	<b>1</b>
<b>Not Used</b>		<b>3233</b>	<b>Related place/location two identification</b> Specification of a second related place/location by code.	<b>C</b>	<b>an..25</b>
<b>Not Used</b>		<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>
		<b>3232</b>	<b>Related place/location two</b> Specification of a second related place/location by name. State/Province code or name.	<b>C</b>	<b>an..70</b>
<b>Not Used</b>	<b>5479</b>		<b>RELATION, CODED</b> To specify the relationship between two or more items.	<b>C</b>	<b>1 an..3</b>

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

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

**Segment:** **GID** Goods Item Details  
**Position:** 0710 (Trigger Segment)  
**Group:** Segment Group 16 (Goods Item Details)      Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a goods item for which transport is undertaken. A goods item can be identified by up to three levels of packaging.

**Semantic Notes:**

**Comments:**

**Notes:**

GID+1+24:CT:67:6:CARTON'  
 GID+1'

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

The GID segment is used to report commodity level packaging.

INTTRA RECOMMENDS to customers that Pallets are not an acceptable packaging type.

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

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

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

Notes:

- A GID Set is a group of GID lines identified by a unique GID Sequence number (element 1496)
- Each new GID set must begin with an Outer Pack Composite.
- Only one Outer Pack Composite must be sent per GID set.
- Every C213 Pack Composite provided must have either a valid package code, or package description, as well as the number of packages.
- An Outer Pack Composite must precede an Inner Pack Composite and an Inner Pack Composite must precede an Inner-Inner Pack Composite.
- At Carriers request (Carrier preference setting), INTTRA will resolve package description (if not provided by customer) systematically using valid package code (C213,7065) and send package description from INTTRA database to the Carrier.
- For hazardous commodity, package type code or package description and number of packages must be provided.
- Number of Packages must be a whole number greater than zero.
- INTTRA allows for a GID segment to be sent without package code/package description and number of packages (i.e. allow GID+1, GID+2) but if multiple package levels are sent, the package code or description and number of packages must be provided for all package level.
- If package code or package description is provided then number of package must also be provided.

Recommended GID construct:

GID+1+36:CR:67:6:CRATES	(outer pack composite)
PIA+5+HARMONIZED CODE:HS	
FTX+AAA+++BALL BEARINGS	(commodity description)
MEA+AAE+G+KGM:7000	(weight of commodity in outer pack)
SGP+01+2	(number of outer packages in a container)

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1496		<b>GOODS ITEM NUMBER</b> Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.	<b>M 1 n..5</b>
C213		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment. Used to indicate the Outer package type and quantity.	<b>C 1</b>
	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. Number of Outer Packages.  Note: Must be a valid whole number greater than zero (no commas or decimals).  If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.  For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.  For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.	<b>M n..8</b>
	7065	<b>Package type description code</b> Code specifying the type of package. Two-character UN/ECE recommendation 21, revision 4 package codes.  If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.  For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.  For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.	<b>C an..17</b>
	1131	<b>Code list identification code</b> Identification of a code list. If C213, 7065 is populated this element must also be sent.  Accepted Values: 67 Type of package Indication of the type of package codes.	<b>C an..3</b>
	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. If C213, 7065 is populated this element must also be sent.  Accepted Values: 6 UN/ECE (United Nations - Economic Commission for Europe)	<b>C an..3</b>

	<b>7064</b>	<b>Type of packages</b>	<b>C</b>	<b>an..35</b>
		Description of the form in which goods are presented.		
		Package type description. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.		
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
		For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.		
<b>Not Used</b>	<b>7233</b>	<b>Packaging related description code</b>	<b>C</b>	<b>an..3</b>
		Code specifying information related to packaging.		
<b>C213</b>		<b>NUMBER AND TYPE OF PACKAGES</b>	<b>C</b>	<b>1</b>
		Number and type of individual parts of a shipment.		
		Used to indicate the Inner package type and quantity.		
		INTTRA RECOMMENDS customer sends inner pack for dangerous cargo only when there are multiple DG cargoes in the outer pack.		
	<b>7224</b>	<b>Number of packages</b>	<b>M</b>	<b>n..8</b>
		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.		
		Must only follow an outer or inner pack GID.		
		Note: Must be a valid whole number greater than zero (no commas or decimals).		
		If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided.		
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
		For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.		
	<b>7065</b>	<b>Package type description code</b>	<b>C</b>	<b>an..17</b>
		Code specifying the type of package.		
		Two-character UN/ECE recommendation 21, revision 4 package codes.		
		If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.		
		For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
		For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.		
	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
		If C213, 7065 is populated this element must also be sent.		
		Accepted Values:		



	67	Type of package Indication of the type of package codes.		
	<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. If C213, 7065 is populated this element must also be sent.	<b>C</b>	<b>an..3</b>
		Accepted Values: 6 UN/ECE (United Nations - Economic Commission for Europe)		
	<b>7064</b>	<b>Type of packages</b> Description of the form in which goods are presented. Package type description. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided. For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels. For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>7233</b>	<b>Packaging related description code</b> Code specifying information related to packaging.	<b>C</b>	<b>an..3</b>
<b>C213</b>		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment. Used to indicate the Inner-inner package type and quantity. INTTRA RECOMMENDS customer send inner pack for dangerous cargo only when there are multiple DG cargoes in the outer pack.	<b>C</b>	<b>1</b>
	<b>7224</b>	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. Number of Inner-inner Packages. Must only follow an inner or inner-inner pack GID. Note: Must be a valid whole number greater than zero (no commas or decimals). If Package Code (C213:7065) or Package Description (C213:7064) is provided then Number of Packages (C213:7224) must be provided. For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels. For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.	<b>M</b>	<b>n..8</b>
	<b>7065</b>	<b>Package type description code</b> Code specifying the type of package. Two-character UN/ECE recommendation 21, revision 4 package codes. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided. For multiple package level commodity, the Package Code (C213:7065) or	<b>C</b>	<b>an..17</b>

			Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
			For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.		
	<b>1131</b>		<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
			Identification of a code list.		
			If C213, 7065 is populated this element must also be sent.		
			Accepted Values:		
		67	Type of package		
			Indication of the type of package codes.		
	<b>3055</b>		<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
			Code specifying the agency responsible for a code list.		
			If C213, 7065 is populated this element must also be sent.		
			Accepted Values:		
		6	UN/ECE (United Nations - Economic Commission for Europe)		
	<b>7064</b>		<b>Type of packages</b>	<b>C</b>	<b>an..35</b>
			Description of the form in which goods are presented.		
			Package type description.		
			If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.		
			For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.		
			For hazardous commodity, Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided.		
<b>Not Used</b>	<b>7233</b>		<b>Packaging related description code</b>	<b>C</b>	<b>an..3</b>
			Code specifying information related to packaging.		
<b>Not Used</b>	<b>C213</b>		<b>NUMBER AND TYPE OF PACKAGES</b>	<b>C</b>	<b>1</b>
			Number and type of individual parts of a shipment.		
<b>Not Used</b>	<b>7224</b>		<b>Number of packages</b>	<b>C</b>	<b>n..8</b>
			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.		
<b>Not Used</b>	<b>7065</b>		<b>Package type description code</b>	<b>C</b>	<b>an..17</b>
			Code specifying the type of package.		
<b>Not Used</b>	<b>1131</b>		<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
			Identification of a code list.		
<b>Not Used</b>	<b>3055</b>		<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
			Code specifying the agency responsible for a code list.		
<b>Not Used</b>	<b>7064</b>		<b>Type of packages</b>	<b>C</b>	<b>an..35</b>
			Description of the form in which goods are presented.		
<b>Not Used</b>	<b>7233</b>		<b>Packaging related description code</b>	<b>C</b>	<b>an..3</b>
			Code specifying information related to packaging.		
<b>Not Used</b>	<b>C213</b>		<b>NUMBER AND TYPE OF PACKAGES</b>	<b>C</b>	<b>1</b>
			Number and type of individual parts of a shipment.		
<b>Not Used</b>	<b>7224</b>		<b>Number of packages</b>	<b>C</b>	<b>n..8</b>
			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.		

<b>Not Used</b>	<b>7065</b>	<b>Package type description code</b> Code specifying the type of package.	<b>C</b>	<b>an..17</b>
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>	<b>7064</b>	<b>Type of packages</b> Description of the form in which goods are presented.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>7233</b>	<b>Packaging related description code</b> Code specifying information related to packaging.	<b>C</b>	<b>an..3</b>

**Segment:** **PIA** Additional Product Id  
**Position:** 0780  
**Group:** Segment Group 16 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to specify article numbers.

**Semantic Notes:**

**Comments:**

**Notes:**

PIA+5+HARMONIZED CODE:HS

Only one of each type of commodity Id will be processed per GID.

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

This segment is not supported in the IFTMBC Transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4347		<b>PRODUCT ID. FUNCTION QUALIFIER</b> Indication of the function of the product code. Accepted Values: 5 Product identification	M 1 an..3
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	M 1
	7140	<b>Item number</b> A number allocated to a group or item. INTTRA RECOMMENDS customers should not provide dots '.' and blank spaces ' '. US Census Bureau Schedule B number Valid example: 0101905000 Invalid example: 01.019.0500 or Harmonized tariff system code Valid example: 010190 Invalid example: 010.190	M an..35
	7143	<b>Item type identification code</b> Code specifying an item code. Accepted Values: CG Commodity grouping Code for a group of articles with common characteristics	M an..3

(e.g. used for statistical purposes).  
US Census Bureau Schedule B number.

HS Harmonised system

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

Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C	1
Not Used		7140	<b>Item number</b> A number allocated to a group or item.	C	an..35
Not Used		7143	<b>Item type identification code</b> Code specifying an item code.	C	an..3
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C	1
Not Used		7140	<b>Item number</b> A number allocated to a group or item.	C	an..35
Not Used		7143	<b>Item type identification code</b> Code specifying an item code.	C	an..3
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C	1
Not Used		7140	<b>Item number</b> A number allocated to a group or item.	C	an..35
Not Used		7143	<b>Item type identification code</b> Code specifying an item code.	C	an..3
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C	1
Not Used		7140	<b>Item number</b> A number allocated to a group or item.	C	an..35
Not Used		7143	<b>Item type identification code</b> Code specifying an item code.	C	an..3
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3

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

**Notes:** FTX+AAA+++GOODS DESCRIPTION  
 or  
 FTX+CUS++UCN:110:ZZZ+857\_2938476  
  
 INTTRA RECOMMENDS that customers provide at least one of Goods Description or Commodity Id (as defined in the PIA segment ) for each GID sequence.  
  
 INTTRA RECOMMENDS that Goods Description be limited to the Outer Pack level for non-dangerous goods.  
  
 Only 1 segment per GID loop may be sent with Text Subject Code Qualifier of AAA.  
  
 Only 2 segments per GID loop may be sent with Text Subject Code Qualifier of CUS each containing only 1 of Free Text Value Code CCN or UCN.  
  
 Text subject CUS may be sent at other levels in the transaction. CCN and UCN must only appear at one level of the transaction.  
  
 This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4451		<b>TEXT SUBJECT CODE QUALIFIER</b> Code specifying the subject of the text. Accepted Values: AAA Goods description [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term). CUS Customs declaration information Note contains customs declaration information.	M 1 an..3
Not Used	4453	<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C 1 an..3
	C107	<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C 1
	4441	<b>Free text value code</b> Code specifying free form text. This element must be populated when Text Subject Code qualifier (4451) = CUS. Accepted 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.	M an..17

		UCN	Use only when Text Subject Code Qualifier (4451) = CUS Customs Export Declaration Unique Consignment Reference (DUCR) Typically provided by the Exporter or its Agent for shipments departing Great Britain. Use only when Text Subject Code Qualifier (4451) = CUS		
	<b>1131</b>	<b>Code list identification code</b>		<b>M</b>	<b>an..3</b>
		Identification of a code list.			
		Accepted Values:			
		110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment.		
	<b>3055</b>	<b>Code list responsible agency code</b>		<b>M</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.			
		Accepted Values:			
		ZZZ	Mutually defined Defined by INTTRA		
<b>C108</b>		<b>TEXT LITERAL</b>		<b>M</b>	<b>1</b>
		Free text; one to five lines.			
	<b>4440</b>	<b>Free text value</b>		<b>M</b>	<b>an..512</b>
		Free form text.			
		This element must always be populated.			
	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
		Free form text.			
		This element may be populated when Text Subject Code Qualifier (4451) = AAA.			
		This element must not be populated when Text Subject Code Qualifier (4451) = CUS.			
<b>Not Used</b>	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
		Free form text.			
<b>Not Used</b>	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
		Free form text.			
<b>Not Used</b>	<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
		Free form text.			
<b>Not Used</b>	<b>3453</b>	<b>LANGUAGE NAME CODE</b>		<b>C</b>	<b>1 an..3</b>
		Code specifying the language name.			
<b>Not Used</b>	<b>4447</b>	<b>TEXT FORMATTING, CODED</b>		<b>C</b>	<b>1 an..3</b>
		Code specifying the formatting parameters for the text.			

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

**Segment Summary**

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



**Segment:** **MEA** Measurements  
**Position:** 0860 (Trigger Segment)  
**Group:** Segment Group 18 (Measurements)      Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify measurements, other than dimensions, applicable to a goods item.  
**Semantic Notes:**  
**Comments:**  
**Notes:**

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

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

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

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

All weight and volume values must conform to below rules:

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

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

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

#### Data Element Summary

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

		G	Gross weight		
			[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.		
Not Used	6321		<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	C	an..3
Not Used	6155		<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C	an..17
Not Used	6154		<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C	an..70
	C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	M	1
		6411	<b>Measurement unit code</b> Code specifying the unit of measurement.	M	an..3
			Accepted Values:  For Weight: KGM = Kilograms LBR = Pounds  For Volume: FTQ = Cubic feet MTQ = Cubic meters		
		6314	<b>Measurement value</b> Value of the measured unit.	M	an..18
Not Used		6162	<b>Range minimum</b> Minimum of a range.	C	n..18
Not Used		6152	<b>Range maximum</b> Maximum of a range.	C	n..18
Not Used		6432	<b>Significant digits</b> To specify the number of significant digits.	C	n..2
Not Used	7383		<b>SURFACE/LAYER CODE</b> Code specifying the surface or layer of an object.	C	1 an..3

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

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
0890	DIM	Dimensions	M	1	

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

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

INTTRA REQUIRES that the customer send this segment at the outer pack level only.

INTTRA RECOMMENDS customers send this segment only if cargo is OOG.

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

All numeric values must conform to below rules:

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

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

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
6145		<b>DIMENSION QUALIFIER</b>	<b>M 1 an..3</b>
		To specify the dimensions applicable to each of the transportable units.	
		Accepted Values:	
		2 Package dimensions (including goods)	
		The dimension of the goods including the packaging.	
C211		<b>DIMENSIONS</b>	<b>M 1</b>
		Specification of the dimensions of a transportable unit.	
	6411	<b>Measurement unit code</b>	<b>M an..3</b>
		Code specifying the unit of measurement.	
		If this element is populated then at least one of the following must also be sent, (C211, 6168), (C211, 6140), or (C211, 6008).	
		Accepted Values:	
		FET Feet	
		MTR Meter	
	6168	<b>Length dimension</b>	<b>C n..15</b>
		Length of pieces or packages stated for transport purposes.	
	6140	<b>Width dimension</b>	<b>C n..15</b>
		Width of pieces or packages stated for transport purposes.	
	6008	<b>Height dimension</b>	<b>C n..15</b>
		Height of pieces or packages stated for transport purposes.	

**Group:** **RFF** Segment Group 20: Reference  
**Position:** 0910  
**Group:** Segment Group 16 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify references to a goods item.

**Segment Summary**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
0920	RFF	Reference	M	1	
0930	DTM	Date/Time/Period	C	2	

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

**Semantic Notes:**

**Comments:**

**Notes:**

RFF+ABW:COMMODITY SKU NUMBER

or

RFF+ON:PURCHASE ORDER NUMBER

or

RFF+EX:EXPORT LICENSE NUMBER

or

RFF+AKG:4T1BE30K44U797354

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

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

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

INTTRA RECOMMENDS that customers send EX (Export License Number) at this level, only if each commodity has a different export license number.

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) 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.	
		Accepted Values:	
		ABW Stock keeping unit number	
		SKU number	
		AKG Vehicle Identification Number (VIN)	
		The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.	
		EX Export licence number	
		[1208] Reference number assigned by issuing authority to an Export Licence.	
		ON Order number (purchase)	
		[1022] Reference number assigned by the buyer to an order.	
	1154	Reference identifier	M an..35
		Identifies a reference.	

<b>Not Used</b>	<b>1156</b>	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference identifier.	<b>C</b>	<b>an..6</b>
<b>Not Used</b>	<b>4000</b>	<b>Reference version identifier</b> To identify the version of a reference.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>1060</b>	<b>Revision number</b> To specify a revision number.	<b>C</b>	<b>an..6</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0930  
**Group:** Segment Group 20 (Reference) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to indicate date and time relating to the reference.

