IFTMBC Booking Confirmation
From Carrier
To INTTRA
EDIFACT Version D Release 99B

Addendum to User Guide
Version 2.4

With added VGM CUT-OFF information

Table of Contents

I. Audience

This document is intended for business, technical and EDI personnel engaged in establishing an electronic connection with INTTRA for the purpose of submitting booking confirmation messages to INTTRA Customers via INTTRA's version of EDIFACT IFTMBC (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

Carriers 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 IFTMBC transaction set supported by INTTRA.

Carriers may use the IFTMBC transaction set to confirm requested or amended bookings, put bookings into pending state, update bookings in pending or confirmed state, and to decline or replace bookings. The IFTMBC message supports both INTTRA bookings, *viz*. bookings received from the customer through INTTRA's portal, and Standalone bookings, *viz*. bookings requested through a channel other than the INTTRA portal.

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 valid, invalid, or ignored by INTTRA.

Valid 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.

Invalid state transitions will cause transactions to fail at INTTRA. Also, INTTRA will generate failure notifications for attempted 'Not Allowed' state transitions. Carriers 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 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)

B. 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	✘	✘	✘	✘	✘	✘	✘

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[1].

C. Carrier Booking Splits

The IFTMBC message supports a set of conventions to be used by Carriers to indicate the details of a booking split, the condition in which one or more containers from one active booking are moved to a new booking. Booking splits may occur at any of the supported carrier-initiated state transitions except Decline. Please see 'Booking Split Conventions', Appendix 6, for a detailed explanation of split handling.

D. Changing Carrier within a group

INTTRA allows carriers to re-route bookings 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. Carriers should contact the INTTRA Carrier Account Management group to configure this facility for the participating carriers in their group. Appendix 1 (Carrier IFTMBC Use Cases) includes an example to illustrate this functionality.

Customer transactions inbound to INTTRA may contain either the original carrier or the new carrier of record. 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.

[1] Replace/Replaced states are associated with Booking Split processing.

E. Carrier Transaction Matching, Key Identifiers

Carrier responses to un-split INTTRA bookings are matched to target bookings in the INTTRA Portal using the INTTRA Reference number. No other references on the booking will be used to find target INTTRA Bookings. Splits of INTTRA Bookings may be identified by either their Booking Number or INTTRA Reference. For transactions that split bookings, the INTTRA Reference number identifies the target (parent) booking that is being Split; otherwise it identifies the target INTTRA Booking to be updated by the transaction. See 'Booking Split Conventions', Appendix 6, for a detailed discussion of Splits.

INTTRA identifies Standalone bookings (bookings not originated through INTTRA) only by the combination of Carrier Id and Booking Number. If an INTTRA reference number is provided on a standalone transaction, the transaction will fail; *viz.* if a carrier transaction contains an INTTRA Reference, INTTRA expects to find a matching INTTRA Booking for that INTTRA Reference. For carrier initiated splits of Standalone Bookings, the Parent Booking Number must be provided. The combination of Parent Booking Number and Carrier Id will be used to identify the Parent Booking transaction being split. See 'Booking Split Conventions', Appendix 6, for a detailed discussion of Splits.

The Carrier party is mandatory on all Carrier transactions. For INTTRA Bookings, the Carrier may be changed in the very first response to an INTTRA booking, for those carriers configured to operate as a group. Thereafter, the Carrier must always match the new carrier of record on the booking. For standalone bookings, the Carrier in all subsequent carrier transactions must match the original carrier provided on the first carrier booking transaction.

Booking number is mandatory for all Confirmations, and carrier initiated splits in Confirmed or Pending state, for both INTTRA and standalone bookings. Booking Number may also be provided on Pending, Replace and Decline transactions, and in carrier initiated splits in Decline state.

The combination of Carrier Id and Booking Number must be unique among all active and replaced bookings, both INTTRA and standalone. The uniqueness applies irrespective of assignment method – viz., whether it is a Shipper Managed Booking Number (SMBN) provided in the Customer Request, a Rapid Reservation Number (RR) assigned by INTTRA from a pre-authorized pool of numbers allotted by the carrier, or a Carrier Booking Number provided in a transaction by the Carrier. Any transaction that violates this rule will be failed. Note that Booking Numbers on inactive bookings (previous versions, or current versions of bookings in cancelled or declined state) may be reused by the Carrier on another active booking. Booking Numbers on bookings in Replaced state cannot be reused.

If a Booking Number is provided on a carrier response to an INTTRA Booking, it will become the new active Booking Number for the Booking. For a standalone booking, the carrier can only update the Booking Number via a Replacement transaction using the Split conventions (See 'Booking Split Conventions', Appendix 6). Otherwise, INTTRA has no way of distinguishing an updated Booking Number from a new standalone booking for a particular carrier.

If provided on an INTTRA Booking, the Booker must match the Booker on the original Booking request. If not, the transaction will be failed.

F. 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.

Un-split EDI (INTTRA Link) and Desktop bookings are identified by a unique combination of Customer Shipment Id and Booker Party, both of which are mandatory for bookings made on these channels.

On a new booking request, Customer Shipment ID must be unique among all Active and Replaced bookings. 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 may not be reused. See 'Booking Split Conventions', Appendix 6, for a detailed treatment of Split handling.

For Link and Desktop bookings, subsequent Amendments and Cancellation transactions will be resolved at the level of detail provided by the Customer. When INTTRA Ref is provided, it takes precedence as the identifier for existing bookings and must resolve to a single INTTRA booking. Customers may also elect to provide Shipment ID alone for Un Split Bookings, Shipment ID with an INTTRA Reference for Split & Un Split Bookings or Shipment ID with a Carrier Booking Number for Split & Un Split Bookings.

- Shipment ID alone (along with Booker) must resolve to a single Booking Request. If the request has active associated splits, the incoming transaction identified by Shipment ID alone will be failed by INTTRA.

- When Shipment ID is provided with an INTTRA Reference, it will replace the Shipment ID associated with the booking indicated by the INTTRA Reference.

- When a Carrier Booking Number is provided with a Shipment ID, it must match the OCBN for the Booking with the Shipment ID or the OCBN of one of the splits associated with the Booking with the matching Shipment ID. In this case, the target record will be the only record that matches both Shipment ID and Carrier Booking Number (OCBN.) If a match is not found, the incoming transaction will be failed by INTTRA.

Customers cannot change INTTRA Reference number or Booking Number on Amendments or Cancellations. Please see 'Booking Split Conventions', Appendix 6 for a detailed discussion of Split handling.

The Carrier Party is mandatory on all Customer booking transactions. The Carrier Party on subsequent customer transactions must match the original carrier on the booking, except in the event of carrier brand change within group, in which case it may either match the original carrier on the booking, or the new carrier of record provided in the first carrier response to the customer booking request. See the section on Carrier Brand change for additional detail.

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 when they are only present on terminated transactions (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, inactive or replaced. Any Customer new Request transaction that violates this rule will be failed.

IV. General Conventions

A. Message Content

The INTTRA IFTMBC message set is designed so that carriers 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 must be complete and valid according to the rules contained in this

specification. ***For maximum efficiency, messages should conform to the INTTRA recommendations for usage contained in the body of the Implementation Guide.***

Note, though, 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. However, by putting in place explicit recommendations for use, INTTRA offers customers and carriers a specific guideline for streamlining their connections.

INTTRA expects carriers to provide data as soon as it becomes available in the confirmation cycle. Expectations on recommended data may be fulfilled by the carrier with the first carrier response, or cumulatively in subsequent confirmation updates. By tracking conformance with recommendations, INTTRA supports data quality improvement initiatives and can report on transactional data quality measured according to the recommendations in this guide.

B. Data Management

For IFTMBC transactions, INTTRA will only relay data provided by the carrier. INTTRA will not merge data from prior booking versions, except to include customer provided references on the outbound message to the customer, under customer preference control.

INTTRA will maintain a history of all the transactions in a booking's life cycle. Carriers may provide a summary of changes which will be stored and sent to the Customer. In addition, INTTRA detects and reports differences between subsequent versions based on sections of data present on the 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'. Since Difference Reporting (Diff) focuses on data that is provided, it follows that it is most efficient when transactions are used to only convey data that is pertinent to the business case, as noted above.

INTTRA will use the following method when supplementing an EDI notification of a Carrier transaction with customer-provided references.

- Carrier controlled references – Booking Number ('BN'), Parent Booking Number ('AGO'), Local Booking Number ('CN'), BL Number ('BM'), Release Number ('RE') and Outbound Booking Agent's Reference ('AGE') – Always supersede customer provided values for the same types.
- Customer controlled references – Shipper's Reference, Freight Forwarder's Reference, Consignee's Reference, Contract Party's Reference, Purchase Order Number, Vehicle Identification Number and Export License Number always supersede Carrier provided values for the same types.
- Carrier provided Tariff or Contract numbers will supersede customer provided values of the same type. Because Tariff and Contract Numbers are mutually exclusive, either value supplied by the carrier will supersede either value provided by the customer.
- Reference precedence is by type, not individual value. Carrier provided values for a carrier controlled type are the only values provided for that type. Similarly, customer provided values for a customer controlled type are the only values provided for that type.

Email notifications will contain all references provided by the carrier, as well as supplementary references requested by the customer.

Diff will not consider references provided by supplementation. Diff will only consider references provided by the carrier. Note that carrier-initiated splits are eligible for reference supplementation using the reference from the parent 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 standalone 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 notification of Carrier Confirm, Pending, Replace and Decline transactions and Customer Request, Amendments and Cancellations 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. Carriers must specify the email address on every carrier transaction that they want notified. This feature is not available with Decline or Replace transactions. Appendix 1 (Carrier IFTMBC Use Cases) illustrates the use of this feature for an active (*viz.* non-terminating) carrier transaction.

Advisory Charge information provided on a Customer booking request as well as charge information referenced 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 Format Conventions

This section of the Implementation Guide describes format and usage conventions for specific sections of the IFTMBC message set. Unless otherwise noted, this discussion applies to both INTTRA and standalone booking responses.

A. Character Set Support

The character set supported by INTTRA is the UNOC UN/ECE level C, as defined in ISO-8859-1character 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 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

Characters outside of the range of Hex 0x01 to 0xFF are not supported by INTTRA and should not be sent. Character entities (Ex. ') should not be used. These values will not be resolved by INTTRA and may cause delays in transaction processing. General entities (Ex. &) 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. Data 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 IFTMBC message. These validations are strictly applied, and any coded values sent must conform to the published code lists maintained at INTTRA. Check Carrier's Corner 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 carrier response. 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 carrier will be sent to the customer. If a package code is supplied without any package description literals, INTTRA may send literals from its master tables, under preference control by the customer.

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.

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 Carrier 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 carriers 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 Carrier Account 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 customer processing, this is referred to in the Implementation Guide (IG) as Carrier Geography Alias.

2. Provide a clear location name in lieu of a code. In this case, INTTRA recommends that carriers 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.

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 carrier will be sent to the customer. 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 customer.

F. Coded Parties

When parties are provided, 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. Carrier 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.

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 carrier.

When parties are provided, INTTRA recommends that the carrier 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 carrier will be sent to the customer. 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 customer.

G. Additional recommended code lists

Additionally, INTTRA recommends the use of the following standard code lists when applicable. Values in the message will not be validated against these code lists; however INTTRA recommends that messages contain 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
- Intermediate Bulk Container (IBC) Package Codes for Hazardous goods

H. Reference Numbers

The primary use of references in INTTRA's message is for human and system communication and search. Hence, INTTRA recommends that only one reference value be provided per qualifier; please do not place multiple references, separated by commas, into a single element.

VII. Message Usage Summary

A. Carrier Booking Confirmations

INTTRA supports multiple styles of carrier responses using the IFTMBC message.

The IFTMBC message allows confirmation of a booking request (or amendment) with minimal information. This may be appropriate for recurring bookings or for bookings in which the customer has provided all of the salient details and does not require specific acknowledgment at a detailed level.

The IFTMBC message also caters for a 'cumulative' confirmation. In this case, the carrier can provide a quick initial confirmation with minimal information and additional operational detail as it becomes available. This may be appropriate for markets with limited capacity or for highly competitive markets or for customers that need an immediate response to forward their own operations (e.g., SAP) but that do not require all operational details in the first response.

The IFTMBC message also offers a 'PENDING' response, which can be used to provide a quick response to bookings that are pending confirmation, by informing customers of the Pending reason. While the mandatory data requirement on a Pending message is minimal, carriers have the option of providing any information that can normally be sent on a confirmation message, in a Pending message. Note that the Pending state is transparent to carriers that do not support Pending states, as well as to transactions that do not require it.

The IFTMBC message allows carriers to update information on a confirmed booking, or a booking in Pending state at any point in the booking cycle.

The detailed use cases in Appendix 1 (Carrier IFTMBC Use Cases) at the end of the message specification describe how to use the various segments of the IFTMBC to represent specific business data, with illustrative examples.

B. Carrier Initiated split of a Booking

With this release of the IFTMBC, Carriers can use the message to convey information about split bookings to customers. The child bookings (splits) may be in confirmed, pending or declined state. The source booking can continue to exist as a booking with a reduced count of containers, or be replaced. 'Booking Split Conventions', Appendix 6 describes the processing of carrier initiated splits.

Once created, splits are treated exactly like other bookings, subject to the same set of requirements and recommendations.

C. Declining a Booking

In the interests of streamlining the processing of terminating transactions INTTRA only processes transaction identifiers, transaction contact, transaction assembled date time and carrier comments on a Declination. Transaction identifiers include INTTRA reference, Carrier Party, Booking number. Additionally, for split bookings, Parent Booking number, Split reasons and Split comments will be processed. All other data is ignored by INTTRA. In the same vein, INTTRA ignores carrier or customer terminations to already terminated Bookings.

Note that carriers cannot provide transaction email notification recipients in a terminating transaction. This feature is limited to active transactions (Confirmations, Pending Confirmations) only.

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

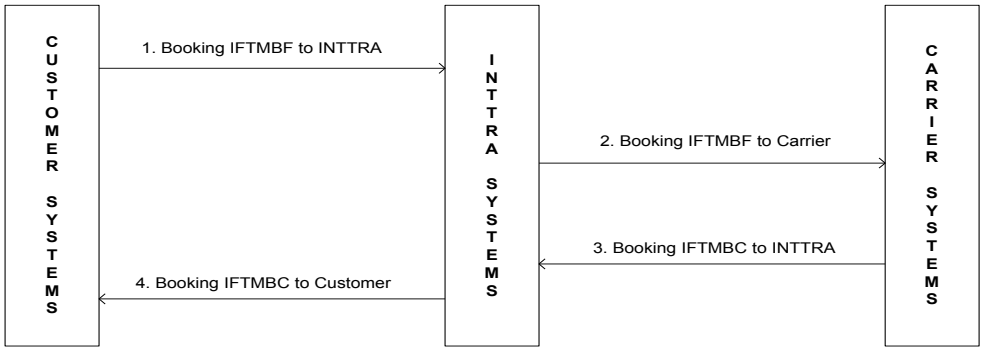
Act or INTTRA Desktop). This means that the customer initiated the booking request with the carrier through a direct (or non-INTTRA channel) and the confirmation was then sent to INTTRA by the carrier. These are also referred to as a "non-INTTRA booking".

INTTRA only processes those standalone bookings that have at least one registered INTTRA party, other than the carrier, on the first version sent to INTTRA. Carriers may use the full data set to supply all details for standalone bookings. INTTRA supports standalone bookings to provide visibility and notifications across all bookings made by a customer, both INTTRA bookings and direct bookings.

The access to booking data on INTTRA's portal will be limited to the Carrier and any registered parties present on the booking. INTTRA recommends that Carriers identify the Booker in the transaction as an INTTRA registered party different from the Carrier Party.

Note that even customers with access to a booking on INTTRA's portal will not be able to use the INTTRA portal to amend or cancel the standalone booking.

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, INTTRAWorks, 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 (Confirmation, Decline, Replace, Split) Transaction to INTTRA.
4. INTTRA system issues IFTMBC Booking (Confirmation, Decline, Replace, Split) Transaction to the customer.

It should be noted that all errors are handled by INTTRA's global EDI support and monitoring team, who utilize a comprehensive systems and message handling monitoring system.

IX. IFTMBC Message Revision History

A. CHANGES from version 2.3 (January 2013) to version 2.4 (March 2016)

0050 DTM-C507,2005: Added code “265“ VGM cut-off date

B. CHANGES from version 2.2 (May 2011) to version 2.3 (January 2013)

0070 FTX: Increased Segment max use from 20 to 22
0070 FTX: Revised Segment level notes that only 3 of “AAI” qualifier may be sent.
Group 16- CTA-COM: Increased the group count by 3
0800 TMP: Revised Segment level notes to indicate the support of multiple temperatures in TMP segments if carrier is configured to accept the same.

C. CHANGES from version 2.1 (July 2010) to version 2.2 (May 2011)

0280 NAD: Process Booker Party (NAD+ZZZ) for Carrier Decline. Additionally, INTTRA will try to promote the booker party from the previous booking versions.
0700 GID: Segment level notes has been modified to include following validations for customer and carrier transactions: - Allow GID segment without Package Count and Package Type info, for multiple packages the Package Count and Package Type or Description is mandatory for all package levels, Package Count and Package Type or Description are mutually inclusive, Package count should be a whole number greater than zero. In case of customer transactions for Hazardous Commodity, the Package Count and Package Type or Description is always mandatory

D. CHANGES from version 2.0 (May 2010) to version 2.1 (July 2010)

0000 UNA: Added Segment level note about uniqueness of separators.
0005 UNB -S002-0057: Opened element as optional.
0005 UNB -S003-0007: Opened element as optional.
0010 UNH - S009, 0057: Changed description of element S009, 0057 to Booking Version. Removed reference to IG.
0070 FTX: Changed and clarified requirements for data provision of different types of FTX segments.
0110 LOC: Updated port descriptions.
0160 TCC: Removed reference to MOA segment in notes.
0530 MEA: Revised Segment level notes for limiting volume and weight measurement to one each per GID loop.
0660 FTX: Clarified requirements for data provision of different types of FTX segments.
0710 MEA: Revised Segment level notes for limiting measurement to one type each per DGS loop.
0740 EQD-C224: Changed from optional to mandatory.
0770 MEA: Revised Segment level notes for limiting measurement to one type each per EQD loop.
0820 FTX: Clarified requirements for data provision of different types of FTX segments.

X. IFTMBC Message Specification

A. Message Hierarchy

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
221	0000	UNA	Service String Advice	O	1		
22	0005	UNB	Interchange Header	M	1		
Not Used	0007	UNG	Functional Group Header	C	1		
25	0010	UNH	Message Header	M	1		
27	0020	BGM	Beginning of Message	M	1		
30	0030	CTA	Contact Information	M	1		
31	0040	COM	Communication Contact	M	9		
32	0050	DTM	Date/Time/Period	M	3		
34	0060	TSR	Transport Service Requirements	O	1		
36	0070	FTX	Free Text	C	22		
Not Used	0080	CNT	Control Total	C	9		
42	0090	GDS	Nature of Cargo	C	4		
	0100		Segment Group 1: LOC-DTM	O		4	
44	0110	LOC	Place/Location Identification	M	1		
47	0120	DTM	Date/Time/Period	C	2		
	0130		Segment Group 2: RFF-DTM	C		99	
50	0140	RFF	Reference	M	1		
53	0150	DTM	Date/Time/Period	C	2		
54	0160	TCC	Transport Charge/Rate Calculations	C	6		
	0170		Segment Group 3: TDT-DTM-TSR-SG4-SG5	C		99	
58	0180	TDT	Details of Transport	M	1		
Not Used	0190	DTM	Date/Time/Period	C	9		
Not Used	0200	TSR	Transport Service Requirements	C	9		
	0210		Segment Group 4: LOC-DTM	C		2	
62	0220	LOC	Place/Location Identification	M	1		
65	0230	DTM	Date/Time/Period	C	2		
Not Used	0240		Segment Group 5: RFF-DTM	C		9	
Not Used	0250	RFF	Reference	M	1		
Not Used	0260	DTM	Date/Time/Period	C	1		
	0270		Segment Group 6: NAD-LOC-SG7-SG8	M		12	
68	0280	NAD	Name and Address	M	1		
Not Used	0290	LOC	Place/Location Identification	C	9		
	0300		Segment Group 7: CTA-COM	C		9	
74	0310	CTA	Contact Information	M	1		
75	0320	COM	Communication Contact	M	9		
Not Used	0330		Segment Group 8: TSR-RFF-LOC-TPL-FTX	C		99	
Not Used	0340	TSR	Transport Service Requirements	M	1		
Not Used	0350	RFF	Reference	C	1		