**Semantic Notes:**

**Comments:**

**Notes:**

DTM+182:20071224:102

or

DTM+36:20080715:102

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Notes:**

- this DTM is used only for Export License Dates and must immediately follow Export License number (segment RFF C506, 1153 = "EX").
- Issue date must not be more than 2 years prior to current Date.
- Expiration date must not be more than 2 years after current Date.
- If sent, Date must 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		<b>DATE/TIME/PERIOD</b>	<b>M 1</b>
		Date and/or time, or period relevant to the specified date/time/period type.	
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a date, time or period.	
		<b>Accepted Values:</b>	
		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.
	<b>2380</b>	<b>Date/time/period value</b>	<b>M an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.	
	<b>2379</b>	<b>Date/time/period format code</b>	<b>M an..3</b>
		Code specifying the representation of a date, time or period.	
		<b>Accepted Values:</b>	
		102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.



**Group:** **SGP** Segment Group 25: Split Goods Placement  
**Position:** 1070  
**Group:** Segment Group 16 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify the distribution of a goods item among the transport equipment.

**Segment Summary**

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

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

**Semantic Notes:**

**Comments:**

**Notes:**

SGP+AAAA1234567+24

or

SGP+01+24

This segment is not supported in the IFTMBC Transaction.

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

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

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

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

Notes:

- MEA segments under the SGP should report the weight and if available, volume of the commodity within that container.
- In the case of Split Goods (same commodity within multiple containers), the SGP segment must repeat within the GID set for each container.
- A container number can appear only once per GID set.
- Each distinct container number listed in an SGP (element C237, 8260) must have a matching container number in an EQD segment.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C237		<b>EQUIPMENT IDENTIFICATION</b>	<b>M</b>	<b>1</b>
		Marks (letters/numbers) identifying equipment.		
	<b>8260</b>	<b>Equipment identification number</b>	<b>M</b>	<b>an..17</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.		
		Container number (actual or logical).		
Not Used	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
Not Used	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
Not Used	<b>3207</b>	<b>Country name code</b>	<b>C</b>	<b>an..3</b>
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		

7224

**NUMBER OF PACKAGES**

**C 1 n..8**

Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.

Number of outer packages in the container (must be a valid whole number with no decimal or commas).

**Group:** **MEA** Segment Group 26: Measurements  
**Position:** 1090  
**Group:** Segment Group 25 (Split Goods Placement) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to identify measurements.

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
1100	MEA	Measurements	M	1	

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

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

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

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

- Outer Pack GID commodity weight (0860 MEA segment).
- SGP container weight (provided in this segment).
- Container weight (1300 MEA segment).

All numeric values must conform to below rules:

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

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

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

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
<b>6311</b>		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute.	<b>M 1 an..3</b>
<b>Accepted Values:</b>			
	AAE	Measurement [6314] Value of the measured unit.	
<b>C502</b>		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	<b>M 1</b>
	<b>6313</b>	<b>Measured attribute code</b> Code specifying the attribute measured.	<b>M an..3</b>
<b>Accepted Values:</b>			
	AAW	Gross volume The observed volume unadjusted for factors such as temperature or gravity.	
	G	Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	
<b>Not Used</b>	<b>6321</b>	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	<b>C an..3</b>

Not Used		<b>6155</b>	<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C	an..17
Not Used		<b>6154</b>	<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C	an..70
	<b>C174</b>		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	M	1
		<b>6411</b>	<b>Measurement unit code</b> Code specifying the unit of measurement. Accepted Values:  For Weight: KGM = Kilograms LBR = Pounds  For Volume: FTQ = Cubic feet MTQ = Cubic meters	M	an..3
		<b>6314</b>	<b>Measurement value</b> Value of the measured unit.	M	an..18
Not Used		<b>6162</b>	<b>Range minimum</b> Minimum of a range.	C	n..18
Not Used		<b>6152</b>	<b>Range maximum</b> Maximum of a range.	C	n..18
Not Used		<b>6432</b>	<b>Significant digits</b> To specify the number of significant digits.	C	n..2
Not Used	<b>7383</b>		<b>SURFACE/LAYER CODE</b> Code specifying the surface or layer of an object.	C	1 an..3

**Group:** **DGS** Segment Group 27: Dangerous Goods  
**Position:** 1120  
**Group:** Segment Group 16 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify dangerous goods details related to the goods item. One goods item may be in different dangerous goods classes.

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

**Segment:** **DGS** Dangerous Goods  
**Position:** 1130 (Trigger Segment)  
**Group:** Segment Group 27 (Dangerous Goods) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate the class of dangerous goods, packing group, etc.  
**Semantic Notes:**  
**Comments:**  
**Notes:** DGS+IMD+3.2:23-2:003+4056+43.3:CEL+2+EMSNBR++345++1.2:3.1

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

Note:

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

Flash Point Temperature must conform to below rules:

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

See Dangerous Goods in the Customer IFTMBF Appendix for detailed instructions and examples of Dangerous Goods Detail format.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
8273		<b>DANGEROUS GOODS REGULATIONS CODE</b> Code specifying a dangerous goods regulation.	<b>M 1 an..3</b>
Accepted Values:			
	IMD	IMO IMDG code Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.	
C205		<b>HAZARD CODE</b> The identification of the dangerous goods in code.	<b>M 1</b>
	8351	<b>Hazard code identification</b> Dangerous goods code.	<b>M an..7</b>



	<b>8078</b>	<b>Hazard substance/item/page number</b>	<b>C</b>	<b>an..7</b>
		Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.		
	<b>8092</b>	<b>Hazard code version number</b>	<b>C</b>	<b>an..10</b>
		The version/revision number of date of issuance of the code used.		
<b>C234</b>		<b>UNDG INFORMATION</b>	<b>M</b>	<b>1</b>
		Information on dangerous goods, taken from the United Nations Dangerous Goods classification.		
	<b>7124</b>	<b>UNDG number</b>	<b>M</b>	<b>n4</b>
		Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.		
		This element is Mandatory for INTTRA.		
<b>Not Used</b>	<b>7088</b>	<b>Dangerous goods flashpoint</b>	<b>C</b>	<b>an..8</b>
		Lowest temperature, in the case of dangerous goods, at which vapor from an inflammable liquid forms an ignitable mixture with air.		
<b>C223</b>		<b>DANGEROUS GOODS SHIPMENT FLASHPOINT</b>	<b>C</b>	<b>1</b>
		Temperature at which a vapor can be ignited as per ISO 1523/73.		
	<b>7106</b>	<b>Shipment flashpoint</b>	<b>M</b>	<b>n3</b>
		Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapor is given off that can be ignited.		
	<b>6411</b>	<b>Measurement unit code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the unit of measurement.		
		Accepted Values:		
		CEL Celsius		
		FAH Fahrenheit		
<b>8339</b>		<b>PACKING GROUP, CODED</b>	<b>C</b>	<b>1 an..3</b>
		Identification of a packing group by code.		
		Accepted Values:		
		1 Great danger Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations.		
		2 Medium danger Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IDMG/ADR/RID regulations.		
		3 Minor danger Packaging meeting criteria to pack hazardous materials with minor danger. Group III according to IATA/IDMG/ADR/RID regulations.		
	<b>8364</b>	<b>EMS NUMBER</b>	<b>C</b>	<b>1 an..6</b>
		Emergency procedures for ships carrying dangerous goods.		
<b>Not Used</b>	<b>8410</b>	<b>MFAG</b>	<b>C</b>	<b>1 an..4</b>
		Medical first aid guide.		
	<b>8126</b>	<b>TREM CARD NUMBER</b>	<b>C</b>	<b>1 an..10</b>
		The identification of a transport emergency card giving advice for emergency actions.		
<b>Not Used</b>	<b>C235</b>	<b>HAZARD IDENTIFICATION PLACARD DETAILS</b>	<b>C</b>	<b>1</b>
		These numbers appear on the hazard identification placard required on the means of transport.		
<b>Not Used</b>	<b>8158</b>	<b>Hazard identification number, upper part</b>	<b>C</b>	<b>an..4</b>
		The id. number for the Orange Placard (upper part) required on the means of transport.		

Not Used	8186	<b>Substance identification number, lower part</b>	C	an.4	The number for the Orange Placard (lower part) required on the means of transport.
	C236	<b>DANGEROUS GOODS LABEL</b>	C	1	Markings identifying the type of hazardous goods and similar information.
	8246	<b>Dangerous goods label marking</b>	M	an.4	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. 2nd IMO code
					Used if more than one IMO class applies to the dangerous commodity.
	8246	<b>Dangerous goods label marking</b>	C	an.4	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. 3rd IMO code
					Used if more than two IMO classes apply to the dangerous commodity.
Not Used	8246	<b>Dangerous goods label marking</b>	C	an.4	Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.
Not Used	8255	<b>PACKING INSTRUCTION, CODED</b>	C	1 an..3	Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.
Not Used	8325	<b>CATEGORY OF MEANS OF TRANSPORT, CODED</b>	C	1 an..3	Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous.
Not Used	8211	<b>PERMISSION FOR TRANSPORT, CODED</b>	C	1 an..3	Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport.

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

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AAD++PSN:122:ZZZ+PROPER DANGEROUS SHIPPING NAME

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

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 a Cancellation (0020 BGM 1225 = 1) transaction.

Examples of other DGS/FTX segments.

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

FTX+AAD++TLQ:122:ZZZ

FTX+AAC+++DANGEROUS GOODS ADDITIONAL INFORMATION

FTX+AAC++P:122:ZZZ

FTX+AAC++GAS:122:ZZZ

FTX+HAN++4:122:ZZZ

FTX+AEP+++RADIOACTIVE ADDITIONAL INFORMATION

FTX+PKG++6HA1:183:ZZZ

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4451		<b>TEXT SUBJECT CODE QUALIFIER</b> Code specifying the subject of the text. Accepted Values:	<b>M 1 an..3</b>
		AAC Dangerous goods additional information Additional information concerning dangerous goods. Used for General Haz Mat comments.	
		AAD Dangerous goods, technical name Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature.	
		AEP Radioactive goods, additional information Additional information related to radioactive goods.	
		HAN Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.	
		HAZ Hazard information Information pertaining to a hazard. Used to indicate the Haz Mat Placard (explosive, flammable, etc.).	
		PKG Packaging information Note contains packaging information. Should only contain IBC (intermediate bulk container code).	
		REG Regulatory information The free text contains information for regulatory authority.	
<b>Not Used</b>	<b>4453</b>	<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	<b>C 1 an..3</b>
	<b>C107</b>	<b>TEXT REFERENCE</b> 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).	<b>C 1</b>
	<b>4441</b>	<b>Free text value code</b> Code specifying free form text. When text subject code (4451) = PKG this element must contain IBC (intermediate bulk container code). This element must be sent when text subject code (4451) = AAD, HAN or PKG. This element must not be sent when text subject code (4451) = AEP, HAZ or REG. This element may be sent when text subject code (4451) = AAC. Accepted Values:	<b>M an..17</b>

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

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

Identification of a code list.

Accepted Values:

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

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

Code specifying the agency responsible for a code list.

Accepted Values:

ZZZ	Mutually defined Defined by INTTRA
-----	---------------------------------------

**C108 TEXT LITERAL C 1**

Free text; one to five lines.

	<b>4440</b>	<b>Free text value</b>	<b>M</b>	<b>an..512</b>
		Free form text.		
		This element must be populated when Text Subject Code Qualifier (4451) = AEP, HAZ, or REG.		
		This element must be populated when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated.		
		This element must be populated when Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = PSN or TN.		
		This element must NOT be populated when Text Subject Code Qualifier (4451) = HAN or PKG.		
		This element must NOT be populated when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is populated.		
		This element must NOT be populated when Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = TLQ.		
	<b>4440</b>	<b>Free text value</b>	<b>C</b>	<b>an..512</b>
		Free form text.		
		This element may be populated when Text Subject Code Qualifier (4451) = AEP, HAZ, or REG.		
		This element may be populated when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated.		
		This element must NOT be populated when Text Subject Code Qualifier (4451) = AAC, HAN or PKG and Text Value Code (C107, 4441) is populated.		
		This element must NOT be populated when Text Subject Code Qualifier (4451) = AAD and Text Value Code (C107, 4441) = TLQ.		
<b>Not Used</b>	<b>4440</b>	<b>Free text value</b>	<b>C</b>	<b>an..512</b>
		Free form text.		
<b>Not Used</b>	<b>4440</b>	<b>Free text value</b>	<b>C</b>	<b>an..512</b>
		Free form text.		
<b>Not Used</b>	<b>4440</b>	<b>Free text value</b>	<b>C</b>	<b>an..512</b>
		Free form text.		
<b>Not Used</b>	<b>3453</b>	<b>LANGUAGE NAME CODE</b>	<b>C</b>	<b>1 an..3</b>
		Code specifying the language name.		
<b>Not Used</b>	<b>4447</b>	<b>TEXT FORMATTING, CODED</b>	<b>C</b>	<b>1 an..3</b>
		Code specifying the formatting parameters for the text.		

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

**Segment Summary**

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

**Segment:** **CTA Contact Information**  
**Position:** 1160 (Trigger Segment)  
**Group:** Segment Group 28 (Contact Information)      Optional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department.

**Semantic Notes:**

**Comments:**

**Notes:**

CTA+HE+:EMERGENCY CONTACT

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
3139		<b>CONTACT FUNCTION CODE</b>	M	1 an..3
		Code specifying the function of a contact (e.g. department or person).		
		Accepted Values:		
		HE		Emergency dangerous goods contact Party who is to be contacted to intervene in case of emergency.
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	M	1
		Code and/or name of a department or employee. Code preferred.		
Not Used	3413	<b>Department or employee identification</b>	C	an..17
		Internal identification code.		
	3412	<b>Department or employee</b>	M	an..35
		The department or person within an organizational entity.		
		Emergency Contact Name		



**Segment:** **COM** **Communication Contact**  
**Position:** 1170  
**Group:** Segment Group 28 (Contact Information)      Optional (Optional)  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a communication number of a person or department.

**Semantic Notes:**

**Comments:**

**Notes:**

COM+975 345 9988:TE

INTTRA RECOMMENDS that customers include a DGS Communication Number when GID level DGS information is provided.

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M 1</b>
		Communication number of a department or employee in a specified channel.	
	<b>3148</b>	<b>Communication number</b>	<b>M an..512</b>
		The communication number.	
		Emergency contact phone number.	
		Note:	
		- INTTRA RECOMMENDS this not be an 800 number.	
	<b>3155</b>	<b>Communication number code qualifier</b>	<b>M an..3</b>
		Code qualifying the communication number.	
		Accepted Values:	
		TE                      Telephone	
		Voice/data transmission by telephone.	
		Must not be populated with spaces and/or dots alone.	

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

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
1190	MEA	Measurements	M	1	

**Segment:** **MEA** Measurements  
**Position:** 1190 (Trigger Segment)  
**Group:** Segment Group 29 (Measurements)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify measurements of the dangerous goods.

**Semantic Notes:**

**Comments:**

**Notes:**

MEA+AAE+AAF+KGM:3000.135  
 or  
 MEA+AAE+AAX+MTQ:30.0654  
 or  
 MEA+AAE+AAX+LTR:148.457  
 or  
 MEA+AAE+AEO+MBQ:7.55  
 or  
 MEA+AAE+ZZZ+PIW:26.3

INTTRA RECOMMENDS that customers send explosive weight for Class 1 Dangerous Goods in net net weight.

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

Numeric values must conform to below rules:

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

1. Weight, Radioactivity, and Acid concentration: Maximum 3 digits of precision allowed.

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

2. Volume: Maximum 4 digits of precision allowed:

examples: valid - "1000.1234" invalid - "1,000.1234", "1.000,1234"

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
6311		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute.	M 1 an..3
Accepted Values:			
	AAE	Measurement [6314] Value of the measured unit.	
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	M 1
	6313	<b>Measured attribute code</b> Code specifying the attribute measured.	M an..3
Accepted 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		
Not Used		6321	<b>Measurement significance, coded</b>	C	an..3
			Code specifying the significance of a measurement value.		
Not Used		6155	<b>Non-discrete measurement name code</b>	C	an..17
			Code specifying the name of a non-discrete measurement.		
Not Used		6154	<b>Non-discrete measurement name</b>	C	an..70
			Name of a non-discrete measurement.		
	C174		<b>VALUE/RANGE</b>	M	1
			Measurement value and relevant minimum and maximum values of the measurement range.		
		6411	<b>Measurement unit code</b>	M	an..3
			Code specifying the unit of measurement.		
			If C174, 6314 is populated this element must also be sent.		
			Accepted 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	<b>Measurement value</b>	M	an..18
			Value of the measured unit.		
			If provided then C174, 6411 must also be sent.		
Not Used		6162	<b>Range minimum</b>	C	n..18
			Minimum of a range.		
Not Used		6152	<b>Range maximum</b>	C	n..18
			Maximum of a range.		
Not Used		6432	<b>Significant digits</b>	C	n..2
			To specify the number of significant digits.		
Not Used	7383		<b>SURFACE/LAYER CODE</b>	C	1 an..3
			Code specifying the surface or layer of an object.		

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

**Segment Summary**

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

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

**Semantic Notes:**

**Comments:**

**Notes:**

SGP+AAAA1234567+24

or

SGP+01+24

This segment is not supported in the IFTMBC Transaction.

This segment should only be sent if DGS segment is filled.