Not Used	0360	LOC	Place/Location Identification	C	1	
Not Used	0370	TPL	Transport Placement	C	1	
Not Used	0380	FTX	Free Text	C	9	
	0390		Segment Group 9: GID-HAN-TMP-RNG-TMD-LOC-FTX-PCD-SG10-GDS-SG11-SG12-SG13-SG14-SG15	C		999
78	0400	GID	Goods Item Details	M	1	
Not Used	0410	HAN	Handling Instructions	C	1	
Not Used	0420	TMP	Temperature	C	1	
Not Used	0430	RNG	Range Details	C	1	
Not Used	0440	TMD	Transport Movement Details	C	1	
Not Used	0450	LOC	Place/Location Identification	C	9	
83	0460	FTX	Free Text	C	5	
Not Used	0470	PCD	Percentage Details	C	9	
Not Used	0480		Segment Group 10: NAD-DTM	C		9
Not Used	0490	NAD	Name and Address	M	1	
Not Used	0500	DTM	Date/Time/Period	C	1	
Not Used	0510	GDS	Nature of Cargo	C	9	
	0520		Segment Group 11: MEA-EQN	C		2
87	0530	MEA	Measurements	M	1	
Not Used	0540	EQN	Number of Units	C	1	
	0550		Segment Group 12: DIM-EQN	C		1
90	0560	DIM	Dimensions	M	1	
Not Used	0570	EQN	Number of Units	C	1	
	0580		Segment Group 13: RFF-DTM	C		9
93	0590	RFF	Reference	M	1	
95	0600	DTM	Date/Time/Period	C	2	
Not Used	0610		Segment Group 14: DOC-DTM	C		9
Not Used	0620	DOC	Document/Message Details	M	1	
Not Used	0630	DTM	Date/Time/Period	C	9	
	0640		Segment Group 15: DGS-FTX-SG16-SG17	C		99
97	0650	DGS	Dangerous Goods	M	1	
100	0660	FTX	Free Text	C	12	
	0670		Segment Group 16: CTA-COM	O		3
105	0680	CTA	Contact Information	M	1	
106	0690	COM	Communication Contact	M	1	
	0700		Segment Group 17: MEA-EQN	C		4
108	0710	MEA	Measurements	M	1	
Not Used	0720	EQN	Number of Units	C	1	
	0730		Segment Group 18: EQD-EQN-TMD-MEA-DIM-HAN-TMP-RNG-FTX-RFF-SG19-SG20	C		999
112	0740	EQD	Equipment Details	M	1	
114	0750	EQN	Number of Units	M	1	
115	0760	TMD	Transport Movement Details	C	1	
117	0770	MEA	Measurements	C	7	

120	0780	DIM	Dimensions	C	1	
122	0790	HAN	Handling Instructions	C	1	
124	0800	TMP	Temperature	C	1	
Not Used	0810	RNG	Range Details	C	9	
126	0820	FTX	Free Text	C	21	
131	0830	RFF	Reference	C	9	
	0840		Segment Group 19: NAD-DTM	C		9
134	0850	NAD	Name and Address	M	1	
138	0860	DTM	Date/Time/Period	C	2	
Not Used	0870		Segment Group 20: DGS-FTX-SG21	C		99
Not Used	0880	DGS	Dangerous Goods	M	1	
Not Used	0890	FTX	Free Text	C	9	
Not Used	0900		Segment Group 21: CTA-COM	C		9
Not Used	0910	CTA	Contact Information	M	1	
Not Used	0920	COM	Communication Contact	C	9	
141	0930	UNT	Message Trailer	M	1	
Not Used	0935	UNE	Functional Group Trailer	C	1	
142	0940	UNZ	Interchange Trailer	M	1	

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

Data Element Summary

Data Element	Component Element	Name	Attributes	
		Component Data Element Separator	**M**	**an1**
		Character used to separate elements.		
		Data Element Separator	**M**	**an1**
		Character used to separate elements.		
		Decimal Notation	**M**	**an1**
		Character used as decimal notation.		
		Accepted Values:		
		. Dot		
		Release Indicator	**M**	**an1**
		Character used as release indicator.		
		Reserved for Future Use	**M**	**an1**
		Reserved for future use.		
		Accepted Values:		
		Space character		
		Segment Terminator	**M**	**an1**
		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
Dependency Notes:
Semantic Notes:
Comments:
Notes: UNB+UNOC:3+CARRIEREDIID:ZZZ+INTTRANG2:ZZZ+070602:0822+1'

Data Element Summary

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

			Qualifier referring to the source of codes for the identifiers of interchanging partners. Accepted Values: ZZZ Mutually defined			
Not Used		**0014**	**Routing address** 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.	**C**		**an..14**
	S004		**DATE AND TIME OF PREPARATION** Date and time of preparation of the interchange.	**M**	**1**	
		0017	**Date of preparation** Local date when an interchange or a functional group was prepared. Format YYMMDD.	**M**		**n6**
		0019	**Time of preparation** Local time of day when an interchange or a functional group was prepared. Assumed to be UTC (GMT) Time INTTRA assumes twenty-four hour clock system will be used to express time. Time must be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour. Examples : 12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630	**M**		**n4**
	0020		**INTERCHANGE CONTROL REFERENCE** Unique reference assigned by the sender to an interchange.	**M**	**1**	**an..14**
Not Used	**S005**		**RECIPIENTS REFERENCE PASSWORD** Reference or password as agreed between the communicating partners.	**C**	**1**	
Not Used		**0022**	**Recipient reference/password** 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.	**M**		**an..14**
Not Used		**0025**	**Recipient reference/password qualifier** Qualifier for the recipient's reference or password. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an2**
Not Used	**0026**		**APPLICATION REFERENCE** 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.	**C**	**1**	**an..14**
Not Used	**0029**		**PROCESSING PRIORITY CODE** Code determined by the sender requesting processing priority for the interchange. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**a1**
Not Used	**0031**		**ACKNOWLEDGEMENT REQUEST** Code determined by the sender for acknowledgement of the interchange.	**C**	**1**	**n1**
Not Used	**0032**		**COMMUNICATIONS AGREEMENT ID**	**C**	**1**	**an..35**

		Identification by name or code of the type of agreement under which the interchange takes place.			
Not Used	**0035**	**TEST INDICATOR** Indication that the interchange is a test.	**C**	**1**	**n1**

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 Booking confirmation message is IFTMBC.
Note: Booking confirmation messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element 0065 IFTMBC 0052 D 0054 99B 0051 UN
Dependency Notes:
Semantic Notes:
Comments:
Notes: UNH+0001+IFTMBC:D:99B:UN:2.0

Data Element Summary

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

			Used to indicate the INTTRA Booking version. Accepted Values: 2.0			
Not Used	**0068**		**COMMON ACCESS REFERENCE** Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	**C**	**1**	**an..35**
Not Used	**S010**		**STATUS OF THE TRANSFER** Statement that the message is one in a sequence of transfers relating to the same topic.	**C**	**1**	
Not Used		**0070**	**Sequence message transfer number** Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	**M**		**n..2**
Not Used		**0073**	**First/last sequence message transfer indication** Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**a1**

Segment: **BGM** **Beginning of Message**
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the beginning of a message and to transmit identifying number and type of the message.
Dependency Notes:
Semantic Notes:
Comments:
Notes: BGM+770+INTTRA_REF+6+AP
or
BGM+770+INTTRA_REF+1
or
BGM+770+INTTRA_REF+6+CA
or
BGM+770+INTTRA_REF+54+CA
or
BGM+770+INTTRA_REF+12
or
BGM+770++6+AP
or
BGM+770++1

Bookings in Confirmed state cannot be placed in Pending state.

Carrier initiated bookings (stand alones) will not be processed if Response Type code (4343) = 'AJ' (Pending).

Carriers Must provide INTTRA Ref (C106, 1004) for ALL UN-SPLIT INTTRA initiated bookings.

INTTRA Ref (C106, 1004) MUST be blank for all carrier initiated bookings (stand alones).

For Confirmed and Declined splits (element 1225 = 54, 12) of INTTRA initiated bookings, INTTRA Ref. (C106, 1004) must be the INTTRA Ref. of the parent. For Replaced splits (element 1225 = 17) of INTTRA initiated bookings, INTTRA Ref. (C106, 1004) must be the INTTRA Ref. of the booking being replaced.

See Booking Split Conventions Appendix 6 for explanation of Splits processing.

Response type code (4343) is Mandatory if Message function code (1225) = 6 (confirmation) or 54 (carrier initial split booking confirmation)

Data Element Summary

Data Element	Component Element	Name	Attributes	
C002		**DOCUMENT/MESSAGE NAME**	**M**	**1**
		Identification of a type of document/message by code or name. Code preferred.		
	1001	**Document name code**	**M**	**an..3**
		Code specifying the document name.		
		Accepted value:		

			770	Booking confirmation Document/message issued by a carrier to confirm that space has been reserved for a consignment in means of transport.		
Not Used		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**1000**	**Document name** Free form description of the document.	**C**		**an..35**
	C106		**DOCUMENT/MESSAGE IDENTIFICATION** Identification of a document/message by its number and eventually its version or revision.	**C**	**1**	
		1004	**Document/message number** Reference number assigned to the document/message by the issuer. INTTRA Ref. (INTTRA's Unique Reference)	**C**		**an..35**
Not Used		**1056**	**Version** To specify the version number or name of an object.	**C**		**an..9**
Not Used		**1060**	**Revision number** To specify a revision number.	**C**		**an..6**
	1225		**MESSAGE FUNCTION CODE** Code indicating the function of the message. Accepted Values: 1 Cancellation Message cancelling a previous transmission for a given transaction. Or Decline 6 Confirmation Message confirming the details of a previous transmission where such confirmation is required or recommended under the terms of a trading partner agreement. 12 Not processed Message indicating that the referenced message was received but not yet processed. Carrier Initial Split Booking Cancellation (or decline). Indicates newly created split in Cancelled (or terminated) state. 17 Cancel, to be reissued Referenced transaction cancelled, reissued message will follow. Replacement Source booking to be replaced with splits. 54 Extract A subset of the original. Carrier Initial Split Booking Confirmation	**M**	**1**	**an..3**
	4343		**RESPONSE TYPE CODE** Code specifying the type of acknowledgment required or transmitted. Only applicable if Message function code (1225) = 6 (confirmation) or 54 (initial split booking confirmation).	**C**	**1**	**an..3**

Accepted values:	
AJ	Pending Indication that the referenced offer or transaction (e.g. cargo booking or quotation request) is being dealt with.
AP	Accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted.
CA	Conditionally accepted Indication that the referenced offer or transaction (e.g., cargo booking or quotation request) has been accepted under conditions indicated in this message.

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

This represents the primary carrier contact for this booking transaction.

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

Data Element Summary

Data Element	Component Element	Name		Attributes		
3139		**CONTACT FUNCTION CODE**		**M**	**1**	**an..3**
		Code specifying the function of a contact (e.g. department or person).				
		Accepted Values:				
		CW	Confirmed with Person with whom the contents of the purchase order has been discussed and agreed (e.g. by telephone) prior to the sending of this message.			
C056		**DEPARTMENT OR EMPLOYEE DETAILS**		**M**	**1**	
		Code and/or name of a department or employee. Code preferred.				
Not Used	**3413**	**Department or employee identification**		**C**		**an..17**
		Internal identification code.				
	3412	**Department or employee**		**M**		**an..35**
		The department or person within an organizational entity.				
		Contact Name				

Segment: **COM** **Communication Contact**
Position: 0040
Group:
Level: 1
Usage: Mandatory
Max Use: 9
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.
Dependency Notes:
Semantic Notes:
Comments:
Notes: COM+973 4008976:TE

Data Element Summary

Data Element	Component Element	Name	Attributes	
C076		**COMMUNICATION CONTACT**	**M**	**1**
		Communication number of a department or employee in a specified channel.		
	3148	**Communication number**	**M**	**an..512**
		The communication number.		
	3155	**Communication number code qualifier**	**M**	**an..3**
		Code qualifying the communication number.		
		Accepted Values:		
		EM Electronic mail		
		Exchange of mail by electronic means.		
		Email address is subject to validation as outlined in the preamble of this document.		
		FX Telefax		
		Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.		
		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: 1
Usage: Mandatory
Max Use: 3
Purpose: A segment to indicate a date and time applying to the whole message, e.g., date and time of document issue.
Dependency Notes:
Semantic Notes:
Comments:
Notes: DTM+137:200704150705:203
or
DTM+407:20070401:102
or
DTM+265:20070403:102

Time is assumed to be UTC/GMT

Carrier response date (137) is MANDATORY.

VGM cut-off date (265) pertains to all containers on the booking.

INTTRA RECOMMENDS carriers provide SI document due date (407).

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

Data Element Summary

Data Element	Component Element	Name	Attributes	
C507		**DATE/TIME/PERIOD**	**M**	**1**
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	**Date/time/period function code qualifier**	**M**	**an..3**
		Code giving specific meaning to a date, time or period.		
		Accepted Values:		
		137 Document/message date/time		
		(2006) Date/time when a document/message is issued. This may include authentication.		
		Carrier Response Date		
		265 Due date		
		Container(s) VGM cut-off date		
		407 Document requested date/time		
		Date/time on which the document is requested by a party.		
		Date by which SI for the booking should be received by the carrier		
	2380	**Date/time/period value**	**M**	**an..35**
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	**Date/time/period format code**	**M**	**an..3**
		Code specifying the representation of a date, time or period.		
		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. INTTRA assumes the twenty-four hour clock system will be used to express time. Time must be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour. Examples : 12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630

Segment: **TSR** **Transport Service Requirements**
Position: 0060
Group:
Level: 0
Usage: Optional (Optional)
Max Use: 1
Purpose: A segment to provide confirmation details of the required transport services.
Dependency Notes:
Semantic Notes:
Comments:
Notes: TSR+27

INTTRA RECOMMENDS carriers provide Move Type in confirmation.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name	Attributes	
C536		**CONTRACT AND CARRIAGE CONDITION** To identify a contract and carriage condition.	**M**	**1**
	4065	**Contract and carriage condition code** Code to identify the conditions of contract and carriage. 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.	**M**	**an..3**
Not Used	**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**an..3**
Not Used	**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**an..3**
Not Used **C233**		**SERVICE** To identify a service (which may constitute an additional component to a basic contract).	**C**	**1**
Not Used	**7273**	**Service requirement code** Code specifying a service requirement.	**M**	**an..3**
Not Used	**1131**	**Code list identification code** Identification of a code list.	**C**	**an..3**

			Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**7273**	**Service requirement code**	**C**		**an..3**
			Code specifying a service requirement.			
Not Used		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used	**C537**		**TRANSPORT PRIORITY**	**C**	**1**	
			To indicate the priority of requested transport service.			
Not Used		**4219**	**Transport priority, coded**	**M**		**an..3**
			Coded priority of requested transport service. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used	**C703**		**NATURE OF CARGO**	**C**	**1**	
			Rough classification of a type of cargo.			
Not Used		**7085**	**Nature of cargo, coded**	**M**		**an..3**
			Code indicating the type of cargo as a rough classification. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **FTX** **Free Text**
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 22
Purpose: A segment to specify free form or processable supplementary information, such as status of transport, remarks to be printed on the transport documents (where required), consignment remarks, insurance instructions, etc., or any other additional information.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

FTX+AAI+++Free-Form Text
or
FTX+ACD++EAV:218:ZZZ
or
FTX+ACD++SAV:218:ZZZ
or
FTX+CHG++RLD:218:ZZZ
or
FTX+ABD+++THIS IS SPLIT 1 OF 3 OF ORIGINAL BOOKING REQUEST 4009878
or
FTX+ABV+++Free-Form Text Terms and Conditions
or
FTX+CUS++UCN:110:ZZZ+857_2938476
or
FTX+CCI++AMS:63:ZZZ
or
FTX+CCI++NVO:63:ZZZ+SCAC
or
FTX+AAA+++THIS IS COMMODITY SUMMARY INFORMATION
or
FTX+AAC+++IMO 3.1 IMO 1.4
or
FTX+AAF+++1.034 USD

For carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) General Information (Text Subject Code Qualifier (4451) = AAI) is Mandatory.

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

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

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

INTTRA RECOMMENDS carriers send Nature of Cargo Hazardous Cargo indicator

(GDS C703, 7085 = 11) when Header-level Summary UNDG Numbers and IMO codes (0070 FTX, AAC) are provided.

INTTRA RECOMMENDS carriers send Change Reason (AES) when transaction is a confirmation with changes (BGM, 1225 = 6, 4343 = CA).
The Carrier provided change summary will be sent in the Customer outbound IFTMBC under FTX 'AES'. In addition, an INTTRA generated summary of changes will be sent in the Customer outbound IFTMBC under FTX, 'ACB'.

Only 1 segment may be sent with Text Subject Code Qualifier of AAA.
Only 1 segment may be sent with Text Subject Code Qualifier of AAC.
Only 1 segment may be sent with Text Subject Code Qualifier of AAF.
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 ABD.
Only 1 segment may be sent with Text Subject Code Qualifier of ABV.
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.
Only 1 segment may be sent with Text Subject Code Qualifier of ACD with Free Text Value Code empty.
Only 4 segment may be sent with Text Subject Code Qualifier of ACD each containing only 1 of Free Text Value Code CHG, EAV, HCV or SAV.
Only 1 segment may be sent with Text Subject Code Qualifier of CHG with Free Text Value Code empty.
Only 3 segment may be sent with Text Subject Code Qualifier of CHG each containing only 1 of Free Text Value Code DOC, PCR or RLD.

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

Data Element Summary

Data Element	Component Element	Name		Attributes		
4451		**TEXT SUBJECT CODE QUALIFIER**		**M**	**1**	**an..3**
		Code specifying the subject of the text.				
		Accepted value:				
		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).			
			Summary Commodity Description			
		AAC	Dangerous goods additional information			
			Additional information concerning dangerous goods.			
			Summary UNDG numbers and IMO codes			
		AAF	Rate additional information			
			Specific details applying to rates.			
			Vessel Rate of Exchange Information			
		AAI	General information			
			Mandatory for carrier cancel/decline or replacement of a booking.			

		ABD	Nature of transaction An indication for customs of the type of contract under which goods are supplied. Used only in conjunction with split bookings (BGM, element 1225 = 54 or 12) to indicate original booking request, sequence of split booking and total number of split bookings per the original.			
		ABV	Acceptance terms additional Additional terms concerning acceptance. Terms and conditions			
		ACD	Reason Reason for a request or response. Reason for Pending Status			
		AES	Reason for amending a message Identification of the reason for amending a message. Carrier's reasons for amending the booking.			
		CCI	Customs clearance instructions Any coded or clear instruction agreed by customer and carrier regarding the declaration of the goods.			
		CHG	Change information Note contains change information. Split Reason			
		CUS	Customs declaration information Note contains customs declaration information.			
Not Used	**4453**		**TEXT FUNCTION, CODED** Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**
	C107		**TEXT REFERENCE** Coded reference to a standard text and its source. INTTRA RECOMMENDS carriers only send CHG (charge verification), EVA (equipment availability verification), SAV (slot availability verification) or HCV (hazardous commodity verification) when booking transaction is coded as pending (0020 BGM 1225 = 6 or 54 and 0020 BGM 4343 = AJ). INTTRA RECOMMENDS carriers only send DOC (documentation split), RLD (containers rolled) or PCR (per container release) when booking transaction is coded as split (0020 BGM 1225 = 12, 17 or 54).	**C**	**1**	
		4441	**Free text value code** Code specifying free form text. This element must be populated when Text Subject Code Qualifier (4451) = CCI or CUS. This element may be populated when Text Subject Code Qualifier (4451) = ACD or CHG. This element must not be populated when Text Subject Code Qualifier (4451) equals AAA, AAC, AAF, AAI, ABD, ABV or AES. Accepted Values:	**M**		**an..17**
		AMS	Customer to Handle AMS Filing Must only be sent when Text Subject Code Qualifier			

(4451) = CCI.

CCN Canadian Cargo Control Number

Typically provided by the Carrier for use by Registered Forwarders in Supplementary Cargo Reports filed with CBSA in Canada.

Must only be sent when Text Subject Code Qualifier (4451) = CUS.

CHG Charge Verification

Must only be sent when Text Subject Code Qualifier (4451) = ACD.

DOC Documentation Split

Must only be sent when Text Subject Code Qualifier (4451) = CHG.

EAV Equipment Availability Verification

Must only be sent when Text Subject Code Qualifier (4451) = ACD.

HCV Hazardous Commodity Verification

Must only be sent when Text Subject Code Qualifier (4451) = ACD.

NVO NVOCC SCAC

NVOCC SCAC Code for US Customs AMS Filing.

Must only be sent when Text Subject Code Qualifier (4451) = CCI.

PCR Per Container Release

Must only be sent when Text Subject Code Qualifier (4451) = CHG.

RLD Container(s) Rolled

Must only be sent when Text Subject Code Qualifier (4451) = CHG.

SAV Slot Availability Verification

Must only be sent when Text Subject Code Qualifier (4451) = ACD.

UCN Customs Export Declaration Unique Consignment Reference (DUCR)

Typically provided by the Exporter or its Agent for shipments departing Great Britain.

Must only be sent when Text Subject Code Qualifier (4451) = CUS.

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

Identification of a code list.

Accepted Values:

63 Handling action

Codes for handling action.

Must be sent when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code (C107, 4441) = AMS or NVO.

110 Customs special codes

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

Must be sent when Text Subject Code Qualifier (4451)

= CUS and Free Text Value Code (C107, 4441) = UCN or CCN.

218 Information request result

Identifies a code list containing information request results.

Must be sent when Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code (C107, 4441) = CHG, EAV, HCV, PCR, SAV, RLD and DOC.

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

Code specifying the agency responsible for a code list.

Accepted Values:

ZZZ Mutually defined

Defined by INTTRA

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

Free text; one to five lines.

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

Free form text.

This element MUST be populated when Text Subject Code Qualifier (4451) = AAA, AAC, AAF, AAI, ABD, ABV or AES
or
Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code C107, 4441) is NOT populated
or
Text Subject Code Qualifier (4451) = CUS and Free Text Value Code C107, 4441) is populated with CCN or UCN
or
Text Subject Code Qualifier (4451) = CCI and Free Text Value Code C107, 4441) is populated with NVO

This element MUST NOT be populated when Text Subject Code Qualifier (4451) = CCI and Free Text Value Code C107, 4441) is populated with AMS.
or
Text Subject Code Qualifier (4451) = ACD and Free Text Value Code C107, 4441) is populated with CHG, EAV, HCV or SAV
or
Text Subject Code Qualifier (4451) = CHG and Free Text Value Code C107, 4441) is populated with PCR, DOC or RLD.

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

Free form text.

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

This element MUST NOT be populated when Text Subject Code Qualifier (4451) = CCI or CUS
or
Text Subject Code Qualifier (4451) = ACD or CHG and Free Text Value Code (C107, 4441) is populated .

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** Free form text.	**C**		**an..512**
Not Used	**3453**		**LANGUAGE NAME CODE** Code specifying the language name.	**C**	**1**	**an..3**
Not Used	**4447**		**TEXT FORMATTING, CODED** Code specifying the formatting parameters for the text. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

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

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

Only one of each Nature of Cargo code (C703, 7085) may be sent.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C703		**NATURE OF CARGO**		**M**	**1**
		Rough classification of a type of cargo.			
	7085	**Nature of cargo, coded**		**M**	**an..3**
		Code indicating the type of cargo as a rough classification.			
		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**	**Code list identification code**		**C**	**an..3**
		Identification of a code list.			
Not Used	**3055**	**Code list responsible agency code**		**C**	**an..3**
		Code specifying the agency responsible for a code list.			

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

Segment Summary

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

Segment: **LOC** **Place/Location Identification**
Position: 0110 (Trigger Segment)
Group: Segment Group 1 (Place/Location Identification) Optional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a location applying to the entire message.
Dependency Notes:
Semantic Notes:
Comments:
Notes: LOC+10+NLRTM:181:6
and
LOC+125+GBLIV:181:6:LIVERPOOL+GB:162:5
and
LOC+24+GLJNN:181:6:NANORTALIK+GL:162:5
and
LOC+87+USBOS:181:6:BOSTON

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

For each location, either Location code (C517, 3225) or Location name (C517, 3224) must be provided.

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

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

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

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

Final Port for AMS Documentation (3227 = 24).

First US Port Visited (3227 = 87).

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

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

With respect to location literals, INTTRA will preserve and relay what the carrier sent.

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

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

		Code identifying the function of a location.			
		Accepted Values:			
		10	Place of acceptance (3348) Place at which the goods are taken over by the carrier. First Foreign Port/Place of Acceptance		
		24	Port of entry Port where final documentation is filed for Customs Entry processing. Final Port for AMS Documentation		
		87	Place/port of conveyance initial arrival Place/port in the country of destination where the conveyance initially arrives from the "Last place/port of call of conveyance" (125). First US Port Visited		
		125	Last place/port of call of conveyance Conveyance departed from this last foreign place/port of call to go to "Place/port of conveyance initial arrival" (87). Last Non-US Port Visited		
C517		**LOCATION IDENTIFICATION**		**M**	**1**
		Identification of a location by code or name.			
	3225	**Location name code**		**C**	**an..25**
		Code specifying the name of the location.			
	1131	**Code list identification code**		**C**	**an..3**
		Identification of a code list.			
		If C517, 3225 is populated this element must also be sent. Accepted Values:			
		181	Activity Code identifying activities.		
	3055	**Code list responsible agency code**		**C**	**an..3**
		Code specifying the agency responsible for a code list.			
		If C517, 3225 is populated this element must also be sent. Accepted Values:			
		6	UN/ECE (United Nations - Economic Commission for Europe)		
		87	Assigned by carrier Codes assigned by the carrier. Alias code assigned by Carrier and listed in INTTRA's alias table.		
	3224	**Location name**		**C**	**an..256**
		Name of the location.			
C519		**RELATED LOCATION ONE IDENTIFICATION**		**C**	**1**
		Identification the first related location by code or name.			
	3223	**Related place/location one identification**		**C**	**an..25**
		Specification of the first related place/location by code.			
		Valid 2 Character ISO Country			
	1131	**Code list identification code**		**C**	**an..3**

			Identification of a code list.			
			If C519, 3223 is populated this element must also be sent. Accepted Values: 162 Country Identification of a country.			
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.	**C**		**an..3**
			If C519, 3223 is populated this element must also be sent. Accepted Values: 5 ISO (International Organization for Standardization)			
		3222	**Related place/location one** Specification of the first related place/location by name.	**C**		**an..70**
			Country Name			
	C553		**RELATED LOCATION TWO IDENTIFICATION** Identification of second related location by code or name.	**C**	**1**	
Not Used		**3233**	**Related place/location two identification** Specification of a second related place/location by code.	**C**		**an..25**
Not Used		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
		3232	**Related place/location two** Specification of a second related place/location by name.	**C**		**an..70**
			State/Province code or name.			
Not Used	**5479**		**RELATION, CODED** To specify the relationship between two or more items.	**C**	**1**	**an..3**

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

Dependency Notes:
Semantic Notes:
Comments:
Notes: DTM+132:20070522:102
or
DTM+150:200705021300:203

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

AMS filing due date.(C507, 2005 = 150) Must only be sent if the preceding LOC 3227 = 24.

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

Date must be within 400 days of the current date.

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C507		**DATE/TIME/PERIOD**		**M**	**1**
		Date and/or time, or period relevant to the specified date/time/period type.			
	2005	**Date/time/period function code qualifier**		**M**	**an..3**
		Code giving specific meaning to a date, time or period.			
		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.		
			At first US Port.		
		150	Declaration/presentation date		
			Date when item has been or has to be declared/presented.		
			Date AMS Filing is Due.		
	2380	**Date/time/period value**		**M**	**an..35**
		The value of a date, a date and time, a time or of a period in a specified representation.			

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

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

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. INTTRA assumes the twenty-four hour clock system will be used to express time. Time must be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour. Examples : 12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630

Group: **RFF** **Segment Group 2: Reference**
Position: 0130
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments containing a reference and constants which apply to the entire message.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0140	RFF	Reference	M	1	
0150	DTM	Date/Time/Period	C	2	

Segment: **RFF** **Reference**
Position: 0140 (Trigger Segment)
Group: Segment Group 2 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.
Dependency Notes:
Semantic Notes:
Comments:
Notes: RFF+BN:CARRIER BOOKING NBR'

INTTRA RECOMMENDS provision of all available references for stand-alone bookings.

For carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17) only segments with Reference Qualifiers (C506, 1153) BN and AGO will be processed. All others will be ignored.

BN (Carrier Booking Number) is mandatory when message function code (0020 BGM, 1225) is 6 (confirmation) or 54 (carrier initial split booking) and response type code (0020 BGM, 4343) is AP (accepted) or CA (conditionally accepted). It is also mandatory for ALL carrier initiated bookings (Stand Alone).

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

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

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

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

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

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

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

Data Element Summary

Data Element	Component Element	Name	Attributes	
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:

AFG	Tariff number
	Freight tariff number
AGB	Contract party reference number
	Reference number assigned to a party for a particular contract.
AGE	Agent's reference
	Reference number of the agent.
	Outbound Booking Agent Reference
AGO	Sender's reference to the original message
	The reference provided by the sender of the original message.
	Carrier Source Booking Number Identifies source booking from which splits are created. Must be provided when a previously Acknowledged / Confirmed booking is split. Must not be more than 30 characters.
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 Must not be more than 30 characters.
CN	Carrier's reference number
	Reference number assigned by carrier to a consignment.
	Local Booking Number
CT	Contract number
	Reference number of a contract concluded between parties.
	Contract/Quote Number
EX	Export license number
	[1208] Reference number assigned by issuing authority to an Export License.
FF	Freight forwarder's reference number
	[1460] Reference number assigned to the consignment by the freight forwarder.
LI	Line item reference number

				(1156) Reference number identifying a particular line in a document.	
				Contract Line Item Number Must only be provided when CT (Contract Number) is provided.	
			ON	Order number (purchase) [1022] Reference number assigned by the buyer to an order.	
			RE	Release number Reference number assigned to identify a release of a set of rules, conventions, conditions, etc.	
			SI	SID (Shipper's identifying number for shipment) Description to be provided.	
	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.			
Not Used	**4000**	**Reference version identifier**		**C**	**an..35**
		To identify the version of a reference.			
Not Used	**1060**	**Revision number**		**C**	**an..6**
		To specify a revision number.			

Segment: **DTM** **Date/Time/Period**
Position: 0150
Group: Segment Group 2 (Reference) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment to indicate date and time relating to the reference.
Dependency Notes:
Semantic Notes:
Comments:
Notes: DTM+182:20070426:102
or
DTM+36:20071126:102

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'.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C507		**DATE/TIME/PERIOD**		**M**	**1**
		Date and/or time, or period relevant to the specified date/time/period type.			
	2005	**Date/time/period function code qualifier**		**M**	**an..3**
		Code giving specific meaning to a date, time or period.			
		Accepted Values:			
		36	Expiry date Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.		
		182	Issue date Date when a document/message has been or will be issued.		
	2380	**Date/time/period value**		**M**	**an..35**
		The value of a date, a date and time, a time or of a period in a specified representation.			
	2379	**Date/time/period format code**		**M**	**an..3**
		Code specifying the representation of a date, time or period.			
		Accepted Values:			
		102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		

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

Dependency Notes:
Semantic Notes:
Comments:
Notes: TCC+4:ZZZ
or
TCC+2:ZZZ::ADDITIONAL CHARGE INFO

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

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

INTTRA RECOMMENDS carriers acknowledge charges if sent in a booking request (NAD loop CPI segments).

Only one occurrence of each charge will be accepted.

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C200		**CHARGE**		**M**	**1**
		Identification of a charge by code and/or by name.			
	8023	**Freight and charges identification**		**M**	**an..17**
		Coded description of freight charges and other charges (used in combination with 1131/3055).			
		Accepted Values:			
		1	All Charges		
			Mutually exclusive of all other charge codes.		
		2	Additional Charges		
		4	Basic Freight		
		5	Destination Haulage Charges		
		7	Destination Port Charges		
		10	Origin Port Charges		
		11	Origin Haulage Charges		
	1131	**Code list identification code**		**M**	**an..3**
		Identification of a code list.			
		If C200, 8023 is populated then this element must also be sent.			

			Accepted Values:			
			ZZZ	Mutually defined		
				Defined by INTTRA		
Not Used		**3055**	**Code list responsible agency code**		**C**	**an..3**
			Code specifying the agency responsible for a code list.			
		8022	**Freight and charges**		**C**	**an..26**
			Plain language statement describing freight and other charges.			
Not Used		**4237**	**Prepaid/collect indicator, coded**		**C**	**an..3**
			Code indicating whether freight item amount is prepaid or to be collected.			
Not Used		**7140**	**Item number**		**C**	**an..35**
			A number allocated to a group or item.			
Not Used	**C203**		**RATE/TARIFF CLASS**		**C**	**1**
			Identification of the applicable rate/tariff class.			
Not Used		**5243**	**Rate/tariff class identification**		**M**	**an..9**
			Identification of the rate/tariff class. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**1131**	**Code list identification code**		**C**	**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**		**C**	**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**5242**	**Rate/tariff class**		**C**	**an..35**
			Description of applicable rate/tariff class.			
Not Used		**5275**	**Supplementary rate/tariff basis identification**		**C**	**an..6**
			Code identifying supplementary rate/tariff.			
Not Used		**1131**	**Code list identification code**		**C**	**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**		**C**	**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**5275**	**Supplementary rate/tariff basis identification**		**C**	**an..6**
			Code identifying supplementary rate/tariff.			
Not Used		**1131**	**Code list identification code**		**C**	**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**		**C**	**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used	**C528**		**COMMODITY/RATE DETAIL**		**C**	**1**
			Identification of commodity/rates.			
Not Used		**7357**	**Commodity/rate identification**		**C**	**an..18**
			Code identifying goods for Customs, transport or statistical purposes (generic term).			
Not Used		**1131**	**Code list identification code**		**C**	**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**		**C**	**an..3**

			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used	**C554**		**RATE/TARIFF CLASS DETAIL** Identification of the applicable rate/tariff class.	**C**	**1**	
Not Used		**5243**	**Rate/tariff class identification** Identification of the rate/tariff class. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..9**
Not Used		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**

Group: **TDT** **Segment Group 3: Details of Transport**
Position: 0170
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to indicate details of the movement of goods such as mode and means of transport, locations, departure, and arrival date(s) and time(s).

Segment Summary

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

Segment: **TDT** **Details of Transport**
Position: 0180 (Trigger Segment)
Group: Segment Group 3 (Details of Transport) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate information related to a certain stage of the transport, such as mode, means and carrier.
Dependency Notes:
Semantic Notes:
Comments:
Notes: TDT+10++2
or
TDT+20+VOYAGENUM+1+13:OCEANVESSEL+SCAC:172:182+++LLOYD::11:VESSELNAME:DE
or
TDT+30++3++SCAC:172:182

INTTRA RECOMMENDS that carriers provide full transport plan from contractual place of receipt to contractual place of delivery.

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

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

INTTRA RECOMMENDS that carriers provide Lloyd's code (C222, 8213) when applicable.

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes		
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.			

	8028		**CONVEYANCE REFERENCE NUMBER**	**C**	**1**	**an..17**
			Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).			
			Voyage Number, Train Number, etc.			
	C220		**MODE OF TRANSPORT**	**C**	**1**	
			Method of transport code or name. Code preferred.			
		8067	**Transport mode name code**	**C**		**an..3**
			Code specifying the name of a mode of transport.			
			Accepted Values:			
			1 Maritime transport			
			2 Rail transport			
			3 Road transport			
			8 Inland water transport			
			23 Rail/road			
			28 Rail/water			
			38 Road/water			
Not Used		**8066**	**Transport mode name**	**C**		**an..17**
			Name of a mode of transport.			
	C228		**TRANSPORT MEANS**	**C**	**1**	
			Code and/or name identifying the type of means of transport.			
		8179	**Transport means description code**	**C**		**an..8**
			Code specifying the means of transport.			
			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.			
		8178	**Transport means description**	**C**		**an..17**
			Free form description of the means of transport.			
	C040		**CARRIER**	**C**	**1**	
			Identification of a carrier by code and/or by name. Code preferred.			
		3127	**Carrier identification**	**M**		**an..17**
			Identification of party undertaking or arranging transport of goods between named points.			
			Carrier SCAC			
		1131	**Code list identification code**	**M**		**an..3**
			Identification of a code list.			
			Accepted Values:			
			172 Carriers			

			Code list identifying carriers.			
		3055	**Code list responsible agency code**	**M**		**an..3**
			Code specifying the agency responsible for a code list.			
			Accepted Values:			
			182 US, Standard Carrier Alpha Code (Motor) Organization maintaining the SCAC lists and transportation operating in North America.			
Not Used		**3128**	**Carrier name**	**C**		**an..35**
			Name of party undertaking or arranging transport of goods between named points.			
Not Used	**8101**		**TRANSIT DIRECTION INDICATOR CODE**	**C**	**1**	**an..3**
			Code specifying the direction of transport. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used	**C401**		**EXCESS TRANSPORTATION INFORMATION**	**C**	**1**	
			To provide details of reason for, and responsibility for, use of transportation other than normally utilized.			
Not Used		**8457**	**Excess transportation reason, coded**	**M**		**an..3**
			Indication of reason for excess transportation. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**8459**	**Excess transportation responsibility, coded**	**M**		**an..3**
			Indication of responsibility for excess transportation. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**7130**	**Customer authorization number**	**C**		**an..17**
			Customer provided authorization number to allow supplier to ship goods under specific freight conditions. This number will be transmitted back to customer in the dispatch advice message.			
	C222		**TRANSPORT IDENTIFICATION**	**C**	**1**	
			Code and/or name identifying the means of transport.			
		8213	**Transport means identification name identifier**	**C**		**an..9**
			Identifies the name of the transport means.			
			Lloyd's Code			
Not Used		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list.			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			If C222,8213 is populated this element must also be sent. Accepted Value:			
			11 Lloyd's register of shipping A register of ocean going vessels maintained by Lloyd's of London.			
		8212	**Transport means identification name**	**C**		**an..35**
			Name identifying a means of transport.			
			Vessel Name			
		8453	**Nationality of means of transport, coded**	**C**		**an..3**
			Coded name of the country in which a means of transport is registered.			
			Valid 2 Character ISO Country Code of Ship's Registry			
Not Used	**8281**		**TRANSPORT OWNERSHIP, CODED**	**C**	**1**	**an..3**
			Code indicating the ownership of the means of transport. Refer to D.99B Data Element Dictionary for acceptable code values.			

Group: **LOC** **Segment Group 4: Place/Location Identification**
Position: 0210
Group: Segment Group 3 (Details of Transport) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A group of segments to specify a location and date/time related to this leg of transport.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0220	LOC	Place/Location Identification	M	1	
0230	DTM	Date/Time/Period	C	2	

Segment: **LOC** **Place/Location Identification**
Position: 0220 (Trigger Segment)
Group: Segment Group 4 (Place/Location Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.
Dependency Notes:
Semantic Notes:
Comments:
Notes: LOC+9+USELZ:139:6
or
LOC+11+NLRTM:139:6:ROTTERDAM+NL:162:5

For each location, either Location code (C517, 3225) or Location name (C517, 3224) must be provided.

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

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

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

INTTRA will compare first start location with customer requested contractual place of receipt, and last end location with customer requested contractual place of delivery.

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

With respect to location literals, INTTRA will preserve and relay what the carrier sent.

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes
3227		**LOCATION FUNCTION CODE QUALIFIER**		**M 1 an..3**
		Code identifying the function of a location.		
		Accepted Values:		
		9	Place/port of loading	
			(3334 + 3230) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.	
			Start Location for each leg.	
		11	Place/port of discharge	

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

End Location for each leg.

C517		**LOCATION IDENTIFICATION**	**M**	**1**	
		Identification of a location by code or name.			
	3225	**Location name code**	**C**		**an..25**
		Code specifying the name of the location.			
	1131	**Code list identification code**	**C**		**an..3**
		Identification of a code list.			
		If C517, 3225 is populated this element must also be sent.			
		Accepted Value:			
		139 Port			
		A location having facilities for means of transport to load or discharge cargo.			
	3055	**Code list responsible agency code**	**C**		**an..3**
		Code specifying the agency responsible for a code list.			
		If C517, 3225 is populated this element must also be sent.			
		Accepted Values:			
		6 UN/ECE (United Nations - Economic Commission for Europe)			
		87 Assigned by carrier			
		Codes assigned by the carrier.			
		Alias code assigned by Carrier and listed in INTTRA's alias table.			
	3224	**Location name**	**C**		**an..256**
		Name of the location.			
C519		**RELATED LOCATION ONE IDENTIFICATION**	**C**	**1**	
		Identification the first related location by code or name.			
	3223	**Related place/location one identification**	**C**		**an..25**
		Specification of the first related place/location by code.			
		Valid 2 Character ISO Country Code			
	1131	**Code list identification code**	**C**		**an..3**
		Identification of a code list.			
		If C519, 3223 is populated this element must also be sent.			
		Accepted Values:			
		162 Country			
		Identification of a country.			
	3055	**Code list responsible agency code**	**C**		**an..3**
		Code specifying the agency responsible for a code list.			
		If C519, 3223 is populated this element must also be sent.			
		Accepted Values:			
		5 ISO (International Organization for Standardization)			
	3222	**Related place/location one**	**C**		**an..70**
		Specification of the first related place/location by name.			

			Country Name			
	C553		**RELATED LOCATION TWO IDENTIFICATION**	**C**	**1**	
			Identification of second related location by code or name.			
Not Used		**3233**	**Related place/location two identification**	**C**		**an..25**
			Specification of a second related place/location by code.			
Not Used		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
		3232	**Related place/location two**	**C**		**an..70**
			Specification of a second related place/location by name.			
			State/Province code or name.			
Not Used	**5479**		**RELATION, CODED**	**C**	**1**	**an..3**
			To specify the relationship between two or more items.			

Segment: **DTM** **Date/Time/Period**
Position: 0230
Group: Segment Group 4 (Place/Location Identification) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment to specify a date/time related to the location, such as arrival date/time of a means of transport at a specific location.

Dependency Notes:
Semantic Notes:
Comments:
Notes: DTM+132:20070424:102
or
DTM+180:200704291200:203
or
DTM+133:200704010400:203

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 for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C507		**DATE/TIME/PERIOD**		**M**	**1**
		Date and/or time, or period relevant to the specified date/time/period type.			
	2005	**Date/time/period function code qualifier**		**M**	**an..3**
		Code giving specific meaning to a date, time or period.			
		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. May only be sent if the preceding LOC segment is qualified as 11 (place/port of discharge).		
		133	Departure date/time, estimated Date/time when carrier estimates that a means of transport should depart at the place of departure. May only be sent if the preceding LOC segment is qualified as 9 (place/port of loading).		
		180	Closing date/time Final date for delivering cargo to a liner ship. May only be sent if the preceding LOC segment is qualified as 9 (place/port of loading).		
	2380	**Date/time/period value**		**M**	**an..35**
		The value of a date, a date and time, a time or of a period in a specified representation.			
	2379	**Date/time/period format code**		**M**	**an..3**

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

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. INTTRA assumes the twenty-four hour clock system will be used to express time. Time must be expressed and transmitted by means of four figures, the first two denoting the hour past midnight and the last two the minutes past the hour. Examples : 12:45 a.m. is expressed as 0045 12:00 noon is expressed as 1200 11:45 p.m. is expressed as 2345 12:00 midnight is expressed as 0000 1:30 a.m. is expressed as 0130 1:45 p.m. is expressed as 1345 4:30 p.m. is expressed as 1630

Group: **NAD** **Segment Group 6: Name and Address**
Position: 0270
Group:
Level: 1
Usage: Mandatory
Max Use: 12
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0280	NAD	Name and Address	M	1	
0300		Segment Group 7: Contact Information	C		9

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

NAD+CA+SCAC:160:87+CARRIER
or
NAD+CZ+8098:160:192+SHIPPER:300 M ST DETRIOT, MI 13080 US
or
NAD+CZ+INTSHPCD:160:192+SHIPPER NAME:3 M ST:DETROIT, MI+++++06785
or
NAD+CN+CARCD008:160:87+CONSIGNEE:46 MAIN ST BERLIN DE
or
NAD+NI+MDCD1238:160:ZZZ
or
NAD+NI+DUNS:160:16

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

CA (Carrier) is Mandatory, and it must be INTTRA registered.