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

Notes:

- in the case of Split Goods (same dangerous commodity within multiple containers), the SGP segment must repeat within the DGS group for each container.
- A container number can appear only once per DGS line.
- Each distinct container number listed in an SGP (composite element C237 8260) must have a matching container number in an EQD segment.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used		<b>EQUIPMENT IDENTIFICATION</b>	<b>M 1</b>
		Marks (letters/numbers) identifying equipment.	
	<b>8260</b>	<b>Equipment identification number</b>	<b>M an..17</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.	
	<b>1131</b>	<b>Code list identification code</b>	<b>C an..3</b>
Not Used	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
		Code specifying the agency responsible for a code list.	
Not Used	<b>3207</b>	<b>Country name code</b>	<b>C an..3</b>
		Identification of the name of the country or other geographical entity as specified in ISO 3166.	
7224		<b>NUMBER OF PACKAGES</b>	<b>C 1 n..8</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
		Number of packages of dangerous commodity in container (must be a valid whole number with no decimal or commas).	

**Group:** **MEA** Segment Group 31: Measurements  
**Position:** 1230  
**Group:** Segment Group 30 (Split Goods Placement) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to identify dangerous goods measurements.

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
1240	MEA	Measurements	M	1	

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

**Semantic Notes:**

**Comments:**

**Notes:**

MEA+AAE+AAF+KGM:3000.135  
 or  
 MEA+AAE+AAX+MTQ:30.0654  
 or  
 MEA+AAE+AAX+LTR:148.457

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

Weight and volume values must conform to below rules:

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

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

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

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
<b>6311</b>		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute.	<b>M 1 an..3</b>
<b>Accepted Values:</b>			
	<b>AAE</b>	Measurement [6314] Value of the measured unit.	
<b>C502</b>		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	<b>M 1</b>
	<b>6313</b>	<b>Measured attribute code</b> Code specifying the attribute measured.	<b>M an..3</b>
<b>Accepted Values:</b>			
	<b>AAF</b>	Net net weight [6048] Weight (mass) of the goods themselves without any packing.	
	<b>AAX</b>	Net volume The observed volume after adjustment for factors such as temperature or gravity.	
<b>Not Used</b>	<b>6321</b>	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	<b>C an..3</b>



Not Used		<b>6155</b>	<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C	an..17
Not Used		<b>6154</b>	<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C	an..70
	<b>C174</b>		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	M	1
		<b>6411</b>	<b>Measurement unit code</b> Code specifying the unit of measurement. Accepted Values:  For Weight KGM = Kilograms LBR = Pounds  For Volume (other than liquid): FTQ = Cubic feet MTQ = Cubic meters  For Volume (liquid) GAL = Gallons LTR = Liters	M	an..3
		<b>6314</b>	<b>Measurement value</b> Value of the measured unit.	M	an..18
Not Used		<b>6162</b>	<b>Range minimum</b> Minimum of a range.	C	n..18
Not Used		<b>6152</b>	<b>Range maximum</b> Maximum of a range.	C	n..18
Not Used		<b>6432</b>	<b>Significant digits</b> To specify the number of significant digits.	C	n..2
Not Used	<b>7383</b>		<b>SURFACE/LAYER CODE</b> Code specifying the surface or layer of an object.	C	1 an..3

**Group:** **EQD** Segment Group 32: Equipment Details  
**Position:** 1260  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify equipment in which goods are transported.

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

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

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

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

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

INTTRA RECOMMENDS customers send equipment supplier.

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

Notes:

- If GID/SGP segment is sent there must be an EQD segment with a matching equipment number (element C237, 8260).

#### Data Element Summary

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

	<b>3055</b>	<b>Code list responsible agency code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		Accepted Values:		
		<i>ZZZ</i> Mutually defined		
		Defined by INTTRA.		
<b>Not Used</b>	<b>3207</b>	<b>Country name code</b>	<b>C</b>	<b>an..3</b>
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		
<b>C224</b>		<b>EQUIPMENT SIZE AND TYPE</b>	<b>M</b>	<b>1</b>
		Code and or name identifying size and type of equipment. Code preferred.		
	<b>8155</b>	<b>Equipment size and type description code</b>	<b>M</b>	<b>an..10</b>
		Code specifying the size and type of equipment.		
		See Equipment Type Code List Supplement of this document for a list of ISO Container Group codes and all ISO Container Type codes supported in INTTRA Link Booking 2.0 application. Container ISO codes may be converted to ISO Group codes when Booking 2.0 transactions are displayed in INTTRA Act or INTTRA Desktop and prior to their transmission under Customer or Carrier preference control.'		
		Set temperature (segment TMP) or non-active flag (segment HAN) must be sent for any container designated as a reefer.		
		Set temperature (segment TMP) or non-active flag (segment HAN) may also be sent for equipment designated as Hybrid (e.g. tanks).		
	<b>1131</b>	<b>Code list identification code</b>	<b>M</b>	<b>an..3</b>
		Identification of a code list.		
		Accepted Values:		
		102 Size and type		
	<b>3055</b>	<b>Code list responsible agency code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
		Accepted Values:		
		5 ISO (International Organization for Standardization)		
	<b>8154</b>	<b>Equipment size and type description</b>	<b>C</b>	<b>an..35</b>
		Free form description of the size and type of equipment.		
		Used for equipment description.		
	<b>8077</b>	<b>EQUIPMENT SUPPLIER, CODED</b>	<b>C</b>	<b>1 an..3</b>
		To indicate the party that is the supplier of the equipment.		
		Accepted Values:		
		1 Shipper supplied		
		The transport equipment is supplied by the shipper.		
		2 Carrier supplied		
		The transport equipment is supplied by the carrier.		
<b>Not Used</b>	<b>8249</b>	<b>EQUIPMENT STATUS CODE</b>	<b>C</b>	<b>1 an..3</b>
		Code specifying the status of equipment.		
	<b>8169</b>	<b>FULL/EMPTY INDICATOR, CODED</b>	<b>C</b>	<b>1 an..3</b>
		To indicate the extent to which the equipment is full or empty.		
		This indicator is to reflect the status of the container when shipped.		
		Accepted Values:		
		4 Empty		
		5 Full		

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

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

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

If container number (EQD element C237, 8260) is provided then number of units (C523, 6350) must be 1.

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

#### Data Element Summary

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

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

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

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

INTTRA RECOMMENDS that the value for Movement Type Description code (C219, 8335) be the same for all TMD segments in the transaction.

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C219		<b>MOVEMENT TYPE</b> Description of type of service for movement of cargo.	C 1
	8335	<b>Movement type description code</b> Code specifying a type of movement.	C an..3
Accepted 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.	
Not Used	8334	<b>Movement type description</b> Free form description of a type of movement.	C an..35
Not Used	8332	<b>EQUIPMENT PLAN</b> Description indicating equipment plan, e.g. FCL or LCL.	C 1 an..26
	8341	<b>HAULAGE ARRANGEMENTS, CODED</b> Specification of the type of equipment haulage arrangements.	M 1 an..3
Accepted Values:			
	CC	Carrier haulage at export, Carrier haulage at import	
	CM	Carrier haulage at export, Merchant haulage at import	
	MC	Merchant haulage at export, Carrier haulage at import	
	MM	Merchant haulage at export, Merchant haulage at import	

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

**Semantic Notes:**

**Comments:**

**Notes:**

MEA+AAE+AAL+KGM:9080.089

or

MEA+AAE+AAX+MTQ:81.2519

or

MEA+AAE+AAS+CBM:481.25

or

MEA+AAE+AAO+HMD:34.2

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

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

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

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

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

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

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

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

1. Air flow and Humidity: 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:

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
6311		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute.	M	1 an..3
Accepted Values:				
	AAE	Measurement [6314] Value of the measured unit.		
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	M	1
	6313	<b>Measured attribute code</b> Code specifying the attribute measured.	M	an..3
Accepted Values:				
	AAL	Net weight [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale. Total weight of commodity(s) in the container(s).		
	AAO	Humidity Humidity per container.		
	AAS	Air flow Airflow per container.		
	AAX	Net volume The observed volume after adjustment for factors such as temperature or gravity. Total volume of commodity(s) in the container(s).		
	ZC	Carbon Carbon Dioxide Gas Level		
	ZN	Nitrogen Nitrogen Gas Level		
	ZO	Oxygen Oxygen Gas Level		
Not Used	6321	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value.	C	an..3
Not Used	6155	<b>Non-discrete measurement name code</b> Code specifying the name of a non-discrete measurement.	C	an..17
Not Used	6154	<b>Non-discrete measurement name</b> Name of a non-discrete measurement.	C	an..70
C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum values of the measurement range.	M	1
	6411	<b>Measurement unit code</b> Code specifying the unit of measurement.	M	an..3
Accepted Values:				
For Weight: KGM = Kilograms LBR = Pounds				
For Volume: FTQ = Cubic Feet MTQ = Cubic Meters				



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

Humidity:  
 HMD = Percent of moisture in the Air.

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

	<b>6314</b>	<b>Measurement value</b>	<b>M</b>	<b>an..18</b>
		Value of the measured unit.		
		Used to indicate the Weight, Volume, Humidity, Airflow or Atmosphere		
<b>Not Used</b>	<b>6162</b>	<b>Range minimum</b>	<b>C</b>	<b>n..18</b>
		Minimum of a range.		
<b>Not Used</b>	<b>6152</b>	<b>Range maximum</b>	<b>C</b>	<b>n..18</b>
		Maximum of a range.		
<b>Not Used</b>	<b>6432</b>	<b>Significant digits</b>	<b>C</b>	<b>n..2</b>
		To specify the number of significant digits.		
<b>Not Used</b>	<b>7383</b>	<b>SURFACE/LAYER CODE</b>	<b>C</b>	<b>1 an..3</b>
		Code specifying the surface or layer of an object.		

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

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

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

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

All numeric values must conform to below rules:

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

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

#### Data Element Summary

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

**6008 Height dimension**

**C**

**n..15**

Height of pieces or packages stated for transport purposes.

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

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

This segment must 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)).

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C524		<b>HANDLING INSTRUCTIONS</b>	<b>M</b>	<b>1</b>
		Instruction for the handling of goods, products or articles in shipment, storage etc.		
	<b>4079</b>	<b>Handling instructions, coded</b>	<b>M</b>	<b>an..3</b>
		Identification of the instructions on how specified goods, packages or containers should be handled.		
		Accepted Values:		
		NAR	Non-Active Reefer	
			Indicates that a reefer container is to be moved without the refrigeration unit being activated.	
Not Used	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
Not Used	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
Not Used	<b>4078</b>	<b>Handling instructions</b>	<b>C</b>	<b>an..70</b>
		Instructions on how specified goods, packages or containers should be handled.		
Not Used	<b>C218</b>	<b>HAZARDOUS MATERIAL</b>	<b>C</b>	<b>1</b>
		To specify a hazardous material.		
Not Used	<b>7419</b>	<b>Hazardous material class code, identification</b>	<b>C</b>	<b>an..4</b>
		Code specifying the kind of hazard for a material.		
Not Used	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
Not Used	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
Not Used	<b>7418</b>	<b>Hazardous material class</b>	<b>C</b>	<b>an..35</b>
		To specify the kind of hazard for a material.		

**Segment:** **TMP** Temperature  
**Position:** 1340  
**Group:** Segment Group 32 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify a temperature setting for the equipment.  
**Semantic Notes:**  
**Comments:**  
**Notes:** TMP+2+003:CEL

INTTRA RECOMMENDS that set temperature (C239, 6411) be the same for all TMP segments in the transaction. However, if different temperatures are sent in the TMP segments, transaction will be processed provided that the carrier is configured to accept multiple temperatures. If the carrier is not configured to accept multiple temperature settings, the transaction will be failed.

INTTRA RECOMMENDS that customers provide SGP information when sending multiple container temperature settings.

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

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

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

See Controlled Equipment in Customer IFTMBF Appendix for detailed instructions and examples of Controlled Equipment Detail format.

Set Temperature must conform to below rules:

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

Valid examples:

005, -005, -05.5, 55.2, 45.0

Invalid examples:

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

**Data Element Summary**

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

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

**Semantic Notes:**

**Comments:**

**Notes:**

FTX+AGK+++EQUIPMENT COMMENTS

or

FTX+SSR++FMG:130:ZZZ

or

FTX+SSR++CLN:130:ZZZ

or

FTX+AEB+++REEFER COMMENTS

or

FTX+HAN++SAD:130:ZZZ

or

FTX+AEB++NTP:130:ZZZ+6

or

FTX+CUS++UCN:110:ZZZ+857\_2938476

or

FTX+AEB++ECA:130:ZZZ

or

FTX+AEB++ICT:130:ZZZ

or

FTX+AEB++HUM:130:ZZZ

Only 1 segment per EQD loop may be sent with Text Subject Code Qualifier of AGK.

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

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

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

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

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

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

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4451		<b>TEXT SUBJECT CODE QUALIFIER</b> Code specifying the subject of the text. Accepted Values:	<b>M 1 an..3</b>
		AEB Temperature control instructions Instruction regarding the temperature control of the cargo.	
		AGK Equipment Description of equipment. Used to indicate equipment comments (for information purposes only).	
		CUS Customs declaration information Note contains customs declaration information.	
		HAN Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.	
		SSR Special service request Request for a special service concerning the transport of the goods.	
Not Used	4453	<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	<b>C 1 an..3</b>
	C107	<b>TEXT REFERENCE</b> 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) must only be sent when a reefer or hybrid (e.g., tank) container type is requested (1270 EQD C224, 8155) and a set temperature has been supplied (1340 TMP C239, 6246) in the container group (EQD loop). INTRA RECOMMENDS customers only send ICP (number of USD probes) when ICT (in transit cold sterilization flag) is also provided. INTRA RECOMMENDS to customers when ECA (equipment controlled atmosphere flag) is provided that customers send carbon dioxide, nitrogen, and oxygen gas measurements (1300 MEA C502, 6313 = ZC, ZN and ZO). INTRA RECOMMENDS to customers when HUM (humidity flag) is provided that customers send humidity measurement (1300 MEA C502, 6313 = AAO). INTRA RECOMMENDS to customers when VTO (vent open flag) is provided that customers send air flow measurement (1300 MEA C502, 6313 = AAS). VTC (vent closed) and VTO (vent open) are mutually exclusive. SAD (stow above deck) and SBD (stow below deck) are mutually exclusive. ECA (equipment controlled atmosphere) and VTO (vent open) are mutually exclusive.	<b>C 1</b>



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

Code specifying free form text.

**Accepted 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. Use only when Text Subject Code Qualifier (4451) = CUS.
CLN	Equipment must be cleaned Use only when text subject code (4451) = SSR.
ECA	Equipment controlled atmosphere Use only when Text Subject Code Qualifier (4451) = AEB.
FGE	Food grade equipment requested Use only when Text Subject Code Qualifier (4451) = SSR.
FMG	Fumigation is required Use only when Text Subject Code Qualifier (4451) = SSR.
FRZ	Super freezer service Use only when Text Subject Code Qualifier (4451) = AEB.
GEN	Genset required Use only when Text Subject Code Qualifier (4451) = AEB.
GOH	Garment on hanger Use only when Text Subject Code Qualifier (4451) = SSR.
HTE	Heavy weight tested equipment requested Use only when Text Subject Code Qualifier (4451) = SSR.
HUM	Humidity Use only when Text Subject Code Qualifier (4451) = AEB.
ICP	Number of USD probes for ICT service Use only when Text Subject Code Qualifier (4451) = AEB.
ICT	In transit cold sterilization Use only when Text Subject Code Qualifier (4451) = AEB.
NTP	Number of temperature probes requested Use only when Text Subject Code Qualifier (4451) = AEB.
SAD	Stow above deck Use only when Text Subject Code Qualifier (4451) = HAN.
SBD	Stow below deck Use only when Text Subject Code Qualifier (4451) = HAN.
SWP	Equipment must be swept Use only when Text Subject Code Qualifier (4451) = SSR.
TVA	Temperature variance Use only when Text Subject Code Qualifier (4451) =

	UCN	AEB. Customs Export Declaration Unique Consignment Reference (DUCR) Typically provided by the Exporter or its Agent for shipments departing Great Britain.  Use only when Text Subject Code Qualifier (4451) = CUS.		
	VTC	Vent closed  Use only when Text Subject Code Qualifier (4451) = AEB.		
	VTO	Vent open  Use only when Text Subject Code Qualifier (4451) = AEB.		
<b>1131</b>	<b>Code list identification code</b>		<b>M</b>	<b>an..3</b>
	Identification of a code list.			
	Accepted Values:			
	110	Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment. Must be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107,4441) = UCN or CCN.		
	130	Special handling Code to indicate that the nature of the consignment may necessitate use of special handling procedures (IATA). Must 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.		
<b>3055</b>	<b>Code list responsible agency code</b>		<b>M</b>	<b>an..3</b>
	Code specifying the agency responsible for a code list.			
	Accepted Values:			
	ZZZ	Mutually defined Defined by INTTRA		
<b>C108</b>	<b>TEXT LITERAL</b>		<b>C</b>	<b>1</b>
	Free text; one to five lines.			
<b>4440</b>	<b>Free text value</b>		<b>M</b>	<b>an..512</b>
	Free form text.			
	This element must be populated when Text Subject Qualifier (4451) = AEB and Free Text Value Code C107, 4441) is not populated or populated with one of the following codes; ICP NTP or TVA. or When Text Subject Qualifier (4451) = CUS and Free Text Value Code C107, 4441) is populated with one of the following codes; CCN or UCN. or When Text Subject Qualifier (4451) = AGK and Free Text Value Code C107, 4441) is not populated.			
<b>4440</b>	<b>Free text value</b>		<b>C</b>	<b>an..512</b>
	Free form text.			