Carriers may reassign the booking to an associate carrier (the association must be known to INTTRA) via the CA (Carrier) party in the FIRST RESPONSE TRANSACTION ONLY.

Carrier must be the same as the carrier on the original booking request or reassigned carrier.

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

If ZZZ (Booking party) is provided in response to INTTRA originated bookings it must be the same as the booker on the original request. INTTRA will promote the booking party from the previous booking versions if not provided by the carrier.

Carrier originated bookings (stand alone) Confirmations must contain an INTTRA registered party other than the carrier. Declines of previously sent stand alone bookings do not have to meet this requirement.

For carrier originated bookings (stand alone) INTTRA RECOMMENDS if Booker is sent that it be someone other than the carrier.

For carrier originated bookings (stand alone) INTTRA RECOMMENDS if Booker is sent that it resolve to an INTTRA registered customer.

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.

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 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.

Code or Name is mandatory for every party except MR (Message Recipient).

All party codes sent in by the carrier will be passed to the customer, with the exception of carrier alias codes.

Information for party type MR (Message recipient) is not sent to the customer.

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

With respect to name and address, INTTRA will retain what the carrier sends.

For INTTRA registered parties, if name and/or address is not sent by the carrier, name and address from INTTRA's database will be provided at customer's request (customer preference setting).

Data Element Summary

Data Element	Component Element	Name		Attributes
3035		**PARTY FUNCTION CODE QUALIFIER**		**M 1 an..3**
		Code giving specific meaning to a party.		
		Accepted Values:		
		BO	Broker or sales office	
			Party acting in the name of the seller as broker or as sales office.	
			Used to provide address and contact details for Carrier Booking Office handling this booking.	
		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.			
	N2	Notify party no. 2 The second party which is to be notified.			
	NI	Notify party (3180) Party to be notified of arrival of goods. Main Notify Party			
	ZZZ	Mutually defined Party specification mutually agreed between interchanging parties. Booking Party If not provided, INTTRA will promote the booker party from the previous booking versions.			
C082		**PARTY IDENTIFICATION DETAILS** Identification of a transaction party by code.	**C**	**1**	
	3039	**Party identifier** Code specifying the identity of a party.	**M**		**an..35**
	1131	**Code list identification code** Identification of a code list.	**M**		**an..3**
		Accepted Values:			
		160 Party identification Identification of parties, corporates, etc.			
	3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.	**M**		**an..3**
		Accepted Values:			
		16 US, D&B (Dun & Bradstreet Corporation) Identifies the Dun & Bradstreet Corporation, United States. Duns number Will not be validated by INTTRA.			
		87 Assigned by carrier Codes assigned by the carrier. Must be a valid carrier assigned alias			
		192 Shipper's association Code assigned by a shipper's association. INTTRA assigned Code Validated by INTTRA			
		ZZZ Mutually defined Pass through code. Mutually agreed between Customer and Carrier. Will not be validated by INTTRA.			
C058		**NAME AND ADDRESS** Unstructured name and address: one to five lines.	**C**	**1**	
	3124	**Name and address line** Free form name.	**M**		**an..35**
	3124	**Name and address line** Free form address 1.	**C**		**an..35**
	3124	**Name and address line**	**C**		**an..35**

			Free form address 2.			
		3124	**Name and address line**	**C**		**an..35**
			Free form address 3.			
		3124	**Name and address line**	**C**		**an..35**
			Free form address 4.			
Not Used	**C080**		**PARTY NAME**	**C**	**1**	
			Identification of a transaction party by name, one to five lines. Party name may be formatted.			
Not Used		**3036**	**Party name**	**M**		**an..35**
			Name of a party involved in a transaction.			
Not Used		**3036**	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
Not Used		**3036**	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
Not Used		**3036**	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
Not Used		**3036**	**Party name**	**C**		**an..35**
			Name of a party involved in a transaction.			
Not Used		**3045**	**Party name format code**	**C**		**an..3**
			Code specifying the representation of a party name. Refer to D.99B Data Element Dictionary for acceptable code values.			
	C059		**STREET**	**C**	**1**	
			Additional address			
		3042	**Street and number/p.o. box**	**M**		**an..35**
			Free form address 5.			
		3042	**Street and number/p.o. box**	**C**		**an..35**
			Free form address 6.			
Not Used		**3042**	**Street and number/p.o. box**	**C**		**an..35**
			Street and number in plain language, or Post Office Box No.			
Not Used		**3042**	**Street and number/p.o. box**	**C**		**an..35**
			Street and number in plain language, or Post Office Box No.			
Not Used	**3164**		**CITY NAME**	**C**	**1**	**an..35**
			Name of a city (a town, a village) for addressing purposes.			
Not Used	**C819**		**COUNTRY SUB-ENTITY DETAILS**	**C**	**1**	
			To specify a part of a country (e.g. county or part of a city).			
Not Used		**3229**	**Country sub-entity name code**	**C**		**an..9**
			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
Not Used		**1131**	**Code list identification code**	**C**		**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3228**	**Country sub-entity name**	**C**		**an..35**
			Name of sub-entities (state, province) defined by appropriate governmental agencies.			
	3251		**POSTAL IDENTIFICATION CODE**	**C**	**1**	**an..17**

	Code specifying the postal zone or address.			
3207	**COUNTRY NAME CODE**	**C**	**1**	**an..3**
	Identification of the name of the country or other geographical entity as specified in ISO 3166. Valid 2 Character ISO Country Code.			

Group: **CTA** **Segment Group 7: Contact Information**
Position: 0300
Group: Segment Group 6 (Name and Address) Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify a contact and its communications related to the party.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0310	CTA	Contact Information	M	1	
0320	COM	Communication Contact	M	9	

Segment: **CTA** **Contact Information**
Position: 0310 (Trigger Segment)
Group: Segment Group 7 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department within the party.
Dependency Notes:
Semantic Notes:
Comments:
Notes: CTA+IC+:JOHN WILLIAMS
or
CTA+NT+:NOTIFY PARTY CONTACT

For Contact Function code (3139) of NT the only valid Communication Number (320 COM C076, 3148) is EM (email).

Email Booking Confirmation information (contact function code = NT) will be processed per transaction.

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

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

Segment: **COM** **Communication Contact**
Position: 0320
Group: Segment Group 7 (Contact Information) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 9
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:
Notes: COM+388 3748876:TE
or
COM+customer@company.com:EM

EM (Email) is the only valid Communication Number (C076, 3148) for Contact Function code (310 CTA 3139) NT.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C076		**COMMUNICATION CONTACT**		**M**	**1**
		Communication number of a department or employee in a specified channel.			
	3148	**Communication number**		**M**	**an..512**
		The communication number.			
	3155	**Communication number code qualifier**		**M**	**an..3**
		Code qualifying the communication number.			
		Accepted Values:			
		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". Fax Number Must not be populated with spaces and/or dots alone.		
		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: **GID** **Segment Group 9: Goods Item Details**
Position: 0390
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to describe the goods items for which transport is undertaken.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0400	GID	Goods Item Details	M	1	
0460	FTX	Free Text	C	5	
0520		Segment Group 11: Measurements	C		2
0550		Segment Group 12: Dimensions	C		1
0580		Segment Group 13: Reference	C		9
0640		Segment Group 15: Dangerous Goods	C		99

Segment: **GID** **Goods Item Details**
Position: 0400 (Trigger Segment)
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a goods item for which transport is undertaken. A goods item can be identified by up to three levels of packaging.

Dependency Notes:
Semantic Notes:
Comments:
Notes: INTTRA RECOMMENDS carriers use the Header-level Summary Commodity Description (0070 FTX, 'AAA') to acknowledge commodities being shipped. If header level Summary Commodity Description is sent then GID information must not be sent in the transaction.

GID+1+50:CT:67:6:CARTON'
GID+1+0:CT:67:6'
GID+1'

The GID segment is used to report commodity level packaging.

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

INTTRA RECOMMENDS carriers send inner and inner-inner pack for dangerous cargo only if there are multiple DG cargoes in one 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 will begin with an Outer Pack Composite.
- Only one Outer Pack Composite will be sent per GID set.
- Every C213 Pack Composite provided will have either a valid package code, or package description, as well as the number of packages. INTTRA allows for a GID segment to be sent without package code/package description and number of packages (i.e. send as GID+1, GID+2) but if multiple package levels (i.e. inner and inner-inner packaging) are sent, then the package code or description and number of packages must be provided for all the package level.
- 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, INTTRA will resolve package description (if not provided by customer) systematically using valid package code (C213,7065).

Recommended GID construct:

GID+1+55000:CT:67:6:CARTON (Outer Pack Composite)
FTX+AAA+++BALL BEARINGS (commodity description)
MEA+AAE+G+KGM:45673 (weight of outer pack)

See appendix 2 for detailed instructions and examples of Goods Item Detail format.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name	Attributes		
1496		**GOODS ITEM NUMBER**	**M**	**1**	**n..5**
		Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.			
C213		**NUMBER AND TYPE OF PACKAGES**	**C**	**1**	
		Number and type of individual parts of a shipment.			
		Used to indicate the Outer package type and quantity.			
	7224	**Number of packages**	**C**		**n..8**
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.			
		Number of Outer Packages. Note: Must be a valid whole number (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.			
	7065	**Package type description code**	**C**		**an..17**
		Code specifying the type of package.			
		Two-character UN/ECE recommendation 21, revision 4 package codes. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided. For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.			
	1131	**Code list identification code**	**C**		**an..3**
		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.			
	3055	**Code list responsible agency code**	**C**		**an..3**
		Code specifying the agency responsible for a code list.			
		If C213, 7065 is populated this element must also be sent Accepted Values:			
		6 UN/ECE (United Nations - Economic Commission for Europe)			
	7064	**Type of packages**	**C**		**an..35**
		Description of the form in which goods are presented.			
		Package type description. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.			

			For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.			
Not Used		**7233**	**Packaging related description code**	**C**		**an..3**
			Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.			
	C213		**NUMBER AND TYPE OF PACKAGES**	**C**	**1**	
			Number and type of individual parts of a shipment.			
			Used to indicate the Inner package type and quantity.			
		7224	**Number of packages**	**C**		**n..8**
			Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.			
			Number of Inner Packages. Note: Must be a valid whole number (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.			
		7065	**Package type description code**	**C**		**an..17**
			Code specifying the type of package.			
			Two-character UN/ECE recommendation 21, revision 4 package codes. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided. For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.			
		1131	**Code list identification code**	**C**		**an..3**
			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.			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			If C213, 7065 is populated this element must also be sent Accepted Values:			
			6 UN/ECE (United Nations - Economic Commission for Europe)			
		7064	**Type of packages**	**C**		**an..35**
			Description of the form in which goods are presented.			
			Package type description. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.			

			For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.			
Not Used		**7233**	**Packaging related description code**	**C**		**an..3**
			Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.			
	C213		**NUMBER AND TYPE OF PACKAGES**	**C**	**1**	
			Number and type of individual parts of a shipment.			
			Used to indicate the Inner-inner package type and quantity.			
		7224	**Number of packages**	**C**		**n..8**
			Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.			
			Number of Inner-inner Packages. Note: Must be a valid whole number (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.			
		7065	**Package type description code**	**C**		**an..17**
			Code specifying the type of package.			
			Two-character UN/ECE recommendation 21, revision 4 package codes. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided. For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.			
		1131	**Code list identification code**	**C**		**an..3**
			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.			
		3055	**Code list responsible agency code**	**C**		**an..3**
			Code specifying the agency responsible for a code list.			
			If C213, 7065 is populated this element must also be sent Accepted Values:			
			6 UN/ECE (United Nations - Economic Commission for Europe)			
		7064	**Type of packages**	**C**		**an..35**
			Description of the form in which goods are presented.			
			Package type description. If Number of Packages (C213:7224) is provided then either Package Code (C213:7065) or Package Description (C213:7064) must be provided.			

			For multiple package level commodity, the Package Code (C213:7065) or Package Description (C213:7064) and Number of Packages (C213:7224) must be provided for all package levels.			
Not Used		**7233**	**Packaging related description code** Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used	**C213**		**NUMBER AND TYPE OF PACKAGES** Number and type of individual parts of a shipment.	**C**	**1**	
Not Used		**7224**	**Number of packages** Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	**C**		**n..8**
Not Used		**7065**	**Package type description code** Code specifying the type of package.	**C**		**an..17**
Not Used		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**7064**	**Type of packages** Description of the form in which goods are presented.	**C**		**an..35**
Not Used		**7233**	**Packaging related description code** Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used	**C213**		**NUMBER AND TYPE OF PACKAGES** Number and type of individual parts of a shipment.	**C**	**1**	
Not Used		**7224**	**Number of packages** Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	**C**		**n..8**
Not Used		**7065**	**Package type description code** Code specifying the type of package.	**C**		**an..17**
Not Used		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**7064**	**Type of packages** Description of the form in which goods are presented.	**C**		**an..35**
Not Used		**7233**	**Packaging related description code** Code specifying information related to packaging. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**

Segment: **FTX** **Free Text**
Position: 0460
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to specify process-able supplementary information relating to the goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: FTX+AAA+++GOODS DESCRIPTION
or
FTX+CUS++UCN:110:ZZZ+857_2938476
or
FTX+ADE++HC:169:ZZZ+HARMONIZED CODE
or
FTX+ADE++SB:76:ZZZ+SCHEDULE B NUMBER

INTTRA RECOMMENDS carriers use the Header-level Summary Commodity Description (0070 FTX, AAA) to acknowledgment commodities to be shipped. If header level Summary Commodity Description is sent then GID information must not be sent in the transaction.

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

Only 2 occurrences of FTX+CUS may be sent per GID line.

Only 2 occurrences of FTX+ADE may be sent per GID line.

INTTRA will only accept 35 characters of Harmonized code (C107, 4441 = HC) and Schedule B number (C107, 4441 = SB).

If GID details are provided INTTRA RECOMMENDS that they be limited to outer pack for non-dangerous commodities.

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

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

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

			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).		
			ADE	Code value name Text subject is name of code value. Commodity Classification		
			CUS	Customs declaration information Note contains customs declaration information.		
Not Used	**4453**		**TEXT FUNCTION, CODED** Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**
	C107		**TEXT REFERENCE** Coded reference to a standard text and its source.	**C**	**1**	
		4441	**Free text value code** Code specifying free form text.	**M**		**an..17**
			This element must be populated when Text Subject Code Qualifier (4451) = ADE or CUS. This element must not be populated when Text Subject Code Qualifier (4451) equal AAA.			
			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. Must only be sent when Text Subject Code Qualifier (4451) = CUS.		
			HC	Harmonized Code Must only be sent when Text Subject Code Qualifier (4451) = ADE.		
			SB	Schedule B Number Must only be sent when Text Subject Code Qualifier (4451) = ADE.		
			UCN	Customs Export Declaration Unique Consignment Reference (DUCR) Typically provided by the Exporter or its Agent for shipments departing Great Britain. Must only be sent when Text Subject Code Qualifier (4451) = CUS.		
		1131	**Code list identification code** Identification of a code list.	**M**		**an..3**
			Accepted Values:			
			76	Export commodity classification (US Schedule B) Code list containing the commodity classifications applying to goods being exported (United States Schedule B).		

			Must be sent when Text Subject Code Qualifier (4451) = ADE and Free Text Value Code (C107, 4441) = SB.			
			110 Customs special codes Customs code to indicate an exemption to a regulation or a special Customs treatment.			
			Must be sent when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN.			
			169 Harmonized system Identification of commodities according to the Harmonized System.			
			Must be sent when Text Subject Code Qualifier (4451) = ADE and Free Text Value Code (C107, 4441) = HC.			
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.	**M**		**an..3**
			Accepted Values:			
			ZZZ Mutually defined Defined by INTTRA			
	C108		**TEXT LITERAL** Free text; one to five lines.	**M**	**1**	
		4440	**Free text value** Free form text.	**M**		**an..512**
			This element must always be populated.			
		4440	**Free text value** Free form text.	**C**		**an..512**
			This element may only be populated when Text Subject Code Qualifier (4451) = AAA. This element must not be populated when Text Subject Code Qualifier (4451) = CUS or ADE.			
Not Used		**4440**	**Free text value** Free form text.	**C**		**an..512**
Not Used		**4440**	**Free text value** Free form text.	**C**		**an..512**
Not Used		**4440**	**Free text value** Free form text.	**C**		**an..512**
Not Used	**3453**		**LANGUAGE NAME CODE** Code specifying the language name.	**C**	**1**	**an..3**
Not Used	**4447**		**TEXT FORMATTING, CODED** Code specifying the formatting parameters for the text. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Group: **MEA** **Segment Group 11: Measurements**
Position: 0520
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A group of segments to specify measurements applicable to a goods item.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0530	MEA	Measurements	M	1	

Segment: **MEA** **Measurements**
Position: 0530 (Trigger Segment)
Group: Segment Group 11 (Measurements) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements, other than dimensions, applicable to a goods item.
Dependency Notes:
Semantic Notes:
Comments:
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.

If GID details are provided INTTRA RECOMMENDS carriers provide GID inner and inner-inner level measurements for dangerous commodities only.

All weight and/or 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"

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes		
6311		**MEASUREMENT ATTRIBUTE CODE**		**M**	**1**	**an..3**
		Code specifying the measurement attribute.				
		Accepted Value:				
		AAE	Measurement			
			[6314] Value of the measured unit.			
C502		**MEASUREMENT DETAILS**		**M**	**1**	
		Identification of measurement type.				
	6313	**Measured attribute code**		**M**		**an..3**
		Code specifying the attribute measured.				
		Accepted Value:				
		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**	**Measurement significance, coded** Code specifying the significance of a measurement value. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**6155**	**Non-discrete measurement name code** Code specifying the name of a non-discrete measurement. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..17**
Not Used		**6154**	**Non-discrete measurement name** Name of a non-discrete measurement.	**C**		**an..70**
	C174		**VALUE/RANGE** Measurement value and relevant minimum and maximum values of the measurement range.	**M**	**1**	
		6411	**Measurement unit code** Code specifying the unit of measurement. Accepted Values: For Weight: KGM = Kilograms LBR = Pounds For Volume: FTQ = Cubic feet MTQ = Cubic meters	**M**		**an..3**
		6314	**Measurement value** Value of the measured unit.	**M**		**an..18**
Not Used		**6162**	**Range minimum** Minimum of a range.	**C**		**n..18**
Not Used		**6152**	**Range maximum** Maximum of a range.	**C**		**n..18**
Not Used		**6432**	**Significant digits** To specify the number of significant digits.	**C**		**n..2**
Not Used	**7383**		**SURFACE/LAYER CODE** Code specifying the surface or layer of an object. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Group: **DIM** **Segment Group 12: Dimensions**
Position: 0550
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to specify dimensions applicable to a goods item.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0560	DIM	Dimensions	M	1	

Segment: **DIM** **Dimensions**
Position: 0560 (Trigger Segment)
Group: Segment Group 12 (Dimensions) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify dimensions applicable to a goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes: DIM+2+MTR:16.764:12.192:6.096

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

If GID details are provided INTTRA REQUIRES this segment be sent at outer pack level only.

If GID details are provided INTTRA RECOMMENDS this segment be sent only if cargo is OOG.

If GID details are provided INTTRA RECOMMENDS carriers provide header level GDS OOG flag if this segment is sent.

All numeric values will conform to below rules:

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes		
6145		**DIMENSION QUALIFIER**		**M**	**1**	**an..3**
		To specify the dimensions applicable to each of the transportable units.				
		Accepted Value:				
		2	Package dimensions (including goods)			
			The dimension of the goods including the packaging.			
C211		**DIMENSIONS**		**M**	**1**	
		Specification of the dimensions of a transportable unit.				
	6411	**Measurement unit code**		**M**		**an..3**
		Code specifying the unit of measurement.				
		This element must contain at least one of the following sub-elements (C211, 6168), (C211, 6140) or (C211, 6008).				
		Accepted Values:				
		FET	Feet			
		MTR	Meter			

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

Group: **RFF** **Segment Group 13: Reference**
Position: 0580
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify references to a goods item.

Segment Summary

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

Segment: **RFF** **Reference**
Position: 0590 (Trigger Segment)
Group: Segment Group 13 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a reference to a goods item.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

RFF+ABW:COMMODITY SKU NUMBER
or
RFF+ON:PURCHASE ORDER NUMBER
or
RFF+EX:EXPORT LICENSE NUMBER

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

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

If GID details are provided INTTRA RECOMMENDS these references be limited to outer pack for non-dangerous commodities.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name	Attributes	
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 of commodity		
		AKG Vehicle Identification Number (VIN)		
		The identification number which uniquely distinguishes one vehicle from another through the lifespan of the vehicle.		
		EX Export license number		
		[1208] Reference number assigned by issuing authority to an Export License.		
		To be sent only if each commodity has a different export license number.		
		ON Order number (purchase)		
		[1022] Reference number assigned by the buyer to an order.		
		To be sent only if each commodity has a different purchase order number.		
	1154	**Reference identifier**	**M**	**an..35**
		Identifies a reference.		

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

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

Dependency Notes:
Semantic Notes:
Comments:
Notes:

DTM+182:20070531:102
or
DTM+36:20071127:102

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'.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C507		**DATE/TIME/PERIOD**		**M**	**1**
		Date and/or time, or period relevant to the specified date/time/period type.			
	2005	**Date/time/period function code qualifier**		**M**	**an..3**
		Code giving specific meaning to a date, time or period.			
		Accepted Values:			
		36	Expiry date Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.		
		182	Issue date Date when a document/message has been or will be issued.		
	2380	**Date/time/period value**		**M**	**an..35**
		The value of a date, a date and time, a time or of a period in a specified representation.			
	2379	**Date/time/period format code**		**M**	**an..3**
		Code specifying the representation of a date, time or period.			
		Accepted Values:			
		102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		

Group: **DGS** **Segment Group 15: Dangerous Goods**
Position: 0640
Group: Segment Group 9 (Goods Item Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments to specify dangerous goods details related to the goods item. One goods item may be in different dangerous goods classes.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0650	DGS	Dangerous Goods	M	1	
0660	FTX	Free Text	C	12	
0670		Segment Group 16: Contact Information	O		3
0700		Segment Group 17: Measurements	C		4

Segment: **DGS** **Dangerous Goods**
Position: 0650 (Trigger Segment)
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the class of dangerous goods, packing group, etc.
Dependency Notes:
Semantic Notes:
Comments:
Notes: DGS+IMD+3.2:23-2:003+1993+43.3:CEL+2+EMSNBR++345++1.2:4

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

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

Temperature is stored at INTTRA as provided by the carrier.

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 appendix 3 for detailed instructions and examples of Dangerous Goods Detail format.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name	Attributes
8273		**DANGEROUS GOODS REGULATIONS CODE** Code specifying a dangerous goods regulation.	**M 1 an..3**
		Accepted value:	
		IMD IMO IMDG code Regulations regarding the transportation of dangerous	

			goods on ocean-going vessels issued by the International Maritime Organization.			
	C205		**HAZARD CODE**	**M**	**1**	
			The identification of the dangerous goods in code.			
		8351	**Hazard code identification**	**M**		**an..7**
			Dangerous goods code.			
			IMO Class Code			
		8078	**Hazard substance/item/page number**	**C**		**an..7**
			Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.			
		8092	**Hazard code version number**	**C**		**an..10**
			The version/revision number of date of issuance of the code used.			
	C234		**UNDG INFORMATION**	**M**	**1**	
			Information on dangerous goods, taken from the United Nations Dangerous Goods classification.			
		7124	**UNDG number**	**M**		**n4**
			Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.			
Not Used		**7088**	**Dangerous goods flashpoint**	**C**		**an..8**
			Lowest temperature, in the case of dangerous goods, at which vapor from an inflammable liquid forms an ignitable mixture with air.			
	C223		**DANGEROUS GOODS SHIPMENT FLASHPOINT**	**C**	**1**	
			Temperature at which a vapor can be ignited as per ISO 1523/73.			
		7106	**Shipment flashpoint**	**M**		**n3**
			Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapor is given off that can be ignited.			
		6411	**Measurement unit code**	**M**		**an..3**
			Code specifying the unit of measurement.			
			Accepted Values:			
			CEL Celsius/Centigrade			
			FAH Fahrenheit			
	8339		**PACKING GROUP, CODED**	**C**	**1**	**an..3**
			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.			
	8364		**EMS NUMBER**	**C**	**1**	**an..6**
			Emergency procedures for ships carrying dangerous goods.			
Not Used	**8410**		**MFAG**	**C**	**1**	**an..4**
			Medical first aid guide.			

	8126		**TREM CARD NUMBER**	**C**	**1**	**an..10**
			The identification of a transport emergency card giving advice for emergency actions.			
Not Used	**C235**		**HAZARD IDENTIFICATION PLACARD DETAILS**	**C**	**1**	
			These numbers appear on the hazard identification placard required on the means of transport.			
Not Used		**8158**	**Hazard identification number, upper part**	**C**		**an..4**
			The id. number for the Orange Placard (upper part) required on the means of transport.			
Not Used		**8186**	**Substance identification number, lower part**	**C**		**an4**
			The number for the Orange Placard (lower part) required on the means of transport.			
	C236		**DANGEROUS GOODS LABEL**	**C**	**1**	
			Markings identifying the type of hazardous goods and similar information.			
		8246	**Dangerous goods label marking**	**M**		**an..4**
			Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.			
			2nd IMO code To be used if more than one IMO code applies to the dangerous commodity.			
		8246	**Dangerous goods label marking**	**C**		**an..4**
			Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.			
			3rd IMO code To be used if more than two IMO code applies to the dangerous commodity.			
Not Used		**8246**	**Dangerous goods label marking**	**C**		**an..4**
			Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.			
Not Used	**8255**		**PACKING INSTRUCTION, CODED**	**C**	**1**	**an..3**
			Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft.			
Not Used	**8325**		**CATEGORY OF MEANS OF TRANSPORT, CODED**	**C**	**1**	**an..3**
			Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used	**8211**		**PERMISSION FOR TRANSPORT, CODED**	**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: 0660
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 12
Purpose: A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

FTX+AAD++PSN:122:ZZZ+PROPER SHIPPING NAME
or
FTX+AAD++TN:122:ZZZ+TECHNICAL NAME
or
FTX+AAD++TLQ:122:ZZZ
or
FTX+AAC+++DANGEROUS GOODS ADDITIONAL INFORMATION
or
FTX+AAC++P:122:ZZZ
or
FTX+AAC++PP:122:ZZZ
or
FTX+HAN++4:122:ZZZ
or
FTX+AEP+++RADIOACTIVE ADDITIONAL INFORMATION
or
FTX+PKG++6HA1:183:ZZZ

Segment FTX+AAD++PSN:122:ZZZ+PROPER SHIPPING NAME is mandatory when DGS segment is provided.

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 segments 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 for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

	Data Element	Component Element	Name		Attributes		
	4451		**TEXT SUBJECT CODE QUALIFIER**		**M**	**1**	**an..3**
			Code specifying the subject of the text.				
			Accepted Values:				
			AAC	Dangerous goods additional information Additional information concerning dangerous goods. Used for General Haz Mat comments.			
			AAD	Dangerous goods, technical name Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature.			
			AEP	Radioactive goods, additional information Additional information related to radioactive goods.			
			HAN	Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.			
			HAZ	Hazard information Information pertaining to a hazard. Used to indicate the Haz Mat Placard (Explosive, Flammable, etc.).			
			PKG	Packaging information Note contains packaging information. Free-text Value code (C107, 4441) must contain IBC (intermediate bulk container code).			
			REG	Regulatory information The free text contains information for regulatory authority.			
Not Used	**4453**		**TEXT FUNCTION, CODED**		**C**	**1**	**an..3**
			Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.				
	C107		**TEXT REFERENCE**		**C**	**1**	
			Coded reference to a standard text and its source.				
			GAS (Gas), LQD (Liquid), SLD (Solid) are mutually exclusive. NP (Non-marine pollutant), P (Marine pollutant), PP (Severe marine pollutant) are mutually exclusive. When Text Subject Code Qualifier (4451) = PKG this element must contain IBC (intermediate bulk container code).				
		4441	**Free text value code**		**M**		**an..17**
			Code specifying free form text.				
			This element must be populated when Text Subject Code Qualifier (4451) = AAD, HAN or PKG. This element may be populated when Text Subject Code Qualifier (4451) = AAC. This element must not be populated when Text Subject Code Qualifier (4451) = HAZ, AEP or REG.				

Accepted Values:	
4	Empty uncleaned receptacle
	Must be sent when Text Subject Code Qualifier (4451) = HAN.
GAS	Gas
	Hazardous commodity aggregate
	May only be sent when Text Subject Code Qualifier (4451) = AAC.
IHL	Inhalant hazard
	May only be sent when Text Subject Code Qualifier (4451) = AAC.
LQD	Liquid
	Hazardous commodity aggregate
	May only be sent when Text Subject Code Qualifier (4451) = AAC.
NP	Non-marine pollutant
	May only be sent when Text Subject Code Qualifier (4451) = AAC.
P	Marine pollutant, oder
	May only be sent when Text Subject Code Qualifier (4451) = AAC.
PP	Severe marine pollutant
	May only be sent when Text Subject Code Qualifier (4451) = AAC.
PSN	Proper dangerous goods shipping name
	Required if commodity is dangerous. May only be sent when Text Subject Code Qualifier (4451) = AAD.
SLD	Solid
	Hazardous commodity aggregate
	May only be sent when Text Subject Code Qualifier (4451) = AAC.
TLQ	Transport of dangerous goods in limited quantities
	May only be sent when Text Subject Code Qualifier (4451) = AAD.
TN	Dangerous goods technical name
	May only be sent 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).
	Must be sent when Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) = GAS, LQD, SLD, IHL, NP, P or PP or Text Subject Code Qualifier (4451) = AAD and Free Text Value Code (C107, 4441) = TLQ, PSN or TN.
183	Dangerous goods packing type

			Identification of package types for the description related to dangerous goods. IBC intermediate bulk container code Must be sent when Text Subject Code Qualifier (4451) = PKG and Free Text Value Code (C107, 4441) is populated.			
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list. Accepted Values: ZZZ Mutually defined Defined by INTTRA	**M**		**an..3**
	C108		**TEXT LITERAL** Free text; one to five lines.	**C**	**1**	
		4440	**Free text value** Free form text. This element must be populated when Text Subject Code Qualifier (4451) = HAZ, AEP 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) or Free Text Value Code (C107, 4441) equals any other code.	**M**		**an..512**
		4440	**Free text value** Free form text. This element may only be populated when Text Subject Code Qualifier (4451) = HAZ, AEP or REG or Text Subject Code Qualifier (4451) = AAC and Free Text Value Code (C107, 4441) is not populated. This element must not be populated when Text Subject Code Qualifier (4451) is equal to any other code or when Free Text Value Code (C107, 4441) is populated.	**C**		**an..512**
Not Used		**4440**	**Free text value** Free form text.	**C**		**an..512**
Not Used		**4440**	**Free text value** Free form text.	**C**		**an..512**
Not Used		**4440**	**Free text value** Free form text.	**C**		**an..512**
Not Used	**3453**		**LANGUAGE NAME CODE** Code specifying the language name.	**C**	**1**	**an..3**
Not Used	**4447**		**TEXT FORMATTING, CODED** Code specifying the formatting parameters for the text. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Group: **CTA** **Segment Group 16: Contact Information**
Position: 0670
Group: Segment Group 15 (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

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0680	CTA	Contact Information	M	1	
0690	COM	Communication Contact	M	1	

Segment: **CTA** **Contact Information**
Position: 0680 (Trigger Segment)
Group: Segment Group 16 (Contact Information) Optional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department.
Dependency Notes:
Semantic Notes:
Comments:
Notes: CTA+HE+:EMERGENCY CONTACT

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes		
3139		**CONTACT FUNCTION CODE**		**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		**DEPARTMENT OR EMPLOYEE DETAILS**		**M**	**1**	
		Code and/or name of a department or employee. Code preferred.				
Not Used	**3413**	**Department or employee identification**		**C**		**an..17**
		Internal identification code.				
	3412	**Department or employee**		**M**		**an..35**
		The department or person within an organizational entity.				
		Emergency Contact Name				

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

Dependency Notes:
Semantic Notes:
Comments:
Notes: COM+567 345 9988:TE

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name	Attributes	
C076		**COMMUNICATION CONTACT**	**M**	**1**
		Communication number of a department or employee in a specified channel.		
	3148	**Communication number**	**M**	**an..512**
		The communication number.		
		Emergency contact phone number. Note: - Should not be an 800 number.		
	3155	**Communication number code qualifier**	**M**	**an..3**
		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 17: Measurements**
Position: 0700
Group: Segment Group 15 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 4
Purpose: A group of segments to identify dangerous goods measurements.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0710	MEA	Measurements	M	1	

Segment: **MEA** **Measurements**
Position: 0710 (Trigger Segment)
Group: Segment Group 17 (Measurements) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements of the dangerous goods.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

MEA+AAE+AAF+KGM:2398.135
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

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

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

Numeric values 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"

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

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

			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**	**Measurement significance, coded** Code specifying the significance of a measurement value. Refer to D.99B Data Element Dictionary for acceptable code values.		**C**	**an..3**
Not Used		**6155**	**Non-discrete measurement name code** Code specifying the name of a non-discrete measurement. Refer to D.99B Data Element Dictionary for acceptable code values.		**C**	**an..17**
Not Used		**6154**	**Non-discrete measurement name** Name of a non-discrete measurement.		**C**	**an..70**
	C174		**VALUE/RANGE** Measurement value and relevant minimum and maximum values of the measurement range.		**M**	**1**
		6411	**Measurement unit code** Code specifying the unit of measurement.		**M**	**an..3**
			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	**Measurement value** Value of the measured unit.		**M**	**an..18**
Not Used		**6162**	**Range minimum** Minimum of a range.		**C**	**n..18**
Not Used		**6152**	**Range maximum** Maximum of a range.		**C**	**n..18**
Not Used		**6432**	**Significant digits** To specify the number of significant digits.		**C**	**n..2**

Not Used	**7383**	**SURFACE/LAYER CODE**	**C**	**1**	**an..3**

Code specifying the surface or layer of an object.
Refer to D.99B Data Element Dictionary for acceptable code values.

Group: **EQD** **Segment Group 18: Equipment Details**
Position: 0730
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to specify equipment in which goods are transported.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0740	EQD	Equipment Details	M	1	
0750	EQN	Number of Units	M	1	
0760	TMD	Transport Movement Details	C	1	
0770	MEA	Measurements	C	7	
0780	DIM	Dimensions	C	1	
0790	HAN	Handling Instructions	C	1	
0800	TMP	Temperature	C	1	
0820	FTX	Free Text	C	21	
0830	RFF	Reference	C	9	
0840		Segment Group 19: Name and Address	C		9

Segment: **EQD** **Equipment Details**
Position: 0740 (Trigger Segment)
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify equipment, and equipment size and type used in the transport.
Dependency Notes:
Semantic Notes:
Comments:
Notes: EQD+CN++22G0:102:5+2
or
EQD+CN+XXXX1234567:146:ZZZ+42G0:102:5:CONTAINER DESCRIPTION+2++5

INTTRA RECOMMENDS that carriers provide type and count of equipment confirmed.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes		
8053		**EQUIPMENT TYPE CODE QUALIFIER** Code qualifying a type of equipment.		**M**	**1**	**an..3**
		Accepted Value:				
		CN	Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.			
C237		**EQUIPMENT IDENTIFICATION** Marks (letters/numbers) identifying equipment.		**C**	**1**	
	8260	**Equipment identification number** Marks (letters and/or numbers) which identify equipment e.g. unit load device.		**M**		**an..17**
		If provided must be unique per transaction.				
	1131	**Code list identification code** Identification of a code list.		**M**		**an..3**
		Accepted Values:				
		146	Means of transport identification Code identifying the name or number of a means of transport (vessel, vehicle).			
			Actual Container Number			
	3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.		**M**		**an..3**
		Accepted Values:				
		ZZZ	Mutually defined			
			Defined by INTTRA			
Not Used	**3207**	**Country name code** Identification of the name of the country or other geographical entity as		**C**		**an..3**

			specified in ISO 3166.			
	C224		**EQUIPMENT SIZE AND TYPE**	**M**	**1**	
			Code and or name identifying size and type of equipment. Code preferred.			
		8155	**Equipment size and type description code**	**M**		**an..10**
			Code specifying the size and type of equipment.			
			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 on 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 containers designated as hybrid (e.g. tanks). For any container not designated as reefer or hybrid, Set temperature (segment TMP) or non-active flag (segment HAN) must not be sent.			
		1131	**Code list identification code**	**M**		**an..3**
			Identification of a code list.			
			Accepted Values:			
			102 Size and type			
		3055	**Code list responsible agency code**	**M**		**an..3**
			Code specifying the agency responsible for a code list.			
			5 ISO (International Organization for Standardization)			
		8154	**Equipment size and type description**	**C**		**an..35**
			Free form description of the size and type of equipment.			
			To be used for equipment description.			
	8077		**EQUIPMENT SUPPLIER, CODED**	**C**	**1**	**an..3**
			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.			
Not Used	**8249**		**EQUIPMENT STATUS CODE**	**C**	**1**	**an..3**
			Code specifying the status of equipment. Refer to D.99B Data Element Dictionary for acceptable code values.			
	8169		**FULL/EMPTY INDICATOR, CODED**	**C**	**1**	**an..3**
			To indicate the extent to which the equipment is full or empty.			
			This indicator is to reflect the status of the container when shipped. Accepted values:			
			4 Empty			
			5 Full			

Segment: **EQN** **Number of Units**
Position: 0750
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify number of pieces of equipment required.
Dependency Notes:
Semantic Notes:
Comments:
Notes: EQN+3:2

If container number is sent in the EQD segment (element C237,8260) then Number of Requested Containers Confirmed (C523, 6350) must be 1.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

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

Segment: **TMD** **Transport Movement Details**
Position: 0760
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify transport movement details for the equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: TMD+3++CC

INTTRA RECOMMENDS that carriers provide Haulage Arrangement (8341).

If sent Haulage Arrangement (8341) must be the same for all EQD segments in the transaction.

INTTRA RECOMMENDS that if carrier provides Movement Type (C219, 8335) that it be the same for all EQD 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 for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes		
C219		**MOVEMENT TYPE**		**C**	**1**	
		Description of type of service for movement of cargo.				
	8335	**Movement type description code**		**C**		**an..3**
		Code specifying a type of movement.				
		Accepted Value:				
		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**	**Movement type description**		**C**		**an..35**
		Free form description of a type of movement.				
Not Used	**8332**	**EQUIPMENT PLAN**		**C**	**1**	**an..26**
		Description indicating equipment plan, e.g. FCL or LCL.				
	8341	**HAULAGE ARRANGEMENTS, CODED**		**M**	**1**	**an..3**
		Specification of the type of equipment haulage arrangements.				
		Accepted Values:				
		1	Carrier Haulage arranged by carrier.			

	2	Merchant Haulage arranged by merchant (shipper, consignee, or their agent).

Segment: **MEA** **Measurements**
Position: 0770
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 7
Purpose: A segment to specify measurements, other than dimensions, associated with the equipment, such as weight.
Dependency Notes:
Semantic Notes:
Comments:
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
or
MEA+AAE+ZO+PCT:44.21

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

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

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

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

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

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

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

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes		
6311		**MEASUREMENT ATTRIBUTE CODE**		**M**	**1**	**an..3**
		Code specifying the measurement attribute.				
		Accepted Value:				
		AAE	Measurement			
			[6314] Value of the measured unit.			
C502		**MEASUREMENT DETAILS**		**M**	**1**	
		Identification of measurement type.				
	6313	**Measured attribute code**		**M**		**an..3**
		Code specifying the attribute measured.				
		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**	**Measurement significance, coded**		**C**		**an..3**
		Code specifying the significance of a measurement value. Refer to D.99B Data Element Dictionary for acceptable code values.				
Not Used	**6155**	**Non-discrete measurement name code**		**C**		**an..17**
		Code specifying the name of a non-discrete measurement. Refer to D.99B Data Element Dictionary for acceptable code values.				
Not Used	**6154**	**Non-discrete measurement name**		**C**		**an..70**
		Name of a non-discrete measurement.				
C174		**VALUE/RANGE**		**M**	**1**	
		Measurement value and relevant minimum and maximum values of the measurement range.				
	6411	**Measurement unit code**		**M**		**an..3**
		Code specifying the unit of measurement.				
		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			
		6314	**Measurement value** Value of the measured unit.	**M**		**an..18**
Not Used		**6162**	**Range minimum** Minimum of a range.	**C**		**n..18**
Not Used		**6152**	**Range maximum** Maximum of a range.	**C**		**n..18**
Not Used		**6432**	**Significant digits** To specify the number of significant digits.	**C**		**n..2**
Not Used	**7383**		**SURFACE/LAYER CODE** Code specifying the surface or layer of an object. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**1**	**an..3**

Segment: **DIM** **Dimensions**
Position: 0780
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify dimensions applicable to equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: DIM+9+MTR:36.5:3.65:5.48

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

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

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

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

All numeric values must conform to below rules:

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

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

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

Segment: **HAN** **Handling Instructions**
Position: 0790
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify handling instructions for specified equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: HAN+NAR

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)).

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

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 for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

	Data Element	Component Element	Name		Attributes	
	C524		**HANDLING INSTRUCTIONS**		**M**	**1**
			Instruction for the handling of goods, products or articles in shipment, storage etc.			
		4079	**Handling instructions, coded**		**M**	**an..3**
			Identification of the instructions on how specified goods, packages or containers should be handled.			
			Accepted Values:			
			NAR	Non-Active Reefer		
				Indicates that a reefer or hybrid container is to be moved without the refrigeration unit being activated.		
Not Used		**1131**	**Code list identification code**		**C**	**an..3**
			Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**		**C**	**an..3**
			Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.			
Not Used		**4078**	**Handling instructions**		**C**	**an..70**
			Instructions on how specified goods, packages or containers should be handled.			
Not Used	**C218**		**HAZARDOUS MATERIAL**		**C**	**1**
			To specify a hazardous material.			
Not Used		**7419**	**Hazardous material class code, identification**		**C**	**an..4**
			Code specifying the kind of hazard for a material.			
Not Used		**1131**	**Code list identification code**		**C**	**an..3**
			Identification of a code list.			

		Refer to D.99B Data Element Dictionary for acceptable code values.		
Not Used	**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**	**an..3**
Not Used	**7418**	**Hazardous material class** To specify the kind of hazard for a material.	**C**	**an..35**

Segment: **TMP** **Temperature**
Position: 0800
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a temperature setting for the equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: TMP+2+031: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 carriers not mix active and non-active settings for reefer or hybrid (e.g. tanks) containers on a single booking.