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

Not Used	4440	<b>Free text value</b> Free form text.	C	an..512
Not Used	4440	<b>Free text value</b> Free form text.	C	an..512
Not Used	4440	<b>Free text value</b> Free form text.	C	an..512
Not Used	3453	<b>LANGUAGE NAME CODE</b> Code specifying the language name.	C	1 an..3
Not Used	4447	<b>TEXT FORMATTING, CODED</b> Code specifying the formatting parameters for the text.	C	1 an..3

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

**Semantic Notes:**

**Comments:**

**Notes:**

RFF+AEF:CUSTOMER LOAD REFERENCE

or

RFF+ON:PURCHASE ORDER NUMBER

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

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C506		<b>REFERENCE</b>	<b>M 1</b>
		Identification of a reference.	
	<b>1153</b>	<b>Reference function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a reference segment or a reference number.	
		Accepted Values:	
		AEF Customer process specification number Retrieval number for a process specification defined by customer. Customer Load Reference	
		AKG Vehicle Identification Number (VIN) The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.	
		ON Order number (purchase) [1022] Reference number assigned by the buyer to an order.	
	<b>1154</b>	<b>Reference identifier</b>	<b>M an..35</b>
		Identifies a reference.	
Not Used	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>
		Number of the line in the document/message referenced in 1154 Reference identifier.	
Not Used	<b>4000</b>	<b>Reference version identifier</b>	<b>C an..35</b>
		To identify the version of a reference.	
Not Used	<b>1060</b>	<b>Revision number</b>	<b>C an..6</b>
		To specify a revision number.	

**Group:** **NAD** Segment Group 33: Name and Address  
**Position:** 1370  
**Group:** Segment Group 32 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify different equipment pick-up or drop-off places.

**Segment Summary**

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

**Segment:** **NAD** Name and Address  
**Position:** 1380 (Trigger Segment)  
**Group:** Segment Group 33 (Name and Address)      Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify a pick-up or drop-off address.

**Semantic Notes:**

**Comments:**

**Notes:**

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

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

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

INTTRA will not attempt to derive party codes if not provided by the customer.

With respect to name and address, INTTRA will provide to the carrier what the customer sent.

For non-INTTRA parties details such as name and address will be sent to the Carrier if provided in the Booking transaction. For INTTRA registered parties, if name and/or address are not sent in the Booking transaction, name and address from INTTRA's database will be provided at Carrier's request (Carrier preference setting).

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

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

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

INTTRA RECOMMENDS customers send Intermediate Export Stop Offs (CL) only when Carrier Haulage at Export is being requested (TMD 8341 = CC or CM).

INTTRA RECOMMENDS customers send Empty Container Pick Up Location (CK) only when Merchant Haulage at Export is being requested (TMD 8341 = MM or MC) .

INTTRA RECOMMENDS customers send Subcontractor (EV) only when Super Freezer Service or In-Transit Cold Sterilization Service is being provided by someone other than the carrier.

Ship from (SF) examples.

NAD+SF++SHIP FROM NAME:SHIP FROM ST:NEWARK, DE+++++709509  
or

NAD+SF+RWHS34:160:86

or

NAD+SF+DUNS:160:16+SHIP FROM NAME

Ship to (ST) examples.

NAD+ST+KEJ0989:160:ZZZ+SHIP TO NAME:SHIP TO ADDR:HAMBURG,  
GERMANY

or

NAD+ST+HY790:160:ZZZ

Ship from (SF) and Intermediate Export Stop Off (CL) Examples

NAD+SF++SHIP FROM NAME:SHIP FROM ADDR:HAMBURG

and

NAD+CL++FIRST STOP:FIRST STOP ADDRESS:HAMBURG

and

NAD+CL++SECOND STOP:SECOND STOP ADDRESS:HAMBURG

Empty container pick up location (CK) Examples

NAD+CK+CARRIER\_CD:160:86

or

NAD+CK+809343:160:192+EMPTY PICK UP LOC:TERMINAL ADDRESS

or

NAD+CK++EMPTY PICK UP LOC:PICK UP ST ADDRESS++++++US

Subcontractor (EV) Examples

NAD+EV++ITCS PROVIDER:ITCS ADDRESS++++++US

or

NAD+EV++SUPER FREEZER PROVIDER:ITCS ADDRESS++++++US

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3035		<b>PARTY FUNCTION CODE QUALIFIER</b>	M 1 an..3
		Code giving specific meaning to a party.	
		Accepted Values:	
	CK	Empty equipment despatch party Party from whose premises empty equipment will be or has been despatched. Requested Empty container pick up location.	
	CL	Container location party Party from whose premises container will be or has been despatched. 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	
C082		<b>PARTY IDENTIFICATION DETAILS</b>	C 1
		Identification of a transaction party by code.	
	3039	<b>Party identifier</b>	M an..35
		Code specifying the identity of a party.	
	1131	<b>Code list identification code</b>	M an..3
		Identification of a code list.	

		Accepted Values:	
	160	Party identification Identification of parties, corporates, etc.	
<b>3055</b>	<b>Code list responsible agency code</b>	<b>M</b>	<b>an..3</b>
	Code specifying the agency responsible for a code list.		
		Accepted Values:	
	16	US, D&B (Dun & Bradstreet Corporation) Identifies the Dun & Bradstreet Corporation, United States. Duns Number Will not be validated by INTTRA.	
	86	Assigned by party originating the message Codes assigned by the party originating the message. Assigned by Customer	
	192	It is required to establish the Alias/Code in the INTTRA Alias Master prior to sending the transaction. Shipper's association Code assigned by a shipper's association. INTTRA Assigned Code	
	ZZZ	Mutually defined Mutually agreed between Customer and Carrier. Will not be validated by INTTRA.	
<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>	<b>1</b>
	Unstructured name and address: one to five lines.		
	<b>3124 Name and address line</b>	<b>M</b>	<b>an..35</b>
	Free form name.		
	<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
	Free form address 1.		
	<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
	Free form address 2.		
	<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
	Free form address 3.		
	<b>3124 Name and address line</b>	<b>C</b>	<b>an..35</b>
	Free form address 4.		
<b>Not Used</b>	<b>C080</b>	<b>PARTY NAME</b>	<b>C 1</b>
	Identification of a transaction party by name, one to five lines. Party name may be formatted.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>M an..35</b>
	Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>C an..35</b>
	Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>C an..35</b>
	Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>C an..35</b>
	Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3036</b>	<b>Party name</b>	<b>C an..35</b>
	Name of a party involved in a transaction.		
<b>Not Used</b>	<b>3045</b>	<b>Party name format code</b>	<b>C an..3</b>
	Code specifying the representation of a party name.		
<b>C059</b>	<b>STREET</b>	<b>C</b>	<b>1</b>
	Additional address.		



		<b>3042</b>	<b>Street and number/p.o. box</b> Free form address 5.	<b>M</b>	<b>an..35</b>
		<b>3042</b>	<b>Street and number/p.o. box</b> Free form address 6.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>		<b>3042</b>	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>		<b>3042</b>	<b>Street and number/p.o. box</b> Street and number in plain language, or Post Office Box No.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>3164</b>		<b>CITY NAME</b> Name of a city (a town, a village) for addressing purposes.	<b>C</b>	<b>1 an..35</b>
<b>Not Used</b>	<b>C819</b>		<b>COUNTRY SUB-ENTITY DETAILS</b> To specify a part of a country (e.g. county or part of a city).	<b>C</b>	<b>1</b>
<b>Not Used</b>		<b>3229</b>	<b>Country sub-entity name code</b> Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	<b>C</b>	<b>an..9</b>
<b>Not Used</b>		<b>1131</b>	<b>Code list identification code</b> Identification of a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>		<b>3055</b>	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>
<b>Not Used</b>		<b>3228</b>	<b>Country sub-entity name</b> Name of sub-entities (state, province) defined by appropriate governmental agencies.	<b>C</b>	<b>an..35</b>
	<b>3251</b>		<b>POSTAL IDENTIFICATION CODE</b> Code specifying the postal zone or address.	<b>C</b>	<b>1 an..17</b>
	<b>3207</b>		<b>COUNTRY NAME CODE</b> Identification of the name of the country or other geographical entity as specified in ISO 3166. Must be a valid 2 Character ISO country code.	<b>C</b>	<b>1 an..3</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 1390  
**Group:** Segment Group 33 (Name and Address) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to indicate date and time relating to pick-up or drop-off.

**Semantic Notes:**

**Comments:**

**Notes:**

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

Dates must be within 400 days of the current date.

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

DTM+181:20080129:102  
DTM+200:200802011830:203

The above qualifiers may only be sent when the preceding NAD segment is Ship from (1390 NAD 3035 = SF).

DTM+396:200802031345:203  
DTM+200:200802031830:203

The above qualifier may only be sent when the preceding NAD segment is Intermediate Export Stop Off Location (1390 NAD 3035 = CL).

DTM+2:200803130900:203

The above date qualifier may only be sent when the preceding NAD segment is Ship to (1390 NAD 3035 = ST).

DTM+393:200802021030:203

The above date qualifier may only be sent when the preceding NAD segment is Empty container pick up location (1390 NAD 3035 = CK).

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

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C507		DATE/TIME/PERIOD	M 1
	2005	Date/time/period function code qualifier	M an..3
		Code giving specific meaning to a date, time or period.	

Accepted Values:

2	Delivery date/time, requested Date on which buyer requests goods to be delivered. Requested delivery date/time of full container.		
181	Positioning date/time of equipment Date/time when equipment is positioned. Requested positioning date/time of empty equipment at door location.		
200	Pick-up/collection date/time of cargo Date/time at which the cargo is picked up. Requested pick-up date/time of container at intermediate export stop off location or ship from location.		
393	Equipment collection or pick-up date/time, planned Date/time on which equipment can be picked up, either full or empty, according to a planning. Requested pick-up date/time of empty equipment.		
396	Equipment positioning date/time, requested Date/time on which equipment is requested to be positioned (delivered). Requested positioning date/time at intermediate export stop off location.		
<b>2380</b>	<b>Date/time/period value</b> The value of a date, a date and time, a time or of a period in a specified representation.	<b>M</b>	<b>an..35</b>
<b>2379</b>	<b>Date/time/period format code</b> Code specifying the representation of a date, time or period. Date/Time (C507, 2380) must be consistent with the code sent in this element.	<b>M</b>	<b>an..3</b>
	Accepted 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 must 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		

**Group:** **CTA** Segment Group 34: Contact Information  
**Position:** 1400  
**Group:** Segment Group 33 (Name and Address) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify a contact and its communications related to the party.

**Segment Summary**

<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
1410	CTA	Contact Information	M	1	
1420	COM	Communication Contact	M	9	

**Segment:** **CTA Contact Information**  
**Position:** 1410 (Trigger Segment)  
**Group:** Segment Group 34 (Contact Information)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify a contact name associated with a specified equipment positioning or collection address.

**Semantic Notes:**

**Comments:**

**Notes:**

CTA+AO+:EQUIPMENT CONTACT

This segment is not supported in the IFTMBC Transaction.

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

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
3139		<b>CONTACT FUNCTION CODE</b>	M	1 an..3
		Code specifying the function of a contact (e.g. department or person).		
		Accepted Values:		
	AO	Plant/equipment contact Department/person to contact for matters regarding plant/equipment.		
C056		<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	M	1
		Code and/or name of a department or employee. Code preferred.		
Not Used	3413	<b>Department or employee identification</b>	C	an..17
		Internal identification code.		
	3412	<b>Department or employee</b>	M	an..35
		The department or person within an organizational entity.		

**Segment:** **COM** **Communication Contact**  
**Position:** 1420  
**Group:** Segment Group 34 (Contact Information)      Conditional (Optional)  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 9  
**Purpose:** A segment to specify a communication number related to the contact.

**Semantic Notes:**

**Comments:**

**Notes:**

COM+(733) 589-0045:TE

This segment is not supported in the IFTMBC Transaction.

This segment will not be processed if received in a Cancellation (0020 BGM 1225 = 1) transaction.

**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	<b>Communication number</b> The communication number.	M an..512
	3155	<b>Communication number code qualifier</b> Code qualifying the communication number.	M an..3
<b>Accepted Values:</b>			
	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 Voice/data transmission by telephone. Must not be populated with spaces and/or dots alone.	

**Segment:** **UNT** Message Trailer  
**Position:** 1490  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

**Semantic Notes:**

**Comments:**

**Notes:** UNT+23+80

**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:** UNZ Interchange Trailer  
**Position:** 1500  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange  
**Semantic Notes:**  
**Comments:**  
**Notes:** UNZ+1+100

**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.	



## **XI. Appendix 1 – IFTMBF Use Cases**

This appendix shows Customers how to use the IFTMBF message set under different use case conditions to make new booking requests to INTTRA carriers, and to amend or cancel bookings made previously with INTTRA carriers.

### **A. Customer AMS Filing**

The customer may indicate that they are responsible for AMS filing and provide the SCAC Code under which AMS filing will occur as shown in the Customer Request below.

```
FTX+CCI++AMS:110:ZZZ  
FTX+CCI++NVO:110:ZZZ+NVOCC_SCAC
```

This information may be provided on the first booking request, or in subsequent amendments. Customers are advised that there is no provision in the message for changing this declaration once it is provided.

### **B. Requested Booking Office**

Customers may indicate that a particular Carrier booking office should handle a booking by using the header location segment as shown below.

```
LOC+197+BEANR:181:6:ANTWERP
```

INTTRA recommends that Customers provide the booking office when it is at a location other than the location at which the cargo will be loaded. Customers must provide a coded location for a requested booking office.

### **C. Requested Routing and Haulage Service Arrangement**

Customers are required to provide the following information on a new booking request and in a booking amendment:

- a valid, coded Place of Receipt in the header LOC
- a valid, coded Place of Delivery in the header LOC
- at least one of
  - Departure date/time, earliest at Place of Receipt
  - Delivery date/time, latest at Place of Delivery
  - Vessel name (or Lloyd's code) and Voyage (both sent in same TDT main-carriage segment).
  - Haulage Service Arrangement code, which must be provided (EQD/TMD) and must be the same for every Equipment Group on the booking

Move Type is also required in a Booking Request and in Amendment.

### **D. Specifying Transshipment and Partial Shipment Locations**

Customers may indicate requested Transshipment Ports as follows, in the Header LOC segment:

```
LOC+75+NLRTM:181:6:ROTTERDAM+NL:162:5
```

Customers may indicate to Carriers that they prefer their Booking NOT be transshipped via particular locations, as follows, in the Header LOC segment:

```
LOC+74+OMSLL:181:6:SALALAH+OM:162:5  
LOC+74+SOMGQ:181:6:MOGADISHU+::SOMALIA
```

Note that INTTRA will report values as specified by the customer. An absence of a value will not be interpreted or defaulted by INTTRA.

## E. Flagging Special Cargo

INTTRA recommends that Customers provide a header level indicator when requesting bookings for special Cargo. Special Cargo categories defined are: Out of Gauge, Controlled Equipment, Hazardous Cargo and Environmental Pollutant.

GDS+5	Out Of Gauge
GDS+14	Temperature Controlled
GDS+11	Hazardous
GDS+15	Environmental Pollutant

## F. Specifying Charge Information

Customers may provide advisory information about charges in a Booking request or amendment. These advisory charge details should be provided under the party responsible for settlement and must contain payment arrangements and may include payment location as shown in the Customer Request example below.

```
NAD+CZ+3049870:160:86+SHIPPER NAME
CPI+11++P
LOC+57+USNYC:181:6:NEW YORK
```

In addition, INTTRA provides a special party type, the Freight Payer Party, which may be used to send information about any charges that are not associated with any of the other parties on the Booking. Customers can send a Freight Payer Party only if there are associated charges sent with it. The following message sample shows the provision of charges with a Freight Payer Party.

```
NAD+FP+442566:160:86+FREIGHT PAYER NAME
CPI+4++P
LOC+57+USEWR:181:6:ELIZABETH
```

**NOTE:** Carrier confirmation of a Booking Request or Amendment containing advisory charge information does not constitute acceptance of the charges. Similarly, carrier acknowledgement, via the TCC segment, of receipt of advisory charge information does not constitute acceptance of the charge information provided.

## G. Customer Provided Transport Plan Details

INTTRA recommends that customers do not typically need to provide a transport plan. However, if the customer provides a plan, INTTRA recommends that it be consistent with the mandatory Place of Receipt and Place of Delivery and that it include at least one complete main carriage leg.

Lack of a main leg, or inconsistencies between the Place of Receipt and Place of Delivery specified in the header LOC and the associated Start and End locations in the Transport Plan will not cause a Customer transaction to fail; however, these inconsistencies will be tracked by INTTRA, as a part of Customer Data Quality Improvement initiatives.

If any transport plan details need to be updated in an Amendment, INTTRA recommends that the entire plan be resent.

## H. Customer Specified Equipment Details

Customers are required to provide Equipment details on a New Booking Request and in Booking Amendments.

## I. Customer Provision of Container Numbers

Customers may use logical or actual container numbers to link Split Goods Placement information to requested equipment, as shown in the examples below. Only one type of number maybe provided per container and only one occurrence of a given container number can occur in the Equipment section of a Booking.