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

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

Temperature is stored at INTTRA as provided by the carrier.

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

See appendix 4 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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 =

1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

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

Segment: **FTX** **Free Text**
Position: 0820
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 21
Purpose: A segment to specify processable supplementary information associated with the equipment.
Dependency Notes:
Semantic Notes:
Comments:
Notes: FTX+AGK+++EQUIPMENT COMMENTS
or
FTX+SSR++FMG:130:ZZZ
or
FTX+SSR++CLN:130:ZZZ
or
FTX+HAN++SBD:130:ZZZ
or
FTX+AEB+++REEFER COMMENTS
or
FTX+CUS++UCN:110:ZZZ+857_2938476
or
FTX+AEB++NTP:130:ZZZ+6

Only 2 segments per EQD loop may be sent with Text Subject Code Qualifier of AKG; 1 with Free Text Value Code not populated and 1 with Free Text Value Code SUB.

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.

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

Text subject AEB (temperature control comments) must only be sent when a reefer or hybrid (e.g. tanks) container type is requested (0740 EQD C224, 8155) and a set temperature has been supplied (0800 TMP C239, 6246) in the container group (EQD loop).

Text subject CUS may appear at other levels in the transaction. CCN and UCN must 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.

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

	Data Element	Component Element	Name		Attributes		
	4451		**TEXT SUBJECT CODE QUALIFIER**		**M**	**1**	**an..3**
			Code specifying the subject of the text.				
			Accepted Values:				
			AEB	Temperature control instructions Instruction regarding the temperature control of the cargo.			
			AGK	Equipment Description of equipment. Used to indicate equipment comments (for information purposes only).			
			CUS	Customs declaration information Note contains customs declaration information.			
			HAN	Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.			
			SSR	Special service request Request for a special service concerning the transport of the goods.			
Not Used	**4453**		**TEXT FUNCTION, CODED**		**C**	**1**	**an..3**
			Code specifying the purpose of the text. Refer to D.99B Data Element Dictionary for acceptable code values.				
	C107		**TEXT REFERENCE**		**C**	**1**	
			Coded reference to a standard text and its source.				

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. tanks) container type is requested (0740 EQD C224, 8155) and a set temperature has been supplied (0800 TMP C239, 6246) in the container group (EQD loop).

INTTRA RECOMMENDS when ECA (equipment controlled atmosphere flag) is sent that carriers provide carbon dioxide, nitrogen, and oxygen gas measurements (0770 MEA C502, 6313 = ZC, ZN and ZO).

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

INTTRA RECOMMENDS when HUM (humidity flag) is provided that carriers send humidity measurement (0770 MEA C502, 6313 = AAO).

INTTRA RECOMMENDS when VTO (vent open flag) is provided that carriers send air flow measurement (0770 MEA C502, 6313 = AAS).

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

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

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

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

Code specifying free form text.

This element must be populated when Text Subject Code Qualifier (4451) = CUS, HAN or SSR.

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

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

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. May only be sent when Text Subject Code Qualifier (4451) = CUS.
CLN	Equipment must be cleaned
	May only be sent when Text Subject Code Qualifier (4451) = SSR.
ECA	Equipment Controlled Atmosphere
	May only be sent when Text Subject Code Qualifier (4451) = AEB.
FGE	Food grade equipment requested
	May only be sent when Text Subject Code Qualifier (4451) = SSR.
FMG	Fumigation is required
	May only be sent when Text Subject Code Qualifier (4451) = SSR.
FRZ	Super Freeze Service
	May only be sent when Text Subject Code Qualifier (4451) = AEB.
GEN	Genset Required
	May only be sent when Text Subject Code Qualifier (4451) = AEB.
GOH	Garment On Hanger
	May only be sent when Text Subject Code Qualifier (4451) = SSR.
HTE	Heavy weight tested equipment requested
	May only be sent when Text Subject Code Qualifier (4451) = SSR.
HUM	Humidify
	May only be sent when Text Subject Code Qualifier (4451) = AEB.
ICP	Number of USD Probes for ICT Service
	May only be sent when Text Subject Code Qualifier (4451) = AEB.
ICT	In Transit Cold Sterilization

		May only be sent when Text Subject Code Qualifier (4451) = AEB.
	NTP	Number of temperature probes requested
		May only be sent when Text Subject Code Qualifier (4451) = AEB.
	SAD	Store above deck
		May only be sent when Text Subject Code Qualifier (4451) = HAN.
	SBD	Store below deck
		May only be sent when Text Subject Code Qualifier (4451) = HAN.
	SUB	Equipment Substituted
		May only be sent when Text Subject Code Qualifier (4451) = AGK.
	SWP	Equipment must be swept
		May only be sent when Text Subject Code Qualifier (4451) = SSR.
	TVA	Temperature Variance
		May only be sent when Text Subject Code Qualifier (4451) = AEB.
	UCN	Customs Export Declaration Unique Consignment Reference (DUCR)
		Typically provided by the Exporter or its Agent for shipments departing Great Britain. May only be sent when Text Subject Code Qualifier (4451) = CUS.
	VTC	Vent Closed
		May only be sent when Text Subject Code Qualifier (4451) = AEB.
	VTO	Vent Open
		May only be sent when Text Subject Code Qualifier (4451) = AEB.

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

Identification of a code list.

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) = CCN or UCN.
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 or Text Subject Code Qualifier (4451) = AGK and Free Text Value Code (C107, 4441) = SUB.			
		3055	**Code list responsible agency code**	**M**		**an..3**
			Code specifying the agency responsible for a code list.			
			Accepted Values:			
			ZZZ Mutually defined			
			Defined by INTTRA			
	C108		**TEXT LITERAL**	**C**	**1**	
			Free text; one to five lines.			
		4440	**Free text value**	**M**		**an..512**
			Free form text.			
			This element must be populated when Text Subject Code Qualifier (4451) = AEB or AGK and Free Text Value Code (C107, 4441) is not populated. This element must be populated when Text Subject Code Qualifier (4451) = AEB and Free Text Value Code (C107, 4441) = ICP, NTP or TVA. This element must be populated when Text Subject Code Qualifier (4451) = CUS and Free Text Value Code (C107, 4441) = CCN or UCN. This element must not be populated when Text Subject Code Qualifier (4451) or Free Text Value Code (C107, 4441) equals any other code.			
		4440	**Free text value**	**C**		**an..512**
			Free form text.			
			This element may only be populated when Text Subject Code Qualifier (4451) = AEB or AGK and Free Text Value Code (C107, 4441) is not populated. This element must not be populated when Text Subject Code Qualifier (4451) is equal to any other code or when Free Text Value Code (C107, 4441) is populated.			
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. Refer to D.99B Data Element Dictionary for acceptable code values.			

Segment: **RFF** **Reference**
Position: 0830
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a reference number to equipment.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

RFF+RE:CONTAINER RELEASE NUMBER
or
RFF+ON:PURCHASE ORDER NUMBER
or
RFF+AGP:LOGICAL CONTAINER NUMBER
or
RFF+AEF:CUSTOMER LOAD REFERENCE

INTTRA RECOMMENDS that carriers provide Logical Container numbers if provided by customer in the booking request.

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

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
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:			
		AEF	Customer process specification number		
			Retrieval number for a process specification defined by customer.		
			Customer Load Reference		
		AGP	Company issued equipment ID		
			Owner/operator, non-government issued equipment reference number.		
			Logical container number. Used to replay logical container number from request. If provided must be unique per transaction.		
		AKG	Vehicle Identification Number (VIN)		
			The identification number which uniquely distinguishes		

		one vehicle from another through the lifespan of the vehicle.		
		ON Order number (purchase) [1022] Reference number assigned by the buyer to an order.		
		RE Release number Reference number assigned to identify a release of a set of rules, conventions, conditions, etc. Container release number		
	1154	**Reference identifier** Identifies a reference.	**M**	**an..35**
Not Used	**1156**	**Line number** Number of the line in the document/message referenced in 1154 Reference identifier.	**C**	**an..6**
Not Used	**4000**	**Reference version identifier** To identify the version of a reference.	**C**	**an..35**
Not Used	**1060**	**Revision number** To specify a revision number.	**C**	**an..6**

Group: **NAD** **Segment Group 19: Name and Address**
Position: 0840
Group: Segment Group 18 (Equipment Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A group of segments to identify different equipment pick-up or drop-off places.

Segment Summary

Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
0850	NAD	Name and Address	M	1	
0860	DTM	Date/Time/Period	C	2	

Segment: **NAD** **Name and Address**
Position: 0850 (Trigger Segment)
Group: Segment Group 19 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a pick-up or drop-off address.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

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

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

INTTRA RECOMMENDS carriers 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 carrier.

With respect to name and address, INTTRA will retain what the carrier sends.

For INTTRA registered parties, if name and/or address are not sent by the carrier, name and address from INTTRA's database will be provided at customer's request (customer preference setting).

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

Name and address (C058,3124) and Street and number (C059,3042) may also be used to convey contact name and phone number.

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

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

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

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

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

Ship from (SF) Examples.

NAD+SF++SHIP FROM NAME:SHIP FROM ST:NEWARK, DE+++++709509
or
NAD+SF+RWHS34:160:87
or

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

Ship to (ST) Examples.

NAD+ST+KEJ0989:160:ZZZ+SHIP TO NAME:SHIP TO ADDRS:HAMBURG, GERMANY
or
NAD+ST+HY790:160:ZZZ

Ship from (SF) and Intermediate (CL) Examples

NAD+SF++SHIP FROM NAME:SHIP FROM ADDRS:HAMBURG
and
NAD+CL++FIRST STOP:FIRST STOP ADDRESS:HAMBURG
and
NAD+CL++SECOND STOP:SECOND STOP ADDRESS:HAMBURG

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

NAD+CK+CARRIER_CD:160:87
or
NAD+CK+809387:160:192+EMPTY PICK UP LOC:TERMINAL ADDRESS NEWARK, NJ
or
NAD+CK++EMPTY PICK UP LOC:PICK UP ST ADDRESS:ELIZ,NJ++++++US

NAD+TR+77847667:160:ZZZ+CONTAINER TERMINAL TTT:CONTACT HANS 958878

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes
3035		**PARTY FUNCTION CODE QUALIFIER**		**M 1 an..3**
		Code giving specific meaning to a party.		
		Accepted Values:		
		CK	Empty equipment dispatch party	
			Party from whose premises empty equipment will be or has been dispatched.	
			Empty container pick up location.	
		CL	Container location party	
			Party from whose premises container will be or has been dispatched.	
			Intermediate Export Stop Off Location.	
		EV	Subcontractor	
			Firm carrying out a part of the works for a contractor.	
		SF	Ship from	
			Identification of the party from where goods will be or have been shipped.	
			Door location.	

			ST	Ship to Identification of the party to where goods will be or have been shipped. Door location.		
			TR	Terminal operator A party which handles the loading and unloading of marine vessels. Full container drop off location.		
	C082		**PARTY IDENTIFICATION DETAILS** Identification of a transaction party by code.		**C**	**1**
		3039	**Party identifier** Code specifying the identity of a party.		**M**	**an..35**
		1131	**Code list identification code** Identification of a code list.		**M**	**an..3**
			Accepted Values:			
			160	Party identification Identification of parties, corporates, etc.		
		3055	**Code list responsible agency code** Code specifying the agency responsible for a code list.		**M**	**an..3**
			Accepted Values:			
			16	US, D&B (Dun & Bradstreet Corporation) Identifies the Dun & Bradstreet Corporation, United States. Duns number Will not be validated by INTTRA.		
			87	Assigned by carrier Codes assigned by the carrier.		
			192	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.		
	C058		**NAME AND ADDRESS** Unstructured name and address: one to five lines.		**C**	**1**
		3124	**Name and address line** Free form name.		**M**	**an..35**
		3124	**Name and address line** Free form address 1.		**C**	**an..35**
		3124	**Name and address line** Free form address 2.		**C**	**an..35**
		3124	**Name and address line** Free form address 3.		**C**	**an..35**
		3124	**Name and address line** Free form address 4.		**C**	**an..35**
Not Used	**C080**		**PARTY NAME** Identification of a transaction party by name, one to five lines. Party name may be formatted.		**C**	**1**

Not Used		**3036**	**Party name** Name of a party involved in a transaction.	**M**		**an..35**
Not Used		**3036**	**Party name** Name of a party involved in a transaction.	**C**		**an..35**
Not Used		**3036**	**Party name** Name of a party involved in a transaction.	**C**		**an..35**
Not Used		**3036**	**Party name** Name of a party involved in a transaction.	**C**		**an..35**
Not Used		**3036**	**Party name** Name of a party involved in a transaction.	**C**		**an..35**
Not Used		**3045**	**Party name format code** Code specifying the representation of a party name. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
	C059		**STREET** Additional address	**C**	**1**	
		3042	**Street and number/p.o. box** Free form address 5.	**M**		**an..35**
		3042	**Street and number/p.o. box** Free form address 6.	**C**		**an..35**
Not Used		**3042**	**Street and number/p.o. box** Street and number in plain language, or Post Office Box No.	**C**		**an..35**
Not Used		**3042**	**Street and number/p.o. box** Street and number in plain language, or Post Office Box No.	**C**		**an..35**
Not Used	**3164**		**CITY NAME** Name of a city (a town, a village) for addressing purposes.	**C**	**1**	**an..35**
Not Used	**C819**		**COUNTRY SUB-ENTITY DETAILS** To specify a part of a country (e.g. county or part of a city).	**C**	**1**	
Not Used		**3229**	**Country sub-entity name code** Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	**C**		**an..9**
Not Used		**1131**	**Code list identification code** Identification of a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**3055**	**Code list responsible agency code** Code specifying the agency responsible for a code list. Refer to D.99B Data Element Dictionary for acceptable code values.	**C**		**an..3**
Not Used		**3228**	**Country sub-entity name** Name of sub-entities (state, province) defined by appropriate governmental agencies.	**C**		**an..35**
	3251		**POSTAL IDENTIFICATION CODE** Code specifying the postal zone or address.	**C**	**1**	**an..17**
	3207		**COUNTRY NAME CODE** Identification of the name of the country or other geographical entity as specified in ISO 3166. Valid 2 Character ISO Country Code.	**C**	**1**	**an..3**

Segment: **DTM** **Date/Time/Period**
Position: 0860
Group: Segment Group 19 (Name and Address) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose: To specify date, and/or time, or period.
Dependency Notes:
Semantic Notes:
Comments:
Notes: If the number of containers (EQN, C523, 6350) is greater than 1, the information in this segment applies to all containers in the group.

Dates 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 NAD segment.

DTM+181:200701120:102
DTM+200:200701131330:203

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

DTM+17:20070115:102

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

DTM+395:200701120900:203
DTM+200:200701121400:203

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

DTM+392:20070108:102

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

DTM+64:20070108:102
DTM+180:200701091000:203

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

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

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

This segment will not be processed for carrier Cancellation/Decline (0020 BGM 1225 = 1, 12) or Replacement (0020 BGM 1225 = 17).

Data Element Summary

Data Element	Component Element	Name		Attributes	
C507		**DATE/TIME/PERIOD**		**M**	**1**
		Date and/or time, or period relevant to the specified date/time/period type.			
	2005	**Date/time/period function code qualifier**		**M**	**an..3**
		Code giving specific meaning to a date, time or period.			
		17	Delivery date/time, estimated Date and/or time when the shipper of the goods expects delivery will take place.		
		64	Delivery date/time, earliest Date identifying a point in time before which the goods shall not be delivered. Earliest drop off date/time of full container to the carrier.		
		180	Closing date/time Final date for delivering cargo to a liner ship. Latest date/time full container may be delivered to the carrier.		
		181	Positioning date/time of equipment Date/time when equipment is positioned. Date/time empty container will be positioned at customer's location.		
		200	Pick-up/collection date/time of cargo Date/time at which the cargo is picked up. Date/time container will be picked-up at the intermediate export stop off location or ship from location.		
		392	Equipment collection or pick-up date/time, earliest Date/time on which equipment can be picked up at the earliest. Earliest date/time empty container may be picked up.		
		395	Equipment positioning date/time, estimated Date/time on which equipment is estimated to be positioned (delivered). Date/time container will be positioned at the intermediate export stop off location.		
	2380	**Date/time/period value**		**M**	**an..35**
		The value of a date, a date and time, a time or of a period in a specified representation.			
	2379	**Date/time/period format code**		**M**	**an..3**
		Code specifying the representation of a date, time or period. 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.		

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

Examples :

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

Segment: **UNT** **Message Trailer**
Position: 0930
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes:
Semantic Notes:
Comments:
Notes: UNT+46+0001

Data Element Summary

Data Element	Component Element	Name	Attributes		
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: 0940
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange
Dependency Notes:
Semantic Notes:
Comments:
Notes: UNZ+1+207

Data Element Summary

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

XI. Appendix 1 – Carrier IFTMBC Use Cases

This appendix shows carriers how to use the IFTMBC message set to respond to customer booking requests and amendments, under different use case conditions.

A. Providing AMS Details

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

In this case, the carrier should provide the 4 required AMS locations and 2 related dates in the header location segment (IFTMBC Position 100) as soon as the information is available, as shown in the Carrier Confirmation below.

LOC+10+NLRTM:181:6:ROTTERDAM
LOC+125+GBLIV:181:6:LIVERPOOL
LOC+87+USBOS:181:6:BOSTON
DTM+132:200704120800:203
LOC+24+NLRTM:181:6:ROTTERDAM
DTM+150:20070407:102

In the event that any of the AMS related information changes, the carrier may update the specific locations and/or dates as appropriate. The example below shows a new arrival time at the First US port.

LOC+87+USBOS:181:6:BOSTON
DTM+132:200704131400:203

B. Providing Booking Office Details

Customers may indicate that a particular Carrier booking office should handle a booking by using the header location segment (IFTMBF Position 120) as shown below. When provided, this location will always be defined by a UN Location Code in the request.

LOC+197+BEANR:181:6:ANTWERP

The carrier may provide Booking Office information, but does so using a different set of segments, specifically, the Header Parties group (IFTMBC Position 270). This allows the carrier to provide Street Address and Contact details for the Booking Office responsible for the transaction, as shown below.

NAD+BO++CARRIER NAME:120 MAIN STREET:ANTWERP, BE 092837
CTA+IC+:CARRIER CONTACT
COM+32-(0)3-232.01.03:TE

Note that INTTRA cannot reliably determine whether or not the Booking Office information provided by the Carrier matches the Booking Office requested by the customer.

C. Acknowledging Charges

Customers may provide advisory information about charges in a Booking request or amendment. These advisory charge details are provided under the party responsible for settlement and may contain payment arrangements and payment location as shown in the Customer Request example below. As recommended by INTTRA, the requested haulage service arrangement (CC) is consistent with the charge types specified in the request (Haulage charges at Export and Import).

NAD+CZ+3049870:160:87+SHIPPER NAME
CPI+11++P
LOC+57+USNYC:181:6:NEW YORK

NAD+CN+009823:160:87+CONSIGNEE NAME
CPI+5++C
LOC+57+ITGOA:181:6:GENOA, IT

EQD+CN++22G0:102:5+2
EQN+3:2
TMD+3++CC

The carrier may elect to acknowledge receipt of some or all of the advisory charge information provided in the request by including the charges to be acknowledged in the header TCC segment (IFTMBC Group 160). To acknowledge all charges, the carrier indicates 'All Charges' in a single TCC loop.

TCC+1: ZZZ

To acknowledge one or more specific charges, the carrier includes the specific charges each in a single TCC loop.

TCC+11: ZZZ
TCC+5: ZZZ

A small free (26 character) text element is supported per charge.

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.

D. Carrier Change within Carrier Brand Group

Carriers may transfer a booking from one brand to another within their organizations for carrier groups established with INTTRA. However, this change can only be accomplished the first time that the carrier responds to the booking request. Subsequent attempts to change the Carrier Brand for a booking will fail as will attempts to transfer a booking to a carrier not established in the same brand group as the carrier on the request.

The change is accomplished by providing the new carrier SCAC code, as shown in the example below.

NAD+CA+SCAC:160:87+CHANGED CARRIER NAME

E. Providing Transport Plan details

Whenever transport plan details are provided, they should be provided as a complete set starting with the Place of Receipt (Contract Start) and ending at the Place of Delivery (Contract End) as defined in the mandatory header LOC segments (IFTMBF Position 110) in the Customer's request, an example of which is given below.

LOC+88+USCHI:181:6:CHICAGO (Place of Receipt)
DTM+196:200704120800:203
LOC+7:DEBER:181:6:BERLIN (Place of Delivery)
DTM+63:20070502:102

The following conventions are used by INTTRA to process transport plan data provided by the carrier:

1. Legs should be provided in the order in which transport is expected to occur. INTTRA will store and send legs in the order received. INTTRA will not use the dates provided in the transport plan to order legs.
2. For the purposes of change reporting, INTTRA will compare:
   - The Start location of the **first** leg of the Carrier provided transport plan with the Place of Receipt provided by the customer
   - The End Location of the **last** Leg of the Carrier provided transport plan with the Place of Delivery provided by the customer.
3. For Data quality tracking, INTTRA will use the following conventions
   - INTTRA will treat the Start location of the **first** leg as the Place of Receipt
   - INTTRA will treat the End location of the **last** leg as the Place of Delivery
   - INTTRA will treat the Start location of the **first Main** leg as the main Port of Load.
   - INTTRA will treat the End location of the **last Main** leg as the main Port of Discharge.
   - Additional legs may be included for Data Quality Measurement, over time.
   - If any of the locations as defined above are not provided in the Transport Plan, INTTRA will show the corresponding named locations as null. For example, if the first Main leg in the carrier provided Transport Plan (TDT 20 in EDIFACT) does not include a Start location, INTTRA will show a null main Port of Load.