### Logical

```
GID+1+2100:CT:67:6
FTX+AAA+++COMMODITY DESCRIPTION
Version 2.2
Copyright 2013 INTTRA
```

SGP+01+10500  
SGP+02+10500

EQD+CN+01:230:ZZZ+22G0:102:5+2  
EQN+1:2  
EQD+CN+02:230:ZZZ+22G0:102:5+2  
EQN+1:2

**Actual**

EQD+CN+XXXX6756323:146:ZZZ+22G0:102:5+2

**J. Requesting Merchant Haulage service**

Customers must specify haulage service arrangements requested for the Export and Import sides of a shipment, at the level of each equipment group in New Booking Request and in Booking Amendments. As noted earlier (See Section 3), the value of Haulage Service Arrangement code must be the same for every Equipment Group on the booking.

In addition, Customers may also indicate a desired Empty Pick UP Depot Address and Pick up date time per equipment group. The example below shows a Customer request for Merchant haulage at each side and indicates the desired Empty Pick up Depot Address and Pick up date time.

EQD+CN++45G0:102:5+2  
EQN+2:2  
TMD+3++MM  
NAD+CK++EMPTY CONTAINER PICK UP LOCATION:EMPTY PICK UP ADDRESS  
DTM+393:20070514:102

**K. Requesting Carrier Haulage Service**

Customers may request Carrier Haulage service on a booking, by specifying the Haulage Service Arrangement code, and by specifying the details of Carrier haulage for individual Equipment Groups on the booking.

The example below shows Carrier haulage at each side and indicates the Ship From Location, the requested empty positioning date at Ship From, requested pick up date at Ship From, as well as the Ship To location.

EQD+CN++45G0:102:5+2  
EQN+3:2  
TMD+3++CC  
NAD+SF++SHIP FROM LOCATION:ADDRESS  
DTM+181:200705121330:203  
DTM+200:200705121630:203  
NAD+ST++SHIP TO LOCATION:ADDRESS

**L. Requesting Carrier Haulage Multi Stop Service, Export Leg**

Customers may request multi stop service for Carrier Haulage bookings, using INTTRA's IFTMBF message set. By convention, INTTRA expects the sequence in which haulage addresses are sent to match the sequence in which the intermediate stop offs should occur on the outbound leg, with the Intermediate Export Stop Off (CL) locations immediately following the Ship From, in order of occurrence. The following example shows a request for multi stop haulage on the Export Leg.

EQD+CN++45G0:102:5+2  
EQN+1:2  
TMD+3++CM  
NAD+SF++SHIP FROM LOCATION:SHIP FROM ADDRESS  
DTM+181:200705110600:203  
NAD+CL++FIRST STOP LOCATION:FIRST STOP ADDRESS  
DTM+396:200705110900:203  
NAD+CL++SECOND STOP LOCATION:SECOND STOP ADDRESS  
DTM+396:200705111300:203

In Amendments for bookings with multi-stop haulage arrangements, INTTRA recommends that Customers provide all the legs for all equipment groups, even if only one particular haulage address is being changed.

### M. Specifying Shipper owned equipment

When Customers want Carriers to provide Equipment, this should be specified as shown in the request below:  
EQD+CN++22G0:102:5+2

Alternatively, Customers Booking requests may be for Shipper Owned Equipment, in which case the Carrier is not required to provide the Equipment. This should be specified as shown in the request below:  
EQD+CN++22G0:102:5+1

### N. Specifying Controlled Equipment Details

Appendix 4 (Controlled Equipment) in this document contains a comprehensive description of the rules and recommendations for providing controlled equipment information in the IFTMBF message. A few typical use cases are described here.

INTTRA recommends that Customers set the header level Controlled Equipment Indicator (GDS) for all Bookings with controlled equipment settings.  
GDS+14

When a Customer Booking request contains Reefer equipment, it must always be accompanied by a TMP or HAN segment. The same segments may be sent for equipment qualified as Hybrid, e.g., tanks – see the Equipment Listing for equipment types classified as Reefer or Hybrid. INTTRA requires that the set temperature provided be the same for all active Reefer and Hybrid equipment on a single booking request.

A simple reefer example is given below, followed by a simple example of non-operative reefer equipment.

EQD+CN++44R0:102:5+2  
EQN+1:2  
TMP+2+023:CEL  
FTX+AEB+++REEFER COMMENTS

EQD+CN++44R0:102:5+2  
EQN+1:2  
HAN+NAR

The following chart lists the more specialized Controlled atmosphere conditions that are supported in the INTTRA IFTMBF message and provides illustrative message fragments. Note these conditions require either Reefer or Hybrid equipment, with a TMP setting.

All segments shown here belong to the EQD Segment Group. They are listed in the order in which they appear in the message; intervening segments not related to the illustrated control setting are omitted.

Probe Count	FTX+AEB++NTP:130:ZZZ+4	
Variance	FTX+AEB++TVA:130:ZZZ+002C	
ICT	FTX+AEB++ICT:130:ZZZ	(Indicator)
	FTX+AEB++ICP:130:ZZZ+5	(ICT Probe Count)
Super Freezer	FTX+AEB++FRZ:130:ZZZ	(Indicator)
	NAD+EV++Superfreezer Subcontractor:Subcontractor Address	
Controlled Atmosphere	MEA+AAE+ZO+PCT:40.34	(Oxygen Gas level)
	FTX+AEB++ECA:130:ZZZ	(Indicator)
Vent	MEA+AAE+AAS+CBM:22.21	(Airflow)
	FTX+AEB++VTO:130:ZZZ	(Vent Open)
Genset Required	FTX+AEB++GEN:130:ZZZ	(Indicator)
Humidification Service	FTX+AEB++HUM:130:ZZZ	(Indicator)

## O. Specifying details for Hazardous Substances

Appendix 3 (Dangerous Goods) in this document contains a comprehensive description of how to use the IFTMBF message set to provide details for Bookings containing Hazardous Substances, as well as applicable rules and recommendations. A few typical use cases are described here.

INTTRA recommends that Customers set the header level Controlled Equipment Indicator (GDS) for all Bookings with Hazardous Substances.

GDS+11

INTTRA recommends that Hazardous Goods information be provided only at the Outer Pack level, even while the message supports provision of details at all levels of packing. Please refer to Appendix 2 (GID Conventions) for an explanation of how to associate dangerous goods information with different levels of packing in the GID segment group. In particular, INTTRA recommends each cargo item be defined as a discrete commodity within a single type of outer package and with a single HS classification, a specific description, a single set of measurements and a single set of DGS details. Cargo items encompassing more than one DGS classification should ideally be split.

The following details are mandatory for every dangerous goods detail line:

UNDG Code and 1<sup>st</sup> IMO Code      DGS+IMD+3.2+4056  
Proper Shipping Name              FTX+AAD++PSN:122:ZZZ+DGS PROPER SHIPPING NAME

The following examples list some of the specialized Hazardous Substance characteristics that are supported in the INTTRA IFTMBF message and provide illustrative message fragments. All segments shown here belong to the DGS Segment Group.

Marine Pollutant Indicator may be specified using any one of three mutually exclusive settings:

Non-Marine pollutant      FTX+AAC++NP:122:ZZZ  
Marine pollutant          FTX+AAC++P:122:ZZZ  
Severe Marine pollutant    FTX+AAC++PP:122:ZZZ

Aggregation State may be specified using any one of three mutually exclusive settings:

Solid                      FTX+AAC++SLD:122:ZZZ  
Liquid                     FTX+AAC++LQD:122:ZZZ  
Gas                        FTX+AAC++GAS:122:ZZZ

For Class 1 commodities INTTRA recommends that customers provide Net Explosive weight in the net net weight as shown below:

MEA+AAE+AAF+KGM:3024.135

IBC Package codes may be specified as shown below:

FTX+PKG++6HA1:183:ZZZ

## P. Out of Gauge Dimensions

Customers can provide details of Out of Gauge bookings at the commodity level, or at the container level. If sent, INTTRA recommends that Customers provide Out of Gauge dimensions only at one of these levels.

When providing Out of Gauge details, INTTRA recommends the Customer sends the header level GDS indicator, as shown below.

GDS+5

The actual dimensions at the Outer Pack level for out of gauge commodities can be specified as follows.

GID+1+1:PS:67:6  
DIM+2+MTR:16.764:12.192:6.096

Alternatively, Customers can specify the overhang with respect to equipment dimensions, for Out of Gauge equipment. The following example shows a container with overhang in only the height dimension.

EQD+CN++22U1:102:5+2  
EQN+1:2  
DIM+9+MTR:::19.686

## **Q. Customer Specification of Changes**

INTTRA recommends that Customers provide a clear free text description of changes requested in an Amendment transaction, as shown below:

FTX+AES+++CONTAINER 22G0 COUNT REDUCED FROM 3 TO 2

The changes specified as above will be sent to the Carrier as provided by the Customer.

In addition, INTTRA will also provide the Carrier a summary of changes to the Booking as detected by INTTRA, as follows:

FTX+ACB+++CONTAINER TYPE 22G0 COUNT REDUCED FROM 3 TO 2; CONSIGNEE ADDED TO BOOKING

## **R. Requesting Per Container Release Handling**

Customers can request Carriers for per container release handling, i.e., that a unique release number should be issued for each requested container, preferably under a single booking number. INTTRA has provided a flag for this purpose.

The per container release handling flag is supported only for multi-container bookings and can only be provided in the request. The flag should be set as shown in the Customer request below:

BGM+335+CUSTOMER\_SI+9+AC

## **S. Providing Booking Numbers on Booking Requests**

Typically, Carriers assign Booking numbers in response to Customer new booking requests. However, Customers who have been issued a set of booking numbers and authorized by the carrier to supply those numbers with their requests may provide the Booking Number with the initial booking request.

This is known as the SMBN (Shipper Managed Booking Number) program at INTTRA and must be specifically configured by INTTRA for individual Customer, Carrier pairs in order for Customers to use this feature.

In this case, the Customer should specify the SMBN in the new booking request as follows:

BGM+335+CUSTOMER\_SI+9

RFF+BN:00980076

Shipper Managed Booking Numbers are subject to uniqueness rules as described in the preamble of this Implementation Guide.

Note that Carriers can supersede these booking numbers provided by Customers. Customers cannot change Booking Numbers on Amendments or Cancellations.

In addition, INTTRA also supports Rapid Reservation, a feature by which INTTRA assigns Booking Numbers from a sequence authorized by a participating carrier (and optionally for specific regions and/or customer groups) and managed within INTTRA. Please refer to the Preamble of this Implementation Guide for details of the SMBN and RR programs.

## **T. Minimum Customer New Request & Amendment**

The example below shows the minimum information required by INTTRA on a Customer new booking request and amendment, for a simple dry booking. INTTRA requires the same set of minimum data to successfully process new booking request and amendment transactions.

BGM+335+CUSTOMER\_SI+9

CTA+IC+:BOOKING CONTACT

COM+3948 228 9989:TE

DTM+137:200705120400:203

TSR+30

LOC+88+CNXMN:139:6

DTM+196:20070612:102

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LOC+7+USLGV:139:6  
NAD+CA+SCAC:160:86  
NAD+ZZZ+0293877:160:86  
NAD+CZ+8374898:160:86  
GID+1+3400:CT:67:6  
EQD+CN++45G0:102:5  
EQN+3:2  
TMD+3++MM

Instead of providing ETD at Place of Receipt as shown in the example above, the minimum data requirements for a new booking request or amendment may also be met by any one of ETA at Place of Delivery, or Vessel name (or Lloyd's code) and Voyage (both sent in same TDT main-carriage segment), as described in Section 3 (Requested Routing & Haulage Service Arrangement) of this document.

Also, instead of providing an INTTRA registered Shipper as shown in the example above, the minimum data requirements for a new booking request or amendment may also be met by providing an INTTRA registered forwarder.

#### **U. Minimum Cancellation**

INTTRA only processes transaction identifiers, and Customer comments on Cancellations. All other data on a Cancellation is ignored by INTTRA. A Cancellation with the minimum (required) information is shown below.

BGM+335+89000247765+1  
CTA+IC+:BOOKING CONTACT  
COM+30498 394 883:TE  
DTM+137:200705120400:203  
NAD+CA+SCAC:160:86  
NAD+ZZZ+39877:160:86

INTTRA recommends that customers provide a comment with a cancellation transaction as shown below -  
FTX+AAI+++CUSTOMER REASON FOR CANCEL OF BOOKING

#### **V. Multiple Temperature**

The example below illustrates how multiple (different) temperature settings will be sent in a single Booking transaction.

There are eight containers where in one container is set to -03.0 C, three containers are set to 05.0 C and five containers are set to 00.0 C

EQD+CN++24R0:102:5+2  
EQN+1:2  
TMD+3++CC  
TMP+2+-03.0:CEL  
EQD+CN++48R1:102:5+2  
EQN+3:2  
TMD+3++CC  
TMP+2+05.0:CEL  
EQD+CN++24R0:102:5+2  
EQN+5:2  
TMD+3++CC  
TMP+2+00.0:CEL

## XII. Appendix 2 – GID Conventions

This appendix describes how to use the GID (Goods Item Detail) segment group to provide commodity details, and describes how INTTRA processes the commodity information provided in the GID Segment Group. The Glossary defines terms used in the discussion of the GID Segment group.

The Association section describes INTTRA’s interpretation of association between GID segments and the segments that describe the GID, for the two styles of GID presentation supported by INTTRA, viz. a flat structure with more than one packing level on a single GID line; and the vertical structure with each pack level appearing on a separate GID line. Associated segments include:

PIA: Goods Classification (PIA)  
 FTX: Goods Description, Customs Declaration Information  
 MEA: Measurements associated with the Goods (MEA)  
 DIM: Dimensions for Out of Gauge Commodities  
 RFF: References associated with the Goods  
 GID/SGP: Goods / Container relationships  
 MEA: Measurements associated with Goods in Containers  
 DGS and associated segments: Dangerous Goods Details

Customers can provide data in either style, whereas Carriers will receive messages only in a single style, the “vertical” style, with each level of packaging individually broken out. The examples in this section show both styles of inbound messages from Customers and the corresponding outbound messages generated by INTTRA in each case to the Carrier, further clarifying the association of detail segments within the GID structure.

The Rules section addresses the minimum requirements for valid GID on the Customer transaction inbound to INTTRA. Customer messages that do not conform to the rules established in this section will be failed by INTTRA. The section is followed by a set of examples illustrating a legal structure and an illegal structure per rule, for a subset of the rules.

The Conventions section provides guidelines for minimizing ambiguity in the handling of cargo line items. These guidelines are not enforced by INTTRA, but Customer conformance with the guidelines will result in consistent and correct interpretation of information. A pair of examples is provided per convention, one illustrating conformance to the convention, and the other non-conformance.

### A. GID Segment Group Structure and Glossary of Terms

Term	Definition
GID Set	<p>One or more GID Segments with the same Sequence Number. The three GID segments in Example 1 constitute a GID Set as do the 5 GID segments in Example 2. Example 3 shows 2 distinct GID Sets, as does Example 4, which additionally illustrates a flat style with more than one packing level on a single GID line. Example 5 illustrates GID segments without any package information.</p> <p>Example 1 – Single GID Set            GID+1+20:CR:67:6:CRATE'            GID+1++100:CY:67:6:CYLINDER'            GID+1++100:FL:67:6:FLASK'</p> <p>Example 2 – Single GID Set            GID+1+20:CR:67:6:CRATE'            GID+1++100:BX:67:6:BOX'            GID+1+++400:TU:67:6:TUBE'            GID+1++80:CH:67:6:CHEST'            GID+1+++160:TB:67:6:TUB'</p> <p>Example 3 – 2 GID Sets            GID+1+20:CR:67:6:CRATE'            GID+1++100:BX:67:6:BOX'</p>



Term	Definition
	<p>GID+2+20:CR:67:6:CRATE'  GID+2++80:CH:67:6:CHEST'</p> <p>Example 4 – 2 GID Sets, flat structure  GID+1+20:CR:67:6:CRATE+100:BX:67:6:BOX'  GID+2+20:CR:67:6:CRATE+80:CH:67:6:CHEST'</p> <p>Example 5 – 3 GID Outer Pack Sets without package type and count information.</p> <p>GID+1'  ...  GID+2'  ...  GID+3'  ...</p>
GID Line	<p>A single physical occurrence of a GID Segment regardless of GID Sequence Number.</p> <p>Example 1 above includes 3 GID Lines  Example 2 above includes 5 GID Lines  Example 3 above includes 2 GID Lines per GID Sequence number  Example 4 above includes 1 GID Line per GID Sequence number</p>
Outer GID	<p>A GID Line with the 1<sup>st</sup> C213 composite populated. Example 1 is an Outer GID as is Example 2. Example 3 is not an Outer GID.</p> <p>Example 1: GID+1+20:CR:67:6:CRATE'  Example 2: GID+1+20:CR:67:6:CRATE+100:BX:67:6:BOX'  Example 3: GID+1++100:BX:67:6:BOX'</p>
Outer GID Details	<p>Details applicable to the Outer Pack level, namely: Goods Classification (PIA), Measurements (MEA), References (RFF), Free Text (FTX), Out of Gauge Dimensions (DIM), Split Goods Placement (GID/SGP), Dangerous goods information (DGS). Example 1 shows an Outer SGP, as does Example 2.</p> <p>Example 1:  GID+1+20:CR:67:6:CRATE'  SGP+TSTU1235156+20'</p> <p>Example 2:  GID+1+20:CR:67:6:CRATE+100:BX:67:6:BOX'  SGP+TSTU1235156+20'</p>
Sub Item GID	<p>A GID Line with the 1<sup>st</sup> C213 composite empty. Example 1 is a Sub Item GID as is Example 2. Example 3 is not a Sub Item GID</p> <p>Example 1: GID+1++100:CY:67:6:CYLINDER'  Example 2: GID+1++100:BX:67:6:BOX+400:TU:67:6:TUBE'  Example 3: GID+1+20:CR:67:6:CRATE'</p>
Sub Item GID Details	<p>Details applicable to a Sub Item GID Line, namely: Goods Classification (PIA), Measurements (MEA), References (RFF), Free Text (FTX), Dangerous goods information (DGS)</p>
Cargo Item	<p>A discrete commodity within a single type of outer package and with a single HS classification, a specific description, a single set of measurements and a single set of DGS details.</p>

Term	Definition
Split Goods	A cargo item packed in more than one container within a shipment.
GID Composite Diagram	<pre>  --leftmost--   -----   -rightmost-  GID+1+20:CR:67:6:CRATE+100:BX:67:6:BOX+180:TB:67:6:TUB'  ----outer---   ---inner---   inner-inner  </pre>
Outer Pack Composite	The first (leftmost) C213 Composite in the GID Segment.
Inner Pack Composite	The second (center) C213 Composite in the GID Segment.
Inner-Inner Pack Composite	The third (rightmost) C213 Composite in the GID Segment.
Leftmost Composite	The first populated C213 Composite reading a GID segment from the Left.
Rightmost Composite	The last populated C213 Composite reading a GID segment from the Left. NOTE: the same composite in a GID can be both the rightmost and the leftmost if only one composite in a GID is populated.