A sample Carrier Plan is shown below, illustrating these conventions, and showing the comparison between it and the sample Request above.

TDT+10++2
LOC+9+USCHI:139:6:CHICAGO (First leg Start – Place of Receipt)
DTM+180:200704121100:203
DTM+133:20070412:102
LOC+11:USELZ:139:6:ELIZABETH
TDT+20+VOY NUM+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME:DE
LOC+9+USELZ:139:6:ELIZABETH (First main Start – main Port of Load)
DTM+133:20070414:102
LOC+11:DEHAM:139:6:HAMBURG (Last main End – main Port of Discharge)
DTM+132:200704301400:203
TDT 30++3
LOC+9+DEHAM:139:6:HAMBURG
DTM+133:20070430:102
LOC+11+DEBER:139:6:BERLIN (Last leg End – Place of Delivery)
DTM+132:20070502:102

F. Updating the Transport Plan

If a plan has been provided, it should be updated whenever a significant change to the transport occurs, or when additional details become available. As noted above, the entire plan should be resent, as shown in the sample with an update, below.

TDT+10++2
LOC+9+USCHI:139:6:CHICAGO (First leg Start – Place of Receipt)
DTM+180:200704121100:203
DTM+133:20070412:102
LOC+11:USELZ:139:6:ELIZABETH
TDT+20+VOY NUM1+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME1:DE
LOC+9+USELZ:139:6:ELIZABETH (First main start – main Port of Load)
DTM+133:20070414:102
LOC+11:GBLIV:139:6:LIVERPOOL
DTM+132:20070425:102
TDT+20+VOY NUM2+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME2:DE
LOC+9:GBLIV:139:6:LIVERPOOL
DTM+133:20070425:102
LOC+11:DEHAM:139:6:HAMBURG (Last main End – main Port of Discharge)
DTM+132:200704301400:203
TDT 30++3
LOC+9+DEHAM:139:6:HAMBURG
DTM+133:20070430:102
LOC+11+DEBER:139:6:BERLIN (Last leg End – Place of Delivery)
DTM+132:20070502:102

INTTRA will compare the updated plan with the plan on the previous version of the booking, noting, in this case the addition of a Main Leg, presumably indicating transshipment.

G. Updating Equipment Details

Carriers are not required to send equipment details on a booking, and may accept the booking based on the details provided in the customer request. If the carrier does not provide equipment details, the details from the Customer's request will be used for Billing and Reporting purposes. However, there may be cases when the carrier provides additional information for, or changes information pertaining to, specific equipment, or when the equipment itself may be changed by the carrier. In these cases, all equipment details should be sent to the customer.

Whenever equipment details are provided by the carrier, they should be provided in a complete set. Generally, this means that if any thing about a particular container changes, then all equipment level details should be provided for the Booking.

H. Associating Actual Container Numbers

Logical container numbers are used in customer requests to link Split Goods Placement information to requested equipment, as shown in the customer request below.

GID+1+2100:CT:67:6
FTX+AAA+++COMMODITY DESCRIPTION
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

When carriers can link actual container numbers to customer provided logical container numbers, INTTRA recommends that carriers send this association to the customer using the combination of EQD for the Actual container number and the Equipment Reference Type 'AGP' for the corresponding Logical container number, as shown in the Carrier confirmation below.

EQD+CN+AAAA1029387:146:ZZZ+22G0:102:5+2
EQN+1:2
RFF+AGP:01

EQD+CN+BBBB9182734:146:ZZZ+22G0:102:5+2
EQN+1:2
RFF+AGP:02

I. Equipment Substitution

INTTRA considers a change in size, reefer/hybrid type, or group code a significant substitution of equipment. This criterion will be used both in change reporting, and in tracking recommendations.

When equipment is substituted by the carrier, Carriers should send back all the equipment on the booking, with the equipment substitution indicator set for only the substituted equipment. An example showing the Equipment Substituted indicator is shown below.

EQD+CN++22G0:102:5+2
EQN+1:2
FTX+AGK++SUB:130:ZZZ

Carriers should provide Pick Up and Drop Off details for substituted equipment, as appropriate for the haulage arrangement.

J. Providing Merchant Haulage details

Carriers should provide Full Drop off details and closing date information for merchant haulage bookings as shown in the example below.

EQD+CN++22G0:102:5+2
EQN+3:2
TMD+3++MM
NAD+TR+FULL CONTAINER DROP OFF LOCATION:FULL DROP OFF ADDRESS
DTM+64:200704121400:203 (earliest)
DTM+180:200704130900:203 (closing date)

Carriers should also provide Empty Pick Up details, unless the customer has provided correct Empty Pick Up details in the request. Release numbers should be provided, if applicable. An example is given below.

EQD+CN++45G0:102:5+2
EQN+1:2
TMD+3++MM
NAD+CK++EMPTY CONTAINER PICK UP LOCATION:EMPTY PICK UP ADDRESS
DTM+392:20070514:102
RFF+RE+45872714

K. Updating Carrier Haulage Details

Carriers are not expected to send Carrier haulage details in the response, except if they want to augment or change customer provided information. In this case, all equipment details should be sent. The example below shows an update to the empty positioning date at the Ship from location for a particular equipment type.

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

For unambiguous resolution of bookings with multiple stops on the Export leg, carriers must send back all the haulage legs as shown in the example below.

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+395:200705110900:203
NAD+CL++SECOND STOP LOCATION:SECOND STOP ADDRESS
DTM+395:200705111300:203

By convention, INTTRA expects the sequence in which haulage addresses are sent to match the sequence in which the stop offs occur on the outbound leg, with the intermediate stop off (CL) locations for Export immediately following the Ship From, in order of occurrence.

L. Updating Controlled Equipment Details

Carriers may accept customer request without sending details of controlled equipment in the carrier response. If carriers do send controlled equipment settings, then all equipment details for the booking should be sent.

Carriers should note that for Reefer equipment either a TMP or HAN segment is required. The same segments may be sent for equipment qualified as Hybrid, e.g., tanks – see the Container Types Listing for equipment types classified as Reefer or Hybrid.

Carriers are recommended to set the header level Controlled Equipment Indicator (GDS) for all Bookings with controlled equipment settings.

GDS+14

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 IFTMBC 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)

Appendix 4 (Controlled Equipment) in this document contains a comprehensive description of the rules and recommendations for providing controlled equipment information in the IFTMBC message.

M. Providing Commodity summary

Carriers are not required to send commodity details on a booking, and may accept the booking based on the details provided in the customer request. INTTRA recommends that carriers not replay commodity information provided in the request. If sent, it should be sent via the header level Commodity Summary (FTX, Position 0070)

which carriers may use to acknowledge commodities and/or clarify classification details for commodities provided in the customer request. If there are substantive changes to commodity information provided by the customer, carriers should use the GID segment group to send the updated commodity details. Appendix 2 (GID Conventions) in this document describes the conventions and rules for providing commodity details using the GID segment group.

Note that provision of the header level Commodity Summary is mutually exclusive with sending structured Commodity information in the GID Segment Group.

N. Providing Dangerous Goods summary

Carriers are not required to send dangerous goods information on a booking, and may accept the booking based on the details provided in the customer request. INTTRA recommends that carriers not replay dangerous goods information provided by the customer in the Request. If provided, dangerous goods information should be sent via the header level Dangerous Goods Summary (FTX, Position 0070) which carriers may use to acknowledge dangerous goods and/or clarify their classification, especially UNDG and/or IMO codes. If there are substantive changes to the Dangerous goods information provided by the customer, carriers should use the DGS segments in the GID segment group to send the updated Dangerous goods details. Appendix 2 (GID Conventions) in this document describes the conventions and rules for providing Dangerous goods details using the GID segment group.

Note that provision of the header level Dangerous Goods Summary is mutually exclusive with sending structured Dangerous Goods information in the DGS Segment, in the GID Segment Group.

Whenever dangerous goods details are provided by the carrier via the Summary or using the DGS segment, Carriers are recommended to set the header level Dangerous Goods Indicator (GDS) as follows:

GDS+11

O. Out of Gauge Dimensions

Carriers are not required to replay customer provided Out of Gauge dimensions. If they need to change, or add Out of Gauge information this may be done either at the commodity level, or at the container level.

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

GDS+5

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

Alternatively, the carrier 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.

GDS+5

EQD+CN++22G0:102:5+2
EQN+1:2
DIM+9+MTR:::19.686

When providing Out of Gauge details, INTTRA recommends the carrier sends the header level GDS indicator, as shown in the examples above.

P. Per Container Release

When a customer requests per container release as shown in the example below:

BGM+335:::INTTRA-Link+98998376:3.8+9+AC

EQD+CN++42G0:102:5+2
EQN+2:2

INTTRA recommends that the carrier respond with specific release numbers at the individual equipment level, as shown in the Carrier Confirmation below:

EQD+CN++42G0:102:4+2
EQN+1:2
RFF+RE:000345 Release
NAD+CK++EMPTY CONTAINER PICK UP LOCATION:EMPTY PICK UP ADDRESS
DTM+392:20070409:102
NAD+TR+FULL CONTAINER DROP OFF LOCATION:FULL DROP OFF ADDRESS
DTM+64:200704121400:203 (earliest)
DTM+180:200704130900:203 (closing date)

EQD+CN++42G0:102:4+2
EQN+1:2
RFF+RE:000346 Release
NAD+CK++EMPTY CONTAINER PICK UP LOCATION:EMPTY PICK UP ADDRESS
DTM+392:20070409:102
NAD+TR+FULL CONTAINER DROP OFF LOCATION:FULL DROP OFF ADDRESS
DTM+64:200704121400:203 (earliest)
DTM+180:200704130900:203 (closing date)

Even if the request specifies a single equipment group for multiple containers, the carrier should respond with multiple single-container equipment groups, and issue separate release numbers for each container along with Pick Up and Drop Off details, as illustrated above.

If per container release is not specified, carriers may issue release numbers at the booking level, or for a set of containers, or for individual equipment.

Q. Splits due to Per Container Release

For various reasons, it may not be possible or appropriate to respond to a Per Container Release request as described above. In these cases, the carrier may split a multi-container booking into multiple single container bookings in response. The example below shows splits information and split reasons for two single container splits (one set for each split booking), in response to a two container booking requesting per container release.

FTX+ABD+++THIS IS SPLIT 1 OF 2 OF BOOKING 456345
FTX+CHG++PCR:218:ZZZ

FTX+ABD+++THIS IS SPLIT 2 OF 2 OF BOOKING 456345
FTX+CHG++PCR:218:ZZZ

INTTRA recommends that the carrier include a statement of the form 'This is split N of M of Booking [INTTRA REF], [OCBN]' in the IFTMBC header FTX (Position 0070) , under qualifier 'ABD' (EDIFACT convention), as shown in the above example.

Appendix 6 (Booking Split Conventions) in this document describes the conventions and processing rules for split transactions.

R. Rolled Containers and Documentation Splits

In addition to Per Container Release, carrier-initiated splits may occur for other reasons as shown below.

The following example illustrates a split created when containers are rolled from one booking to another.

FTX+CHG++RLD:218:ZZZ

Many carrier systems require a 1:1 relationship between Bookings and Bills of lading, which can result in the creation of Splits. The following example illustrates a split created when two Bills of Lading result from a single booking.

FTX+CHG++DOC:218:ZZZ

In addition to the INTTRA provided codes for Split Reasons, Carriers also have the option of providing un-coded free text description of the Split Reason, as follows:

FTX+CHG+++THIS IS A FREE TEXT SPLIT REASON

A transaction may have at most one occurrence of each type of coded reason supported by INTTRA, and additionally, one un-coded Split reason. The following example shows a coded reason with further (un-coded) free text information.

FTX+CHG++DOC:218:ZZZ
FTX+CHG+++SHIPPER REQUESTED A BL PER CONTAINER On 2/24/08

In addition to the split reasons, INTTRA recommends that the carrier include a statement of the form 'This is split N of M of Booking [INTTRA REF], [OCBN]' in the IFTMBC header FTX (Position 0070) , under qualifier 'ABD', as shown below.

FTX+ABD+++THIS IS SPLIT 1 OF 2 OF BOOKING 234523, 1234

Appendix 6 (Booking Split Conventions) in this document describes the transaction processing rules for splits.

S. Updating Consignee and Main Notify Party details

Carriers are not required to send any party details in a booking response, other than the mandatory Carrier party. Any additional parties sent by the carrier will be stored by INTTRA. However, access to INTTRA bookings is controlled by the booker and not available to INTTRA registered parties that are carrier provided, except Consignee or a Main Notify Party under certain circumstances.

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.

The following example shows the addition of a Consignee in a carrier confirmation message.

NAD+CN+CA009283:160:87+CONSIGNEE NAME

T. Providing Email Booking Notification Recipient

INTTRA enables carriers to send email notification of a particular 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.

The following example illustrates provision of the notification details in association with a party active in the booking transaction.

NAD+CZ++SHIPPER NAME
CTA+NT+:EMAIL CONTACT NAME
COM+CUSTOMER@COMP.COM:EM

The next example shows an alternate way to send transactional email notification, using a special MR Party provided for the purpose of specifying notification email addresses.

NAD+MR++NOTIFY CONTACT
CTA+NT+:EMAIL CONTACT NAME
COM+CUSTOMER@COMP.COM:EM

U. Minimum Declination

INTTRA only processes transaction identifiers, carrier comments and header level references on a Declination. All other data on a declination is ignored by INTTRA. A declination of an INTTRA originated booking request, with the minimum (required) information is shown below.

BGM+770+INTTRA_REF+1
CTA+CW+:CARRIER CONTACT
COM+04 345 3452:TE
DTM+137:200705120400:203
FTX+AAI+++CARRIER REASON FOR DECLINE OF BOOKING
NAD+CA+SCAC:160:87

V. Minimum Confirmation

The IFTMBC message allows confirmation of a booking request (or amendment) with minimal information. This may be appropriate for recurring bookings or for bookings in which the customer has provided all of the salient details and does not require specific carrier acknowledgment at a detailed level. The example shows a carrier confirmation of an INTTRA initiated booking request with the minimum (required) information.

BGM+770+INTTRA_REF+6+AP
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
RFF+BN:CARRIER BOOKING NUMBER
NAD+CA+SCAC:160:87

W. Carrier Specification of Changes

When Carriers confirm a customer booking request with changes, or update previously confirmed information, INTTRA recommends that they provide a free text description of changes to the booking, as shown below

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

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

In addition, an INTTRA generated summary of changes will be sent in the Customer outbound IFTMBC under FTX, ‘ACB’, as shown below

FTX+ACB+++CONSIGNEE ADDED TO THE BOOKING

X. Minimum Pending Confirmation

A Pending response to an INTTRA initiated booking request may be sent with the minimum (required) information, as shown below.

BGM+770+INTTRA_REF+6+AJ
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
NAD+CA+SCAC:160:87

Y. Providing Pending Reasons

INTTRA recommends that Pending responses always be accompanied by one or more Pending reasons. Carriers may use one or more of the INTTRA defined codes to indicate the Pending reason, as shown below.

FTX+ACD++EAV:218:ZZZ ('EAV' indicates that the booking is Pending Equipment Availability)

Additionally, Carriers could provide an un-coded free text description of the Pending Reason, as follows:

FTX+ACD+++THIS IS A FREE TEXT PENDING REASON

A transaction may have at most one occurrence of each type of coded reason supported by INTTRA, and additionally, one un-coded Pending reason. The following example shows a coded reason with further (un-coded) free text information.

FTX+ACD++HCV:218:ZZZ
FTX+ACD+++HAZMAT VERIFICATION STARTED

Z. Optimal Carrier Response

This use case shows an optimal carrier response to an INTTRA initiated customer booking requesting merchant haulage service for a single commodity, single container group, dry booking. Here, all the recommended details are provided in a single response to the customer.

BGM+770+INTTRA_REF+6+AP
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
DTM+407:20070621:102
DTM+265:20070618:102
TSR+30
RFF+BN:CARRIER BOOKING NUMBER
TDT+20+VOY NUM+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME:DE
LOC+9+USELZ:181:6:ELIZABETH
DTM+133:20070414:102
DTM+180:200704130900:203
LOC+11:DEHAM:181:6:HAMBURG
DTM+132:200704301400:203
NAD+CA+SCAC:160:87
EQD+CN++45G0:102:5+2
EQN+5:2
TMD+3++MM
NAD+CK++EMPTY CONTAINER PICK UP LOCATION:EMPTY PICK UP ADDRESS
DTM+392:20070412:102
NAD+TR+FULL CONTAINER DROP OFF LOCATION:FULL DROP OFF ADDRESS
DTM+64:200704121400:203
DTM+180:200704130900:203

AA. Progressive Confirmation

The IFTMBC message also caters for a 'progressive' style of confirmation. In this case, the carrier can provide a quick initial confirmation with minimal information and send additional operational detail as it becomes available. This may be appropriate for markets with limited capacity or for highly competitive markets or for customers that need an immediate response to forward their own operations (e.g., SAP) but that do not require all operational details in the first response.

The following series of messages show a progressive carrier confirmation response to the same request, beginning with a minimum confirmation.

BGM+770+INTTRA_REF+6+AP
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
RFF+BN:CARRIER BOOKING NUMBER
NAD+CA+SCAC:160:87

A subsequent update provides the main leg of the transport plan, and Empty Pick Up details.

BGM+770+INTTRA_REF+6+AP
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
DTM+407:20070621:102
DTM+265:20070618:102
TSR+30
RFF+BN:CARRIER BOOKING NUMBER
TDT+20+VOY NUM+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME:DE
LOC+9+USELZ:181:6:ELIZABETH
DTM+133:20070414:102
LOC+11:DEHAM:181:6:HAMBURG
DTM+132:200704301400:203
NAD+CA+SCAC:160:87
EQD+CN++45G0:102:5+2
EQN+5:2
TMD+3++MM
NAD+CK++EMPTY CONTAINER PICK UP LOCATION:EMPTY PICK UP ADDRESS
DTM+392:20070412:102

The next message sends an updated transport plan showing a closing date for the first main vessel, an additional transshipment leg, and Full drop off terminal details.

BGM+770+INTTRA_REF+6+AP
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
DTM+407:20070621:102
DTM+265:20070618:102
RFF+BN:CARRIER BOOKING NUMBER
TDT+20+VOY NUM1+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME1:DE
LOC+9+USELZ:181:6:ELIZABETH
DTM+180:200704150900:203 (closing date)
DTM+133:20070414:102
LOC+11:GBLIV:181:6:LIVERPOOL (1st main End x-Ship)
DTM+132:20070425:102

TDT+20+VOY NUM2+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME2:DE
LOC+9:GBLIV:181:6:LIVERPOOL (2nd main Start)
DTM+133:20070425:102 (ETD)
LOC+11:DEHAM:181:6:HAMBURG
DTM+132:200704301400:203 (ETA)
NAD+CA+SCAC:160:87
EQD+CN++45G0:102:5+2
EQN+5:2
TMD+3++MM
NAD+TR+FULL CONTAINER DROP OFF LOCATION:FULL DROP OFF ADDRESS
DTM+64:200704121400:203 (earliest)
DTM+180:200704130900:203 (closing date)

The final message adds a Consignee, and a BL Number to the Confirmation.

BGM+770+INTTRA_REF+6+AP
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
RFF+BN:CARRIER BOOKING NUMBER
RFF+BL:BILL OF LADING NUMBER (BL)
NAD+CA+SCAC:160:87
NAD+CN+CA29387700:160:87+CONSIGNEE NAME (Consignee)

BB. Standalone Confirmation

The following example illustrates a standalone confirmation.

BGM+770++6+AP
CTA+CW+:CARRIER CONTACT
COM+04 345 3489
DTM+137:200706111500:203
DTM+407:20070621:102
DTM+265:20070618:102
TSR+29
RFF+BN:CARRIER BOOKING NUMBER
RFF+ANT:CONSIGNEE REFERENCE
RFF+ON:PURCHASE ORDER NUMBER 1
RFF+ON:PURCHASE ORDER NUMBER 2
TDT+20+VOY NUM+1+13:OCEAN+SCAC:172:182+++LLOYDS CD::11:VESSEL NAME:DE
LOC+9+USELZ:139:6:ELIZABETH
DTM+133:20070414:102
DTM+180:200704130900:203
LOC+11:DEHAM:139:6:HAMBURG
DTM+132:200704301400:203
NAD+CA+SCAC:160:87
NAD+CZ+2837460:160:87+SHIPPER NAME:SHIPPER ADDRESS
NAD+CN+974310:160:87+CONSIGNEE NAME:CONSIGNEE ADDRESS
EQD+CN++45G0:102:5+2
EQN+5:2
TMD+3++MM
NAD+CK++EMPTY CONTAINER PICK UP LOCATION:EMPTY PICK UP ADDRESS
DTM+392:20070412:102
NAD+TR+FULL CONTAINER DROP OFF LOCATION:FULL DROP OFF ADDRESS
DTM+64:200704121400:203

DTM+180:200704130900:203

CC. 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. Appendix2 – GID Conventions

This appendix describes processing of the commodity information provided in the GID (Goods Item Detail) 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. Associated segments include:

FTX: Goods Description, Classification Details, Customs Declaration Information
MEA: Measurements associated with the Goods (MEA)
RFF: References associated with the Goods
DIM: Dimensions for Out of Gauge Commodities
DGS and associated segments: Dangerous Goods Details

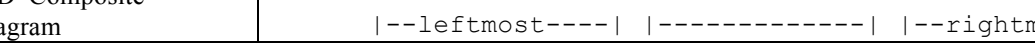
The examples in this section show both styles of inbound messages and the corresponding outbound messages generated by INTTRA in each case, further clarifying the association of detail segments within the GID structure.