## B. Association of Detail Segments

1. GID/SGP segments apply only to outer pack composites.
2. DIM segments apply only to outer pack composites.
3. PIA segments apply to the leftmost populated composite in the associated GID Line.
4. GID MEA segments apply to the leftmost populated composite in the associated GID Line.
5. RFF segments apply to the leftmost populated composite in the associated GID Line.
6. FTX segments apply to the leftmost populated composite in the associated GID Line.
7. DGS details are associated with the rightmost populated composite in the associated GID Line.

### Association Examples

#### Example B.1 – Composite GID Structure as received by INTTRA from the Customer

```

GID+1+20:CR:67:6:CRATE+100:BX:67:6:BOX+180:CY:67:6:CYLINDER
PIA+5+280421:HS
FTX+AAA+++COMMODITY DESCRIPTION
MEA+AAE+G+KGM:3000.135
RFF+ABW:29309902
SGP+01+20
MEA+AAE+G+KGM:3000.135
DGS+IMD+3.2+1993+43.3:CEL+2
FTX+AAD++PSN:122:ZZZ+PROPER SHIPPING NAME
CTA+HE+:EMERGENCY CONTACT
COM+928 009 9909:TE
MEA+AAE+AAF+KGM:245
SGP+01+5
MEA+AAE+AAF+KGM:245

```

#### Example B.2 – As sent by INTTRA to Carrier after inbound from Customer is processed

```

GID+1+20:CR:67:6:CRATE
PIA+5+280421:HS
FTX+AAA+++COMMODITY DESCRIPTION
MEA+AAE+G+KGM:3000.135
RFF+ABW:29309902
SGP+01+20
MEA+AAE+G+KGM:3000.135
GID+1++100:BX:67:6:BOX

```

GID+1+++180:CY:67:6:CYLINDER  
DGS+IMD+3.2+1993+43.3:CEL+2  
FTX+AAD++PSN:122:ZZZ+PROPER SHIPPING NAME  
CTA+HE+:EMERGENCY CONTACT  
COM+928 009 9909:TE  
MEA+AAE+AAF+KGM:245  
SGP+01+180  
MEA+AAE+AAF+KGM:245

In Example B.1, the GID level PIA, FTX, MEA, RFF and SGP detail segments are associated with the outer composite (leftmost populated composite, '20:CR:67:6:CRATE'). The GID MEA segment describes the gross weight of the commodity, including the crates. The package count in the SGP segment is the count of Crates in the container, not the count of Boxes or Cylinders. The DGS and its associated FTX, CTA, COM, MEA, SGP and SGP/MEA segments, on the other hand, are associated with the inner-inner pack (rightmost composite, '180:CY:67:6:CYLINDER').

While processing the inbound message, INTTRA will convert GIDs with multiple composites to a set of GID Lines, each with a single populated composite so that there is no ambiguity in the association of detail segments. This association is reflected in the example, B.2 which is the Outbound message corresponding to the Inbound message in example B.1.

The Association logic dictates that, in a 3-level GID, to provide any details for the middle level, a Sub Item GID Line must be provided – viz., a vertical GID structure has to be used in order to provide any details for the middle level. Similarly, a vertical GID structure will have to be used if there is a requirement to provide commodity descriptions at any level other than the Outer pack. This is illustrated in example B.3 below for Dangerous Goods, showing a different description (GID/FTX) at each pack level, outer, inner and inner-inner.

#### **Example B.3 GID FTX Segments apply to the leftmost composite in the associated GID Line**

GID+1+20:CR:67:6:CRATE  
PIA+5+280421:HS  
FTX+AAA+++COMMODITY DESCRIPTION1  
MEA+AAE+G+KGM:3000.135  
RFF+ON:887009  
SGP+01+20  
MEA+AAE+G+KGM:3000.135  
GID+1++100:BX:67:6:BOX  
FTX+AAA+++ADDITIONAL COMMODITY DESCRIPTION  
GID+1+++180:CY:67:6:CYLINDER  
FTX+AAA+++MORE COMMODITY DESCRIPTION  
DGS+IMD+3.2+1993+43.3:CEL+2  
FTX+AAD++PSN:122:ZZZ+PROPER SHIPPING NAME  
CTA+HE+:EMERGENCY CONTACT  
COM+928 009 9909:TE  
MEA+AAE+AAF+KGM:245  
SGP+01+180  
MEA+AAE+AAF+KGM:245

For this inbound message from the Customer, the outbound message to the Carrier will have exactly the same structure as the inbound message.

#### **Example B.4 GID Segments without Package Type or Description and Package Count**

GID+1 '  
FTX+AAA+++  
FTX+ADE++HC  
MEA+AAE+G  
RFF+ON  
FTX+AAA+++  
DGS+  
FTX+  
MEA+

GID+2 '  
FTX+AAA+++  
FTX+ADE++HC  
MEA+AAE+G  
RFF+ON  
FTX+AAA+++  
DGS+  
FTX+

### C. GID Rules

1. A new GID Sequence Number is required for every outer pack composite. The outer composite cannot be repeated within a GID set. See Example R1.
2. Every GID Set must include an outer pack composite. See Example R2.
3. Every C213 composite provided must have either a valid pack code and/or description, as well as number of packages.
4. DIM segments can only appear at the Outer pack level.
5. GID/SGP segments can only appear at the Outer pack level. See Example R3.
6. If GID/SGP is sent, it must be sent for every Outer pack composite. See Example R3.
7. A container may only be referenced once per Outer Pack composite within a GID Set, when providing GID/SGP information. See Example R4.
8. Every Container referenced in an outer SGP must have a matching container number in an EQD segment. See Example R4.
9. SGP segments associated with a DGS line cannot introduce a container that has not already been referenced in the SGP segments for the Outer GID. See Example R5.
10. A container may only be referenced once per DGS line, within a GID Set.
11. There can be at most 999 C213 Pack composites in a Booking transaction, across all GID Sets.

Many of these rules are illustrated in the five sets of below-mentioned examples.

12. Package Code or Package Description and Number of Packages must be provided if the commodity is hazardous.
13. Number of Packages must be a whole number greater than zero
14. INTTRA allows for a GID segment to be sent without package code or package description and number of packages (e.g. GID+1, GID+2) but if multiple package levels are sent, the package code or description and number of packages must be provided for all package level.
15. If package code or package description is provided then number of package must also be provided.
16. Package code or package description and number of packages is required for hazardous/hazmat commodity

#### Example R1: Rule 1, A new GID sequence number is required for each distinct outer pack

Context: 1 Commodity, 2 distinct Outer Package Types, 2 Containers

R1 Legal:

```
GID+1+200:BE:67:6:BUNDLE'      -- First Outer Pack, BUNDLE
PIA+5+631010:HS'                GID Sequence 1
FTX+AAA+++COTTON RAGS '
MEA+AAE+G+KGM:10000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+100'
MEA+AAE+G+KGM:5500.000'
SGP+DUMU1235156+100'
MEA+AAE+G+KGM:5500.000'
```

GID+2+400:SA:67:6:SACK' -- Second Outer Pack, SACKS  
PIA+5+631010:HS' GID Sequence 2  
FTX+AAA+++COTTON RAGS '  
MEA+AAE+G+KGM:6000.000 '  
RFF+ON:3127884 RP '  
SGP+TSTU1235156+200 '  
MEA+AAE+G+KGM:3000.000 '  
SGP+DUMU1235156+200 '  
MEA+AAE+G+KGM:3000.000 '

R1 Illegal, More than one outer composite per GID Sequence:

GID+1+200:BE:67:6:BUNDLE' -- First Outer Pack, BUNDLE  
PIA+5+631010:HS' GID Sequence 1  
FTX+AAA+++COTTON RAGS '  
MEA+AAE+G+KGM:10000.000 '  
RFF+ON:3127884 RP '  
SGP+TSTU1235156+100 '  
MEA+AAE+G+KGM:5500.000 '  
SGP+DUMU1235156+100 '  
MEA+AAE+G+KGM:5500.000 '  
GID+1+400:SA:67:6:SACK' -- Second Outer Pack, SACKS  
MEA+AAE+G+KGM:6000.000 ' GID Sequence 1 Repeated  
SGP+TSTU1235156+200 '  
MEA+AAE+G+KGM:3000.000 '  
SGP+DUMU1235156+200 '  
MEA+AAE+G+KGM:3000.000 '

**Example R2: Rule 2, Every GID Set must include an outer pack composite.**

Context: 1 Commodity, 1 Outer Package Type, 1 Inner Package Type

R2 Legal:

GID+1+20:CT:67:6:CARTON' -- Outer Pack, Cartons  
PIA+5+852721:HS '  
FTX+AAA+++CONSUMER ELECTRONICS '  
MEA+AAE+G+KGM:10500.000 '  
SGP+TSTU1235156+10' -- SGP, MEA Outer  
MEA+AAE+G+KGM:5250.000 '  
SGP+DUMU1235156+10 '  
MEA+AAE+G+KGM:5250.000 '  
GID+1++200:BX:67:6:BOX' -- Inner Pack, Boxes  
MEA+AAE+G+KGM:8200.000 ' -- MEA Inner  
GID+1++40:BE:67:6:BUNDLE' -- Inner Pack, Bundles  
MEA+AAE+G+KGM:1230.000 ' -- MEA Inner

R2 Illegal, No outer pack information provided:

GID+1++200:BX:67:6:BOX' -- Inner Pack, Boxes  
PIA+5+852721:HS '  
FTX+AAA+++CONSUMER ELECTRONICS '  
MEA+AAE+G+KGM:8200.000 ' -- MEA Inner  
GID+1++40:BE:67:6:BUNDLE' -- Inner Pack, Bundles  
MEA+AAE+G+KGM:1230.000 ' -- MEA Inner

**Example R3: Rules 5 and 6 GID/SGP segments can only appear at the Outer pack level, and if sent, must be sent for every Outer pack composite**

Context: Context: 1 Commodity, 2 Outer Package Types, 1 Inner Package Type, 2 Containers

R3 Legal:

```

GID+1+200:BE:67:6:BUNDLE'      -- First Outer Pack, BUNDLE
PIA+5+631010:HS'                GID Sequence 1
FTX+AAA+++COTTON RAGS '
MEA+AAE+G+KGM:10000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+100'
MEA+AAE+G+KGM:5500.000'
SGP+DUMU1235156+100'
MEA+AAE+G+KGM:5500.000'
GID+2+400:BX:67:6:BOX'        -- Second Outer Pack, BOX
PIA+5+631010:HS'                GID Sequence 2
FTX+AAA+++COTTON RAGS '
MEA+AAE+G+KGM:6000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+200'
MEA+AAE+G+KGM:3000.000'
SGP+DUMU1235156+200'
MEA+AAE+G+KGM:3000.000'
GID+2++1600:SA:67:6:SACK'     -- Inner Pack, SACK

```

R3 Illegal, GID/SGP information provided at Outer pack level for GID 1 and Inner-Inner pack level for GID 2

```

GID+1+200:BE:67:6:BUNDLE'      -- First Outer Pack, BUNDLE
PIA+5+631010:HS'                GID Sequence 1
FTX+AAA+++COTTON RAGS '
MEA+AAE+G+KGM:10000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+100'
MEA+AAE+G+KGM:5500.000'
SGP+DUMU1235156+100'
MEA+AAE+G+KGM:5500.000'
GID+2+400:BX:67:6:BOX'        -- Second Outer Pack, BOX
PIA+5+631010:HS'                GID Sequence 2
FTX+AAA+++COTTON RAGS '
MEA+AAE+G+KGM:6000.000'
RFF+ON:3127884 RP'
GID+2++1600:SA:67:6:SACK'     -- Inner Pack, SACK
SGP+TSTU1235156+800'
MEA+AAE+G+KGM:3000.000'
SGP+DUMU1235156+800'
MEA+AAE+G+KGM:3000.000'

```

**Example R4: Rules 7 and 8; A Container may only be referenced once per Outer Pack composite within a GID Set and every Container referenced in an Outer SGP must have a matching container in an EQD segment.**

Context: 1 Commodity, 1 Outer Package Type, 2 Containers

R4 Legal:

```

GID+1+20:CR:67:6:CRATE'        -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM'
MEA+AAE+G+KGM:11000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+10'            -- TSTU1235156 10 Crates
MEA+AAE+G+KGM:5500.000'
SGP+DUMU1235156+10'            -- DUMU1235156 10 Crates
MEA+AAE+G+KGM:5500.000'
.
.
EQD+CN+TSTU1235156+20GP
EQD+CN+DUMU1235156+20GP

```

R4 Illegal, Container referenced more than once for a single Outer Pack composite  
Container referenced in Outer GID not present in EQD Segment

```
GID+1+20:CR:67:6:CRATE' -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM'
MEA+AAE+G+KGM:11000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+10' -- TSTU1235156 10 Crates
MEA+AAE+G+KGM:5500.000'
SGP+DUMU1235156+10' -- DUMU1235156 not in EQD
MEA+AAE+G+KGM:5500.000'
SGP+TSTU1235156+50' -- TSTU1235156 occurs twice
MEA+AAE+G+KGM:5300.000'
.
.
EQD+CN+TSTU1235156+20GP
```

**Example R5: Rule 9, SGP segments associated with a DGS line cannot introduce a container that has not already been referenced in the SGP segments for the Outer GID**

**Alternatively stated:** A container must appear in an Outer SGP before it can appear in a DGS Segment within the same GID Set.

Context: 1 Commodity, 1 Outer Package Type, 1 Inner Package Type, 2 Containers

R5 Legal:

```
GID+1+20:CR:67:6:CRATE' -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM'
MEA+AAE+G+KGM:11000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+10' -- TSTU1235156 10 Crates
MEA+AAE+G+KGM:5500.000'
SGP+DUMU1235156+10' -- DUMU1235156 10 Crates
MEA+AAE+G+KGM:5500.000'
GID+1++100:CY:67:6:CYLINDER' -- Inner GID
DGS+IMD+3.2+4056+43.5:CEL+2'
FTX+AAD++PSN:122:ZZZ+PROPER DANGEROUS SHIPPING NAME'
CTA+HE+:EMERGENCY CONTACT'
COM+374 009 3700:TE'
MEA+AAE+AAF+KGM:500.32'
SGP+TSTU1235156+50' -- TSTU1235156 50 Cylinders
MEA+AAE+G+KGM:5300.000'
SGP+DUMU1235156+50' -- DUMU1235156 50 Cylinders
MEA+AAE+G+KGM:5300.000'
```

R5 Illegal, New container introduced within a DGS

```
GID+1+20:CR:67:6:CRATE' -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM'
MEA+AAE+G+KGM:11000.000'
RFF+ON:3127884 RP'
SGP+TSTU1235156+10' -- TSTU1235156 10 Crates
MEA+AAE+G+KGM:5500.000'
SGP+DUMU1235156+10' -- DUMU1235156 10 Crates
MEA+AAE+G+KGM:5500.000'
GID+1++100:CY:67:6:CYLINDER' -- Inner GID
DGS+IMD+3.2+4056+43.5:CEL+2'
```

```

FTX+AAD++PSN:122:ZZZ+PROPER DANGEROUS SHIPPING NAME '
CTA+HE+:EMERGENCY CONTACT '
COM+374 009 3700:TE '
MEA+AAE+AAF+KGM:500.32 '
SGP+RRUT1235156+50 ' -- RRUT1235156 50 Cylinders
MEA+AAE+G+KGM:5300.000 '
SGP+DUMU1235156+50 ' -- DUMU1235156 50 Cylinders
MEA+AAE+G+KGM:5300.000 '

```

#### D. GID Usage Conventions

1. INTTRA recommends that Customer provide only the Outer pack details for all commodities. For Hazardous commodities, inner and inner-inner pack level details may be provided if there are multiple dangerous goods in the Outer pack.
2. Goods Description (FTX 'AAA'), Goods Classification (PIA 'CG' and 'HS'), References related to the cargo item (RFF) should not vary within a GID Set. Only one set of these cargo item details should be provided for a GID set. A GID should not encompass more than one 6 digit HS classification (PIA, 'HS').
3. 'PALLETS' should not be reported as a package type in any GID composite for transactions destined for customs jurisdictions that do not recognize PALLET as a valid package type. Instead, Pallet details should be shown within the Goods Description or as an addendum to the package type description. Note that the gross weight for the Outer GID should include the weight of the pallets.

Three sets of examples follow.

Example C1: Convention 1, Only Outer pack details should be provided for all commodities; for Hazardous commodities, inner and inner-inner pack level details may be provided if necessary.

#### Context: 1Commodity, 1 Outer Package Type, 1 Inner Package Type

##### C1: Conforming

```

GID+1+20:CR:67:6:CRATE '
PIA+5+280421:HS ' -- Single HS Code
FTX+AAA+++CHIDLREN'S SHOES ' -- Specific Goods Description
MEA+AAE+G+KGM:11000.000 '
RFF+ON:3127884 RP '
SGP+TSTU1235156+10 '
MEA+AAE+G+KGM:5500.000 '
SGP+DUMU1235156+10 '
MEA+AAE+G+KGM:5500.000 '
GID+1++100:BX:67:6:BOX '

```

##### C1: Non-Conforming, Commodity details provided at both pack levels, with specific description at inner level and generic commodity at outer level. Instead only outer pack should have been sent with specific commodity description and Goods Classification as above.

```

GID+1+20:CR:67:6:CRATE '
FTX+AAA+++FOOTWEAR ' -- Generic Commodity Description, no PIA
MEA+AAE+G+KGM:11000.000 '
RFF+ON:3127884 RP '
SGP+TSTU1235156+10 '
MEA+AAE+G+KGM:5500.000 '
SGP+DUMU1235156+10 '
MEA+AAE+G+KGM:5500.000 '
GID+1++100:BX:67:6:BOX '
FTX+AAA+++CHILDRENS SHOES ' -- Inner GID Specific Goods Description

```



**Example C2: Convention 2, Goods Description, Goods Classification and References should not vary within a GID Set. A GID Set should not encompass more than one 6 digit classification.**

Context: 1 Commodity, 1 Outer Package Type, 1 Inner Package Type, 2 Containers

**C2 Conforming:**

```
GID+1+20:CR:67:6:CRATE '  
PIA+5+280421:HS ' -- Single HS Code  
FTX+AAA+++CHILDRENS SHOES ' -- Single Goods Description  
MEA+AAE+G+KGM:11000.000 '  
RFF+ON:3127884 RP '  
SGP+TSTU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '  
SGP+DUMU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '  
GID+1++100:BX:67:6:BOX '
```

**C2 Non-Conforming, 2 distinct commodities in a single GID Set:**

```
GID+1+20:CR:67:6:CRATE '  
PIA+5+280421:HS ' -- Single HS Code  
FTX+AAA+++CHILDRENS SHOES ' -- Single Goods Description  
MEA+AAE+G+KGM:11000.000 '  
RFF+ON:3127884 RP '  
SGP+TSTU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '  
SGP+DUMU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '  
GID+1++100:BX:67:6:BOX '  
PIA+5+447021300:HS ' -- Different Inner Pack HS Code  
FTX+AAA+++SUEDE COATS ' -- Inner Goods Description  
MEA+AAE+G+KGM:11000.000 '
```

**Example C3: Convention 3, Pallets should not be reported as package types unless allowed by relevant customs authority.**

Context: 1 Commodity, 1 Outer Package Type (palletized), 1 Container

**C3 Conforming:**

```
GID+1+20:CR:67:6:CRATE (2 PALLETS) ' -- 'PALLET' IN PACKAGE DESCRIPTION  
PIA+5+280421:HS ' -- Single HS Code  
FTX+AAA+++CHILDRENS SHOES ' -- Single Goods Description  
MEA+AAE+G+KGM:11000.000 '  
RFF+ON:3127884 RP '  
SGP+TSTU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '  
SGP+DUMU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '
```

**C3 Non-Conforming, Pallet provided as Package Type:**

```
GID+1+20:PX:67:6:PALLET ' -- PALLET as Package Type  
PIA+5+280421:HS ' -- Single HS Code  
FTX+AAA+++CHILDRENS SHOES ' -- Single Goods Description  
MEA+AAE+G+KGM:11000.000 '  
RFF+ON:3127884 RP '  
SGP+TSTU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '  
SGP+DUMU1235156+10 '  
MEA+AAE+G+KGM:5500.000 '
```

### XIII. Appendix 3 – Dangerous Goods

Appendix 2 describes the conventions and rules for associating Dangerous goods details using the GID segment group. This Appendix describes how Customers may use the structured fields in the IFTMBF Transaction Set to provide those details, especially the construction of structured free text segments to provide structured information. For a complete list of allowed values and validations at the segment or element level please refer to the body of this Implementation Guide.

The table shows validations that are enforced (ERR) on inbound Customer data, recommendations that are tracked (REC) as a part of Customer Data Quality Improvement initiatives, as well as usage that is recommended but not tracked (USG).

Dangerous Goods Information	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC / USG
Dangerous Goods Indicator	GDS C703 7085 = 11	Always provide if sending Structured DGS information in GID/DGS.	REC
Structured Dangerous Goods Detail Lines	GID/DGS	Provide with Dangerous Goods Indicator (GDS)	REC
UNDG Code	DGS C234 7124	Required for each DGS line	ERR
		Must be exactly 4 characters	ERR
		Recommend use of valid UNDG code (INTTRA does not track conformance)	USG
Proper Shipping Name	DGS/FTX 4451= AAD 4441=PSN 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 optional	Required for each DGS line	ERR
		Recommend consistency with UNDG, IMO Codes (INTTRA does not track conformance)	USG
IMO Code	DGS C205 8351	Required for each DGS line	ERR
		Recommend Use of valid IMO Code (INTTRA does not track conformance)	USG
Additional IMO Code 1	DGS C236 8246	Recommend Use of valid IMO Code (INTTRA does not track conformance)	USG
Additional IMO Code 2	DGS C236 8246	Recommend Use of valid IMO Code (INTTRA does not track conformance)	USG
Applicable DG Regulations Page Number	DGS C205 8078		
Applicable DG Regulations Version Number	DGS C205 8092		REC
Flashpoint	DGS C223 7106	Required if Flashpoint UOM is provided	ERR
Flashpoint UOM	DGS C223 6411	Required if Flashpoint is provided	ERR
		Must be one of CEL, FAH	ERR
Packing Group	DGS 8339	Must be one of 1, 2, 3	ERR
EMS Number	DGS 8364		
TREM Card Number	DGS 8126		
Technical Name	DGS/FTX 4451= AAD 4441=TN 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 optional		
General Hazmat	DGS/FTX		

Dangerous Goods Information	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC / USG
Comments	4451= AAC 4441 must be Null 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 optional		
Inhalant Hazard Indicator	DGS/FTX 4451= AAC 4441 must be IHL 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null		
Aggregation State	DGS/FTX 4451= AAC 4441 must be one of GAS, LQD, SLD 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Aggregation state must be one of GAS, LQD (Liquid), SLD (Solid)	ERR
		4441 values GAS, LQD, SLD are mutually exclusive; for a given DGS line, only one of them can apply.	ERR
Marine Pollutant Status	DGS/FTX 4451= AAC 4441 must be one of NP, P, PP 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Marine Pollutant status must be one of NP (Non Marine Pollutant), P (Marine Pollutant), PP (Severe Marine Pollutant).	ERR
		4441 values NP, P, PP are mutually exclusive; for a given DGS line, only one of them can apply.	ERR
Limited Quantity Indicator	DGS/FTX 4451= AAD 4441= TLQ 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null		
Empty Un-cleaned Receptacle	DGS/FTX 4451= HAN 4441 = 4 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null		
Intermediate Bulk Container (IBC) Package Code	DGS/FTX 4451= AAD 4441 = IBC Code 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Recommend Use of valid IBC Package Code (INTTRA does not track conformance)	USG
Placard Information	DGS/FTX 4451= HAZ 4441 must be Null 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 optional		
Radioactive Goods Additional Information	DGS/FTX 4451=AEP 4441 must be Null 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 optional		
Regulatory Information	DGS/FTX 4451= REG 4441 must be Null 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 optional		
Contact Name, Contact Phone	DGS/CTA/COM	At least one dangerous goods contact name and phone number should be provided.	REC
DGS Measurements	DGS/MEA	If sent, Measurements must be one of Net Net Weight, Net Volume, Radioactivity, Acid Concentration	ERR

Dangerous Goods Information	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC / USG
		Only one of each type of Measurements may be sent per Dangerous Goods line	ERR
		Measurement value must be provided with the associated Unit of Measure as described in the body of this Implementation Guide	ERR
		For Class 1 DGS, INTTRA recommends sending explosive weight in the net net weight.	USG

## XIV. Appendix 4 – Controlled Equipment

Controlled Equipment settings should be specified in the EQD Segment group, under each EQD loop. Settings provided for an EQD loop apply to each piece of equipment individually, and may use a mix of structured fields, EQD/TMP, EQD/HAN, EQD/MEA, and coded free text, EQD/FTX.

Controlled equipment may be either Reefer, or Hybrid equipment. The ISO Container Code list maintained by INTTRA contains a list of valid Reefer and Hybrid Equipment types, as well as their equivalent codes at INTTRA. Reefer equipment must be accompanied by set temperature or marked inoperative. Hybrid equipment may function either as controlled equipment or as standard equipment, and correspondingly may or may not be accompanied by control settings. A common example of hybrid equipment is a Tank container, which may or may not have control settings.

The following table summarizes the available settings for controlled equipment, the corresponding EDI segments, validations that are enforced (ERR) on inbound Customer data, and recommendations that are tracked (REC) as a part of Customer Data Quality Improvement initiatives.

Setting	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC
Equipment Type Code	EQD C224, 8155	Must be a valid ISO code.	ERR
		If container is Reefer type, provide with either NAR or Set temperature	ERR
Non Active Setting (NAR)	EQD/HAN	Can only be sent with Reefer or Hybrid Equipment	ERR
		Mutually exclusive with Set temperature	ERR
		INTTRA recommends that a single booking not have a mix of NAR and active Controlled Equipment	REC
Set Temperature	EQD/TMP	Can only be sent with Reefer or Hybrid Equipment	ERR
		Mutually exclusive with NAR Setting	ERR
		Set temperature must be the same for all active controlled equipment on a single Booking Exception : If carrier is configured to accept multiple temperature settings on a single Booking no error will be generated	ERR
		Provide with Controlled Equipment Indicator	REC
Controlled Equipment Indicator	GDS C703 7085 = 14	Provide for Booking with active controlled equipment	REC
Temperature Control Instructions	EQD/FTX 4451= AEB 4441 must be Null 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 optional	Only for active reefer/hybrid ( <i>viz.</i> with TMP setting)	ERR
Equipment Control Atmosphere Indicator	EQD/FTX 4451= AEB 4441= ECA 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
		Mutually exclusive with Vent Open setting	ERR
		Provide with controlled atmosphere measurements	REC
Super freezer service Indicator	EQD/FTX 4451= AEB 4441= FRZ 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
Humidification Required Indicator	EQD/FTX 4451= AEB 4441= HUM 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
		Provide with humidity measurements	REC
Genset Required Indicator	EQD/FTX 4451= AEB 4441= GEN	Only for active reefer/hybrid	ERR

Setting	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC
	1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null		
In-transit cold sterilization service Indicator	EQD/FTX 4451= AEB 4441= ICT 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
Number of USD Probes	EQD/FTX 4451= AEB 4441= ICP 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
		Provide with In-transit cold sterilization service Indicator	REC
Number of Reefer Probes	EQD/FTX 4451= AEB 4441= NTP 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
Temperature Variance	EQD/FTX 4451= AEB 4441= TVA 1 <sup>st</sup> 4440 required 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
Vent Open	EQD/FTX 4451= AEB 4441= VTO 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
		Mutually exclusive with Vent Closed setting	ERR
		Mutually exclusive with Equipment Control Atmosphere Indicator	ERR
		Provide with Airflow measurement	REC
Vent Closed	EQD/FTX 4451= AEB 4441= VTC 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Only for active reefer/hybrid	ERR
		Mutually exclusive with Vent Open setting	ERR
Humidity	EQD/MEA	Provide only with Humidity Required Indicator	REC
Controlled Atmosphere (CO2/ N2/ O2)	EQD/MEA	Provide only with Equipment Control Atmosphere Indicator	REC
Airflow	EQD/MEA	Provide only with Vent Open Setting	REC

## XV. Appendix 5 – Equipment Special Services

This Appendix describes how Customers may use the IFTMBF Transaction Set to request Special Handling or Special Services for equipment on a booking. All the data is provided in structured free text in the EQD Segment Group.

Handling / Service	EQD/ FTX Segment Group Elements, Qualifiers	Validations (ERR)
Stow above Deck	4451= HAN 4441= SAD 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Mutually Exclusive with Stow below Deck
Stow below Deck	4451= HAN 4441= SBD 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	Mutually Exclusive with Stow above Deck
Equipment must be Cleaned	4451= SSR 4441= CLN 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	
Food Grade Equipment requested	4451= SSR 4441= FGE 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	
Equipment should be Fumigated	4451= SSR 4441= FMG 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	
Equipment should be fitted for Garment on hangers	4451= SSR 4441= GOH 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	
Heavy Weight Tested Equipment Requested	4451= SSR 4441= HTE 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	
Equipment must be Swept	4451= SSR 4441= SWP 1 <sup>st</sup> 4440 must be Null 2 <sup>nd</sup> 4440 must be Null	

## **XVI. Appendix 6 – Booking Split Conventions**

This appendix -

1. Provides an overview of the Splits functionality
2. Provides recommendations for Customer interaction with Split Bookings and describes how INTTRA manages these interactions.
3. Provides a set of examples illustrating the recommendations and conventions described in the preceding sections.

This Appendix is a companion appendix to the IFTMBC Appendix 6, Booking Split Conventions. The latter describes and illustrates how INTTRA manages carrier initiated splits of both INTTRA and standalone bookings, and how customers will be notified of Split activity.

### **A. Splits Overview**

Splits are initiated by carriers.

By definition, a split results in the creation of one or more new bookings. These new bookings are ‘split’ from the parent booking. Terminated bookings cannot be split. Bookings in any other state can be split. The new bookings arising from a split may be in Pending, Confirmed or Terminated (Declined) status.

Splits are discrete bookings. Each will have its own INTTRA Ref. In the INTTRA repository, split bookings are linked to their predecessors using the linking information provided by the Carrier in the incoming booking transactions.

For bookings originally requested through INTTRA that are subject to Carrier split activity, INTTRA will include the Shipment ID of the original Customer booking Request in the split transaction sent to the Customer. This means that the Customer will receive multiple INTTRA Reference values for a given Shipment ID, one for each split. Customers are also likely to receive multiple Carrier Booking Numbers for a given Shipment ID, one for each confirmed split arising from the original request. A confirmed split will have its own OCBN. A terminated split may have its own OCBN. Please refer to Appendix 6 (Booking Split Convention) of the IFTMBC Implementation Guide for a detailed description of how Customers are notified of splits.

Splits of INTTRA bookings are accessible to the customer-provided parties that have access to the parent, access meaning on-line access and status event and booking subscriptions. Split transactions inherit push recipients assigned by the customer to the parent.

When splitting a booking, INTTRA recommends that carriers make sure to make the appropriate adjustments to the original, either adjusting it and placing it in an active status (Confirmed) or indicating that it has been replaced entirely by splits.

If a Booking has been fully replaced with splits, it can no longer be updated by the Carrier; Carrier transactions that attempt to change the status of a Replaced booking will be failed.

In general, Carrier & Customer interactions with split bookings are resolved at the level of individual bookings.

The subsequent sections of this Appendix describe INTTRA’s recommendations for Customer interaction with Split bookings, and the conventions used by INTTRA to manage these interactions.

### **B. Resolution of Customer Action on Bookings that have been Split**

Although related to their predecessors, Splits are new bookings with their own identifiers in the INTTRA system and in the systems and processes maintained by Carriers. As a consequence of this, INTTRA requires that Customers address each split as a discrete booking when taking action on bookings that have been split by the Carrier. Specifically, INTTRA requires that Customers provide the INTTRA Ref of the Split booking or its OCBN in addition to the Shipment ID to ensure that amendment or cancellation transactions have the desired affect on the specific set of equipment for which the transaction is intended.



If the customer provides only the Shipment ID in an Amendment or Cancellation transaction for a booking that has active splits associated with it, INTTRA will fail the transaction because it is ambiguous. This will be the case regardless of the status of the target booking – Active, Replaced or Terminated.

Please consider the following example -

A request for 6 containers is split by the carrier who reduces the container count on the original booking to 2 and creates two splits, each with 2 containers. The carrier confirms all three of the 2 container bookings. The customer wants to change 2 of the containers to high cube, but is able only to provide the Shipment ID of the original booking in the amendment transaction. Rather than guess at the intent, INTTRA will fail the Amendment transaction..

When the customer provides the INTTRA Reference of a booking in an amendment or cancellation transaction, INTTRA applies that transaction only to the specific booking identified by the incoming INTTRA Ref. If the booking identified by the incoming INTTRA Ref is in 'Replaced' status, the amendment will be failed and cancellation will be ignored by INTTRA.

When the customer provides the INTTRA Ref and the Shipment ID of a booking in an amendment or cancellation transaction, the INTTRA Ref takes precedence as the identifier for the target booking. As above, INTTRA applies that transaction only to the specific booking identified by the incoming INTTRA Ref. If the booking identified by the incoming INTTRA Ref is in 'Replaced' status, the amendment will be failed and the cancellation will be ignored. Note that if the incoming Shipment ID is different than that on the target booking, the Shipment ID on the booking will be updated. In this way, customers can assign new Shipment ID's to split bookings using the INTTRA Ref of the split.

The customer may also provide OCBN in an incoming amendment or cancellation transaction. When OCBN is provided by the customer with an INTTRA Ref, the INTTRA Ref will take precedence for identification of the target booking and the incoming OCBN must match the OCBN of the booking identified by the INTTRA Ref or the incoming transaction will be failed. If the booking identified by the incoming INTTRA Ref is in 'Replaced' status, the amendment will be failed and the cancellation will be ignored.

If the OCBN is provided with only the Shipment ID, the OCBN must match either the OCBN of the booking identified by the Shipment ID or it must match the OCBN of a split associated with the parent booking matched by the incoming Shipment ID. If neither of these conditions is met, the incoming transaction will be failed. The incoming transaction is applied to the single booking with the OCBN match as long as it is not in Replaced status. If the booking identified by the incoming INTTRA Ref is in 'Replaced' status, the amendment will be failed and the cancellation will be ignored. Note that the customer cannot change the OCBN under any circumstance.

**To reiterate:**

1. When INTTRA Ref is provided by the customer it will take precedence over any other identifier provided for determination of the target booking and will always resolve to a single booking. If a Booking Number (OCBN) is provided with an INTTRA Ref, the incoming OCBN must match the OCBN on the target or, the incoming transaction will be rejected. The Shipment ID provided with an INTTRA Ref will replace the value of the Shipment ID on the target booking.
2. When INTTRA Ref is not provided, determination of target bookings is resolved as follows. Shipment ID and Booking Number resolve to the single booking with the Shipment ID and OCBN. If there is no match for the OCBN, the incoming transaction will be rejected. Shipment ID alone resolves to the booking with the Shipment ID and if that booking has splits associated with it, the transaction will be failed..
3. In all cases, if the incoming amendment is resolved to a Booking in Replaced status, it will be failed. Also, if the incoming cancellation is resolved to a Booking in Replaced status, it will be ignored.

**State Transition Resolution for Bookings in Replaced Status:**

Prior State	Current State	Allowed	Initiator	Comment
Replaced	Amended	N	Customer	A replaced transaction cannot be amended.
Replaced	Cancelled	I	Customer	Cancellation of Replaced Bookings will be ignored by INTTRA.
Replaced	Declined	N	Carrier	Carrier cannot action a transaction that has been replaced.

Prior State	Current State	Allowed	Initiator	Comment
Replaced	Confirmed	N	Carrier	Carrier cannot action a transaction that has been replaced.
Replaced	Pending	N	Carrier	Carrier cannot action a transaction that has been replaced.
Replaced	Replaced	N	Carrier	Error. A Booking that has been Replaced cannot be Replaced again.
Replaced	Requested	N	Customer	Shipment ID cannot be re-used when associated with a Replaced booking.
Replaced	Null	N		Invalid message.

Legends used in the table above:  
Not Allowed State Transition: N  
Ignored State Transition: I

### C. Illustrative Examples

#### 6.1 Amendment of a Split Booking with an Active Original; Customer Provides Shipment ID; Transaction is Failed.

##### Confirm of Original Request (to Customer) (container count reduced to 2)

```
UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10084'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+SHPID209983287+6+AP'           -- Customer Shipment Id
.
RFF+BN:CBN6600001'                       -- Carrier Booking Number
RFF+ZZZ+2900000021'                       -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+2:2'                                   -- 2 Containers confirmed
```

##### Split 1 of Original Request (to Customer) (2 containers)

```
UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10085'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+SHPID209983287+54+AP'           -- Customer Shipment Id
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 2900000021'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN:CBN6600001_1'                       -- Carrier Booking Number
RFF+ZZZ+2900000022'                       -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

##### Split 2 of Original Request (to Customer) (2 containers)

```
UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10086'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+SHPID209983287+54+AP'           -- Customer Shipment Id
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 2900000021'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN:CBN6600001_2'                       -- Carrier Booking Number
RFF+ZZZ+2900000023'                       -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

**Amendment from Customer**

UNB+UNOC:3+ CUSTOMEREDIID :ZZZ+INTTRANG2:ZZZ+071004:1051+22110084'  
UNH+1+IFTMBF:D:99B:UN:2.0'  
BGM+335+SHPID209983287+4' -- Shipment ID  
.  
FTX+AES+++CHANGED PLACE OF RECEIPT FROM BALTIMORE MD TO ELIZABETH NJ'  
.  
LOC+88+USELZ:181:6:ELIZABETH'  
LOC+7+NLRMT:181:6:ROTTERDAM'  
.  
EQD+CN++45G0:102:5'  
EQN+6:2'

**Amendment from Customer Failed:** Identifier in incoming transaction is ambiguous. It is not possible to determine which booking should be amended. Customer must provided INTTRA Ref and/or OCBN along with the Shipment ID of the specific booking to be amended. If the intent is to amend all three bookings, an amendment transaction identifying each by INTTRA Ref and/or OCBN along with Shipment ID must be provided.

**6.2 Amendment of a Split Booking with a Replaced Original; Customer Provides Shipment ID and INTTRA Ref of specific Booking to be amended**

**Replace of Original Request (to Customer) (splits to follow)**

UNB+UNOC:3+INTTRANG2:ZZZ+ CUSTOMEREDIID:ZZZ+070929:1151+12043'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID337783287+17' -- Customer Shipment Id  
.  
RFF+ZZZ+6720000011' -- INTTRA Ref

**Split 1of Original Request (to Customer) (2 containers)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10085'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID337783287+54+AP' -- Customer Shipment Id  
.  
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 6720000011'  
FTX+CHG++RLD:218:ZZZ'  
.  
RFF+BN:CBN5110001\_1' -- Carrier Booking Number  
RFF+ZZZ+6720000012' -- INTTRA Ref  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'

**Split 2 of Original Request (to Customer) (2 containers)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10086'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID337783287+54+AP' -- Customer Shipment Id  
.  
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 6720000011'  
FTX+CHG++RLD:218:ZZZ'  
.  
RFF+BN:CBN5110001\_2' -- Carrier Booking Number  
RFF+ZZZ+6720000013' -- INTTRA Ref  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'

**Amendment for Split 1 from Customer; specifically identified with INTTRA Reference**

UNB+UNOC:3+ CUSTOMEREDIID :ZZZ+INTTRANG2:ZZZ+071004:1051+22110084'  
UNH+1+IFTMBF:D:99B:UN:2.0'  
BGM+335+SHPID337783287+4' -- Customer Shipment Id

.  
 FTX+AES+++CHANGED LATEST DELIVERY DATE '  
 .  
 LOC+88+USELZ:181:6:ELIZABETH '  
 LOC+7+NLRTM:181:6:ROTTERDAM '  
 DTM+63+20071124:102 '  
 .  
 RFF+ZZZ+6720000012 ' -- INTTRA Ref of Split 1  
 .  
 EQD+CN++45G0:102:5 '  
 EQN+6:2 '

**Outbound Amendment to the Carrier**

**Amendment for Split 1**

UNB+UNOC:3+INTTRANG2:ZZZ+CARRIER\_ID:ZZZ+071004:1100+38476533084 '  
 UNH+1+IFTMBF:D:99B:UN:2.0 '  
 BGM+335:::INTTRA\_Link+6720000012:3.8+4 ' -- INTTRA Ref

.  
 FTX+AES+++CHANGED LATEST DELIVERY DATE '  
 FTX+ACB+++LATEST DELIVERY DATE CHANGED '  
 .  
 LOC+88+USELZ:181:6:ELIZABETH '  
 LOC+7+NLRTM:181:6:ROTTERDAM '  
 DTM+63+20071124:102 '  
 .  
 RFF+BN:CBN5110001\_1 ' -- Carrier Booking Number  
 .  
 EQD+CN++45G0:102:5 '  
 EQN+6:2 '

**6.3 Customer Amendment of a Split Booking with an Active Original; Customer Provides Shipment ID and INTTRA Ref.**

**Confirm of Original Request (to Customer) (container count reduced to 2)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10084 '  
 UNH+1+IFTMBC:D:99B:UN:2.0 '  
 BGM+770+SHPID219983287+6+AP ' -- Customer Shipment Id  
 .  
 RFF+BN:CBN6700001 ' -- Carrier Booking Number  
 RFF+ZZZ+2900000121 ' -- INTTRA Ref  
 .  
 EQD+CN++45G0:102:5 '  
 EQN+2:2 '  
 2 Containers confirmed

**Split 1 of Original Request (to Customer) (2 containers)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10085 '  
 UNH+1+IFTMBC:D:99B:UN:2.0 '  
 BGM+770+SHPID219983287+54+AP ' -- Customer Shipment Id

.  
 FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 2900000121 '  
 FTX+CHG++RLD:218:ZZZ '  
 .  
 RFF+BN:CBN6700001\_1 ' -- Carrier Booking Number  
 RFF+ZZZ+2900000122 ' -- INTTRA Ref

.  
 EQD+CN++45G0:102:5 '  
 EQN+2:2 '

**Split 2 of Original Request (to Customer) (2 containers)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10086'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID219983287+54+AP' -- *Customer Shipment Id*  
.  
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 2900000121'  
FTX+CHG++RLD:218:ZZZ'  
.  
RFF+BN:CBN6700001\_2' -- *Carrier Booking Number*  
RFF+ZZZ+2900000123' -- *INTTRA Ref*  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'

**Amendment from Customer (specifically identifying a single INTTRA Reference)**

UNB+UNOC:3+ CUSTOMEREDIID :ZZZ+INTTRANG2:ZZZ+071004:1051+22110084'  
UNH+1+IFTMBF:D:99B:UN:2.0'  
BGM+335+ SHPID219983287+4' -- *Customer Shipment Id*  
.  
FTX+AES+++CHANGED PLACE OF RECEIPT FROM BALTIMORE MD TO ELIZABETH NJ'  
.  
LOC+88+USELZ:181:6:ELIZABETH'  
LOC+7+NLRTM:181:6:ROTTERDAM'  
.  
RFF+ZZZ+2900000122' -- *INTTRA Ref*  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'

**Outbound Amendment to the Carrier**

**Amendment of Split 1 (Specifically identified by Customer using INTTRA Ref)**

UNB+UNOC:3+INTTRANG2:ZZZ+CARRIER\_ID:ZZZ+071004:1100+38476533085'  
UNH+1+IFTMBF:D:99B:UN:2.0'  
BGM+335:::INTTRA\_Link+2900000122:3.8+4' -- *INTTRA Ref*  
.  
FTX+AES+++CHANGED PLACE OF RECEIPT FROM BALTIMORE MD TO ELIZABETH NJ'  
FTX+ACB+++PLACE OF RECEIPT CHANGED'  
.  
LOC+88+USELZ:181:6:ELIZABETH'  
LOC+7+NLRTM:181:6:ROTTERDAM'  
.  
RFF+BN:CBN6700001\_1' -- *Carrier Booking Number*  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'

**6.4 Customer Amendment of a Split Booking with an Active Original; Customer Provides Shipment ID and Carrier Booking Number**

**Confirm of Original Request (to Customer) (container count reduced to 2)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10084'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID22983287+6+AP' -- *Customer Shipment Id*  
.  
RFF+BN:CBN6800001' -- *Carrier Booking Number*  
RFF+ZZZ+2990000021' -- *INTTRA Ref*  
.  
EQD+CN++45G0:102:5'  
EQN+2:2' -- *2 Containers confirmed*

**Split 1 of Original Request (to Customer) (2 containers)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10085'

UNH+1+IFTMBC:D:99B:UN:2.0'

BGM+770+SHPID22983287+54+AP' -- Customer Shipment Id

FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 2990000021'

FTX+CHG++RLD:218:ZZZ'

RFF+BN:CBN6800001\_1' -- Carrier Booking Number

RFF+ZZZ+2990000022' -- INTTRA Ref

EQD+CN++45G0:102:5'

EQN+2:2'

**Split 2 of Original Request (to Customer) (2 containers)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10086'

UNH+1+IFTMBC:D:99B:UN:2.0'

BGM+770+SHPID22983287+54+AP' -- Customer Shipment Id

FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 2990000021'

FTX+CHG++RLD:218:ZZZ'

RFF+BN:CBN6800001\_2' -- Carrier Booking Number

RFF+ZZZ+2990000023' -- INTTRA Ref

EQD+CN++45G0:102:5'

EQN+2:2'

**Amendment from Customer (specifically identifying a single Booking Number)**

UNB+UNOC:3+ CUSTOMEREDIID :ZZZ+INTTRANG2:ZZZ+071004:1051+22110084'

UNH+1+IFTMBF:D:99B:UN:2.0'

BGM+335+SHPID22983287+4' -- Customer Shipment Id

FTX+AES+++CHANGED PLACE OF RECEIPT FROM BALTIMORE MD TO ELIZABETH NJ'

LOC+88+USELZ:181:6:ELIZABETH'

LOC+7+NLRMTM:181:6:ROTTERDAM'

RFF+BN:CBN6800001\_2' -- Carrier Booking Number

EQD+CN++45G0:102:5'

EQN+2:2'

**Outbound Amendment to the Carrier**

**Amendment of Split 2 (Specifically identified by Customer using the Carrier Booking Number.)**

UNB+UNOC:3+INTTRANG2:ZZZ+CARRIER\_ID:ZZZ+071004:1100+38476533085'

UNH+1+IFTMBF:D:99B:UN:2.0'

BGM+335:::INTTRA\_Link+2990000023:3.8+4' -- INTTRA Ref

FTX+AES+++CHANGED PLACE OF RECEIPT FROM BALTIMORE MD TO ELIZABETH NJ'

FTX+ACB+++PLACE OF RECEIPT CHANGED'

LOC+88+USELZ:181:6:ELIZABETH'

LOC+7+NLRMTM:181:6:ROTTERDAM'

RFF+BN:CBN6800001\_2' -- Carrier Booking Number

EQD+CN++45G0:102:5'

EQN+2:2'

**6.5 Customer Amendment of a Split Booking with an Active Original; Customer Provides Shipment ID, INTTRA Ref and Carrier Booking Number.**

**Confirm of Original Request (to Customer) (container count reduced to 2)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10084'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID239983287+6+AP' -- Customer Shipment Id  
.  
RFF+BN:CBN6610001' -- Carrier Booking Number  
RFF+ZZZ+3900000021' -- INTTRA Ref  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'  
2 Containers confirmed

**Split 1 of Original Request (to Customer) (2 containers)**

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10085'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID239983287+54+AP' -- Customer Shipment Id  
.  
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 3900000021'  
FTX+CHG++RLD:218:ZZZ'  
.  
RFF+BN:CBN6610001\_1' -- Carrier Booking Number  
RFF+ZZZ+3900000022' -- INTTRA Ref  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'

**Split 2 of Original Request (to Customer) (2 containers)**

---

UNB+UNOC:3+INTTRANG2:ZZZ+CUSTOMEREDIID:ZZZ+070929:1151+10086'  
UNH+1+IFTMBC:D:99B:UN:2.0'  
BGM+770+SHPID239983287+54+AP' -- Customer Shipment Id  
.  
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 3900000021'  
FTX+CHG++RLD:218:ZZZ'  
.  
RFF+BN:CBN6610001\_2' -- Carrier Booking Number  
RFF+ZZZ+3900000023' -- INTTRA Ref  
.  
EQD+CN++45G0:102:5'  
EQN+2:2'

**Amendment from Customer**

---

UNB+UNOC:3+ CUSTOMEREDIID :ZZZ+INTTRANG2:ZZZ+071004:1051+22110084'  
UNH+1+IFTMBF:D:99B:UN:2.0'  
BGM+335+SHPID239983287+4' -- Customer Shipment Id  
.  
FTX+AES+++CHANGED PLACE OF RECEIPT FROM BALTIMORE MD TO ELIZABETH NJ'  
.  
LOC+88+USELZ:181:6:ELIZABETH'  
LOC+7+NLRTM:181:6:ROTTERDAM'  
.  
RFF+BN:CBN6610001\_2' -- Carrier Booking Number  
RFF+ZZZ+3900000021' -- INTTRA Ref  
.  
EQD+CN++45G0:102:5'

EQN+2 : 2 '

**Amendment from Customer Failed:** Carrier Booking Number in the incoming amendment does not match Carrier Booking Number associated to booking with INTTRA Ref 3900000021. Correct Carrier Booking Number is CBN6610001