The Rules section addresses the minimum requirements for valid GID. Messages that do not conform to the rules established in this section will be failed by INTTRA.

The Conventions section provides guidelines for minimizing ambiguity in the handling of cargo line items. These guidelines are not enforced by INTTRA, but conformance with the guidelines will result in consistent and correct interpretation of information.

A. GID Segment Group Structure and Glossary of Terms

Term	Definition
GID Set	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 each with inner package information. Example 4 illustrates GID segments without package count and package type/description information. **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' **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' **Example 3 – 2 GID Sets** GID+1+20:CR:67:6:CRATE' …

Term	Definition
	GID+1++100:BX:67:6:BOX' … GID+2+20:CR:67:6:CRATE' … GID+2++80:CH:67:6:CHEST' … **Example 4 – 3 GID Outer Pack Sets** GID+1' … GID+2' … GID+3' …
GID Line	A single physical occurrence of a GID Segment regardless of GID Sequence Number. Example 1 above includes 3 GID Lines Example 2 above includes 5 GID Lines Example 3 above includes 4 GID Lines
Outer GID	A GID Line with the 1st C213 composite populated. Example 1 is an Outer GID as is Example 2. Example 3 is an inner package (i.e. not a n outer GID). Example 4 is an Outer GID without package information. 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' Example 4: GID+1'
Outer GID Details	Details applicable to the Outer Pack level, namely: Measurements (MEA), References (RFF), Free Text (FTX), Out of Gauge Dimensions (DIM), Dangerous goods information (DGS)
Sub Item GID	A GID Line with the 1st C213 composite empty. Example 1 is a Sub Item GID as is Example 2. Example 3 is not a Sub Item GID but rather an outer GID. 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'
Sub Item GID Details	Details applicable to a Sub Item GID Line, namely: Measurements (MEA), References (RFF), Free Text (FTX), Dangerous goods information (DGS)
Cargo Item	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.
Split Goods	A cargo item packed in more than one container within a shipment The IFTMBC Transaction does not support the provision of Splits Goods Information for commodities
GID Composite Diagram	

Term	Definition
	GID+1+20:CR:67:6:CRATE+100:BX:67:6:BOX+180:TB:67:6:TUB' |----outer-----| |---inner-----| |-inner-inner-|
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. DIM segments apply only to outer pack composites.
2. GID MEA segments apply to the leftmost populated composite in the associated GID Line.
3. RFF segments apply to the leftmost populated composite in the associated GID Line.
4. FTX segments apply to the leftmost populated composite in the associated GID Line.
5. 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 Carrier

```
GID+1+20:CR:67:6:CRATE+100: BX:67:6:BOX+180:CY:67:6:CYLINDER'
FTX+AAA
FTX+ADE++HC
MEA+AAE+G
RFF+
DIM+
DGS+
FTX+
MEA+
```

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

```
GID+1+20:CR:67:6:CRATE'
FTX+AAA
FTX+ADE++HC
MEA+AAE+G
RFF+
DIM+
GID+1++100:BX:67:6:BOX'
GID+1+++180:CY:67:6:CYLINDER'
DGS+
FTX+
MEA+
```

In Example B.1, the GID level FTX, MEA, RFF and DIM 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. Similarly, the Out of Gauge dimensions represent the dimensions of the commodity at the Outer pack level. The DGS and its associated FTX and 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 GID's 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'
FTX+AAA+++
FTX+ADE++HC
MEA+AAE+G
RFF+ON
GID+1++100:BX:67:6:BOX'
FTX+AAA+++
GID+1+++180:CY:67:6:CYLINDER'
FTX+AAA+++
DGS+
FTX+
MEA+
```

In this case, the outbound message for this inbound message 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+
MEA+
```

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.
2. Every GID Set must include an outer pack composite.
3. Number of Packages must be a whole number
4. 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.
5. If package code or package description is provided then number of package must also be provided.
6. DIM segments can only appear at the Outer pack level.
7. There can be at most 999 C213 Pack composites in a Booking transaction, across all GID Sets.

D. GID Usage Conventions

1. INTTRA recommends provision of only the Outer pack details for all commodities. When the Outer Pack has multiple hazardous substances, inner and inner-inner pack level details may be provided if necessary.

2. Goods Description (FTX 'AAA'), Goods Classification (FTX 'ADE', 'HC' and 'ADE', 'SB'), 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 (FTX 'ADE', 'HC').

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.

4. Only one DGS classification should be associated with a cargo line item. Line items encompassing more than one DGS classification should be split.

XIII. Appendix 3 – Dangerous Goods

Use Case 'Providing Dangerous Goods Summary' in Appendix 1 (IFTMBC Use Cases) describes the conditions under which carriers may find it necessary to provided Dangerous Good information. Appendix 2 (GID Conventions) describes the conventions and rules for associating Dangerous goods details using the GID segment group. This Appendix describes how to use the structured fields in the IFTMBC 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), recommendations that are tracked (REC) 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 either Dangerous Goods Summary or Structured DGS information in GID/DGS.	REC

Dangerous Goods Information	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC/ USG
Dangerous Goods Summary	FTX 4451 = AAC 4441must be null 1st 4440 required 2nd 4440 optional	Use only to acknowledge dangerous goods and/or clarify their classification, especially UNDG and/or IMO codes	REC
		Mutually exclusive with structured DGS information sent in GID/DGS	ERR
		Provide with Dangerous Goods Indicator (GDS)	REC
Structured Dangerous Goods Detail Lines	GID/DGS	Use only to make substantive corrections to Customer provided Dangerous Goods Information	REC
		Mutually exclusive with Dangerous Goods Summary (FTX AAC)	ERR
		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 1st 4440 required 2nd 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		
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 1st 4440 required 2nd 4440 optional		

Dangerous Goods Information	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC/ USG
General Hazmat Comments	DGS/FTX 4451= AAC 4441must be Null 1st 4440 required 2nd 4440 optional		
Inhalant Hazard Indicator	DGS/FTX 4451= AAC 4441= IHL 1st 4440 must be Null 2nd 4440 must be Null		
Aggregation State	DGS/FTX 4451= AAC 4441must be one of GAS, LQD, SLD 1st 4440 must be Null 2nd 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 4441must be one of NP, P, PP 1st 4440 must be Null 2nd 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 1st 4440 must be Null 2nd 4440 must be Null		
Empty Un-cleaned Receptacle	DGS/FTX 4451= HAN 4441 = 4 1st 4440 must be Null 2nd 4440 must be Null		
Intermediate Bulk Container (IBC) Package Code	DGS/FTX 4451= AAD 4441 = IBC Code 1st 4440 must be Null 2nd 4440 must be Null	Recommend Use of valid IBC Package Code (INTTRA does not track conformance)	USG
Placard Information	DGS/FTX 4451= HAZ 4441must be Null 1st 4440 required 2nd 4440 optional		
Radioactive Goods Additional Information	DGS/FTX 4451=AEP 4441must be Null 1st 4440 required 2nd 4440 optional		
Regulatory Information	DGS/FTX 4451= REG 4441must be Null 1st 4440 required 2nd 4440 optional		

Dangerous Goods Information	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC/ USG
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	Measurements must be one of Net Weight, Net Volume, Radioactivity, Acid Concentration	ERR
		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 are specified in the EQD Segment group, under each EQD loop. Settings provided for an EQD loop apply to each piece of equipment individually, and 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. Please see the Container Type list provided with this document for specific details.

The following table summarizes the available settings for controlled equipment, the corresponding EDI segment, data validation done by INTTRA, and whether the latter is a strict validation (ERR) or recommended usage (REC).

Setting	**EDI Segment, Elements, Qualifiers**	**Data Validation**	**ERR / REC**
Equipment Type Code	EQD	Must be a valid ISO code.	ERR
		If container is Reefer type, provide with either Not Active (NAR) indicator or Set temperature	ERR
Not Active Setting	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 not active 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 4441must be Null 1st 4440 required 2nd 4440 optional	Only for active reefer/hybrid (*viz*. with TMP setting)	ERR
Equipment Control Atmosphere Indicator	EQD/FTX 4451= AEB 4441= ECA 1st 4440 must be Null 2nd 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 1st 4440 must be Null 2nd 4440 must be Null	Only for active reefer/hybrid	ERR
Humidification	EQD/FTX	Only for active reefer/hybrid	ERR

Setting	EDI Segment, Elements, Qualifiers	Data Validation	ERR / REC
Required Indicator	4451= AEB 4441= HUM 1st 4440 must be Null 2nd 4440 must be Null	Provide with humidity measurements	REC
GENSET Required Indicator	EQD/FTX 4451= AEB 4441= GEN 1st 4440 must be Null 2nd 4440 must be Null	Only for active reefer/hybrid	ERR
In-transit cold sterilization service Indicator	EQD/FTX 4451= AEB 4441= ICT 1st 4440 must be Null 2nd 4440 must be Null	Only for active reefer/hybrid	ERR
Number of USD Probes	EQD/FTX 4451= AEB 4441= ICP 1st 4440 required 2nd 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 1st 4440 required 2nd 4440 must be Null	Only for active reefer/hybrid	ERR
Temperature Variance	EQD/FTX 4451= AEB 4441= TVA 1st 4440 required 2nd 4440 must be Null	Only for active reefer/hybrid	ERR
Vent Open	EQD/FTX 4451= AEB 4441= VTO 1st 4440 must be Null 2nd 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 1st 4440 must be Null 2nd 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 Carriers may use the IFTMBC Transaction Set to confirm 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 1st 4440 must be Null 2nd 4440 must be Null	Mutually Exclusive with Stow below Deck
Stow below Deck	4451= HAN 4441= SBD 1st 4440 must be Null 2nd 4440 must be Null	Mutually Exclusive with Stow above Deck
Equipment must be Cleaned	4451= SSR 4441= CLN 1st 4440 must be Null 2nd 4440 must be Null	
Food Grade Equipment requested	4451= SSR 4441= FGE 1st 4440 must be Null 2nd 4440 must be Null	
Equipment should be Fumigated	4451= SSR 4441= FMG 1st 4440 must be Null 2nd 4440 must be Null	
Equipment should be fitted for Garment on hangers	4451= SSR 4441= GOH 1st 4440 must be Null 2nd 4440 must be Null	
Heavy Weight Tested Equipment Requested	4451= SSR 4441= HTE 1st 4440 must be Null 2nd 4440 must be Null	
Equipment must be Swept	4451= SSR 4441= SWP 1st 4440 must be Null 2nd 4440 must be Null	
Equipment Substitution Indicator	4451= AGK 4441= SUB 1st 4440 must be Null 2nd 4440 must be Null	

XVI. Appendix 6 – Booking Split Conventions

A. This Appendix:

1. Defines splits and the circumstances under which they can exist.
2. Provides recommendations for how carriers should manage booking splits for INTTRA customers in the context of the INTTRA portal.
3. Provides an overview how customers will be notified of Split activity.
4. Provides recommendations for Customer interaction with Split Bookings.
5. Defines the specific conventions established in the IFTMBC message for signaling split activity and for relating splits to their predecessors.
6. Provides a set of examples illustrating the recommendations and conventions described in the preceding sections.

B. Split 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.

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.

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. A confirmed split will have its own OCBN. A Pending split must have an OCBN even though OCBN is not required for non-split Pending bookings. A terminated split may have its own OCBN.

C. Recommended Carrier Interaction

When splitting a booking, carriers should 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. This is particularly important if the original booking is in a Customer-initiated state (Requested, Amended). Failure to respond to an original in a Customer initiated state while adding splits in a Carrier-initiated state (Confirmed, Declined) will make the entire booking chain very difficult to manage.

When splitting a booking in Requested status, the carrier links splits to the original by providing the INTTRA Ref of the original request in all of the split responses. The same is true for a split of a booking in Pending status. The carrier must provide the INTTRA Ref of the Pending booking in all of the new split transactions.

When splitting a previously un-split Confirmed INTTRA booking, the carrier relates splits to the original by providing the INTTRA Ref of the original Confirmed booking in all of the new split transactions. Because the booking has been previously confirmed, the carrier must also provide the Booking Number of the original Confirmed booking, called the 'Parent Booking Number', in the Header RFF loop under qualifier 'AGO' in each of the new split transactions.

When splitting a split of an INTTRA booking, the carrier can link new splits to the predecessor using the Parent Booking Number reference, 'AGO', or the INTTRA Ref of the predecessor, if it is known. Note that the Parent Booking Number ('AGO') is required when the predecessor is in Confirmed status. When both are provided, the INTTRA Reference takes precedence and the AGO reference is validated for a match with the Booking Number on the booking indicated by the incoming INTTRA Ref.

When splitting a Standalone Booking or a split of a Standalone booking , the carrier links new splits to the original booking using only the Parent Booking Number reference, 'AGO'. Carriers may not provide INTTRA Ref numbers for Standalone Bookings or bookings that result from splits of Standalone bookings.

Carriers may directly access a split of an INTTRA booking by the INTTRA Ref of the Split or by the OCBN of the split. If both the INTTRA Ref and OCBN are provided, the INTTRA Ref takes precedence and if the incoming OCBN is different than that on the booking, the OCBN on the booking is updated.

INTTRA will not propagate transactional information from predecessors to splits. The only transactional information in a split is that which the carrier has provided. Required elements must be supplied by the carrier for splits and recommended data should be provided.

Carriers should be certain to distribute appropriate information to splits. If, for example, the request indicates that the customer will handle AMS filing, all splits derived from the original request should include the AMS filing details – locations, dates, etc.

Carrier should be equally careful to ensure that only information that pertains to a specific split is distributed to that split. As a case in point, equipment details from the predecessor should only be propagated to the split to which they pertain. If, for example, the un-split booking had 1 active reefer container and 1 dry container, the reefer details from the original booking should only be propagated to the split with the reefer container.

INTTRA recommends that carriers provide the following information specific to split transactions.

1. A statement relating a split to the set of splits for the predecessor booking. Specifically, INTTRA recommends that the carrier include a statement of the form 'This is split N of M of Booking [INTTRA REF], [OCBN]'. This is done under the Header Free Text qualifier 'ABD', as shown below.

   FTX+ABD+++THIS IS SPLIT 1 OF 2 OF BOOKING REQUEST 456345

2. A Code indicating the reason that the Booking was Split. This done using the list of codes supported with Header Free Text Qualifier 'CHG', as shown below.

   FTX+CHG++DOC:218:ZZZ

   The list of Split Reason Codes supported is:

DOC	Split for Documentation reasons
RLD	Split because one or more containers were rolled from the original booking
PCR	Split to support customer request for Per Container Release

3. In addition to the INTTRA provided Split Reason Codes, Carriers have the option of providing free form explanations also using Header Free Text Qualifier 'CHG', as shown below.

   FTX+CHG+++THIS IS A FREE TEXT SPLIT REASON

D. Updating the Ocean Carrier Booking Number (OCBN)

The carrier may update the OCBN of an active, non-replaced INTTRA booking at any time by providing a replacement OCBN value with the INTTRA Ref of the target INTTRA booking. Updates are not allowed to terminated bookings or to bookings in Replaced status.

To replace the OCBN of an active, non-replaced Standalone booking or of an active split for which the INTTRA Ref is not known, the carrier may use the split mechanism. In this case, the carrier indicates that the original booking is to be fully replaced and then provides a single split replacement with the new OCBN. INTTRA will

maintain the relationship between the two bookings. Note that this mechanism may be used to replace the OCBN for INTTRA bookings as well.

Note that carriers may re-use Booking Numbers only when all prior occurrences are associated with inactive (previous version, declined or cancelled) bookings. Carriers may not re-use booking numbers that are associated with bookings that have been 'replaced'. For the purpose of OCBN re-use, bookings in 'Replaced' status are considered active.

E. Split Notifications to Customers

INTTRA will provide the appropriate indicators in BGM 1225 for EDI split transactions sent to customers. Each split sent will have its own INTTRA Ref. All Confirmed and Pending splits sent to customers will also have the OCBN assigned by the carrier.

When the split is related to a booking originally requested by the customer through INTTRA, 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. This also means that customers are likely to receive multiple Carrier Booking Numbers for a given Shipment ID, one for each confirmed split arising from the original request.

Split transactions will trigger standard notifications. Customers subscribed to receive EDI will receive an IFTMBC message for each split created by the carrier. Customers subscribed for Email will similarly receive email notifications for each split confirmation or decline. Split transactions will also trigger push notifications to all recipients established by the customer on the original booking transaction.

In addition, INTTRA will offer an option to receive a specific 'workflow' Email notification when Split activity is detected for a booking. The 'workflow' split notification will be sent upon receipt of the first split for a booking. The Split email notification will be available under subscription only.

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.

F. 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 transaction will be failed.

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 transaction will be failed. 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 transaction will also be failed.

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, in which case, the transaction will also be failed. 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 transaction is resolved to a Booking in Replaced status, it will be failed.

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	Ignored	Customer	Cancellation of Replaced Bookings will not be processed by INTTRA.
Replaced	Declined	N	Carrier	Carrier cannot action a transaction that has been replaced.
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.

Prior State	Current State	Allowed	Initiator	Comment
Replaced	Requested	N	Customer	Shipment ID cannot be re-used when associated with a Replaced booking.
Replaced	Null	N		Invalid message.

G. IFTMBC Split Conventions

For the new Split Bookings introduced by the Carrier:

- The new Split Bookings in Confirmed status will have the value '54' in BGM 1225, Message Function Code, indicating that the response is an 'extract'. BGM 4343 will either have the value 'AP' (confirmed) or 'CA' (conditional confirmation) as appropriate.
- New Split Bookings in Pending status will also have the value '54' in BGM 1225. BGM 4343 will have the value 'AJ' indicating that the booking has been 'Pended'.
- For the Split Bookings in Declined status, BGM 1225 will have the value '12' and BGM 4343 will have no value.
- **The INTTRA Ref in BGM 1004 for all Split INTTRA Bookings must be that of the original Source Booking transaction.**
- **When a previously confirmed booking is split, the resulting Split Bookings will always include a new reference , 'AGO', Senders Reference to Original Message, in Segment Group 2, Header RFF. This reference is to have the value of the Carrier Booking Number of the Source Booking. The BN reference in the same group will have the value of the Carrier Booking Number for the new Split Booking. NOTE: In the event that the Split is a split of a previously split booking, the value for AGO is that of the immediate parent, not the original.**
- **INTTRA recommends that the carrier include a statement of the form 'This is split N of M of Booking [INTTRA REF], [OCBN] in the IFTMBC header FTX , under qualifier 'ABD' (EDIFACT convention.)**

If the original Source Booking is a Stand Alone, the INTTRA Ref will not be provided. In this case, INTTRA will make the match between the Source Booking and related Split Bookings using the reference value AGO as described above.

For the Source Booking Split by the Carrier:

- **If the Source Booking is deactivated in order to be replaced by one or more Split Bookings, the value of BGM 1225 must be '17', 'Cancel, Reissue', so that INTTRA can detect the replacement transaction and set the Source Booking in 'Replaced' status. The value of BGM 4343 is null as is the case for all termination transactions.**
- If the Source Booking remains active, it should be returned with the appropriate changes. In this case, the value of BGM 1225 is the standard value '6'. BGM 4343 will either have the value 'AP' or 'CA' as appropriate.
  - **For INTTRA Bookings, The INTTRA Ref in BGM 1004 for the Source Booking is unchanged.**
  - **The 'AGO' reference is not required. If provided, the values of 'AGO' and 'BN' should be the same for the Source Booking.**

H. Split Examples

6.1 Splitting a Request, Original Remains Active

Original Request to Carrier (6 containers)

```
UNB+UNOC:3+INTTRANG2:ZZZ+CARRIER_ID:ZZZ+070929:1051+41310084'
UNH+1+IFTMBF:D:99B:UN:2.0'
BGM+335:::INTTRA_Link+ 2400000012:3.8+9'    -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+6:2'
```

Confirm of Original Request (container count reduced to 2)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+10084'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2400000012+6+AP'     -- INTTRA Ref
.
RFF+BN:CBN2000001'           -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'                     -- 2 Containers confirmed
```

Split 1 of Original Request (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+10085'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2400000012+54+AP'    -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 2400000012'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN: CBN2000001_1'        -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Split 2 of Original Request (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+10086'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2400000012+54+AP'    -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 2400000012'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN: CBN2000001_2'        -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

6.2 Splitting a Request, Original Is Replaced

Original Request to Carrier (6 containers)

```
UNB+UNOC:3+INTTRANG2:ZZZ+CARRIER_ID:ZZZ+070929:1051+41310022'
UNH+1+IFTMBF:D:99B:UN:2.0'
BGM+335:::INTTRA_Link+2500000012:3.8+9'     -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+6:2'
```

Replace of Original Request (splits to follow)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12043'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2500000012+17'       -- INTTRA Ref
```

Split 1 (4 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12044'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2500000012+54+AP'    -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 2500000012'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN: CBN4000001_1'        -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+4:2'
```

Split 2 (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12045'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2500000012+54+AP'    -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 2500000012'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN: CBN4000001_2'        -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

6.3 Splitting a Confirmed Booking

Original Request to Carrier (6 containers)

```
UNB+UNOC:3+INTTRANG2:ZZZ+CARRIER_ID:ZZZ+070929:1051+221872'
UNH+1+IFTMBF:D:99B:UN:2.0'
BGM+335:::INTTRA_Link+3500000012:3.8+9'     -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+6:2'
```

Confirm of Original Request (all 6 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+39063'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+3500000012+6+AP'     -- INTTRA Ref
.
RFF+BN: CBN8000001’          -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+6:2'
```

Replace of Confirmed Booking (splits to follow)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+39064'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+3500000012+17'       -- INTTRA Ref
.
RFF+BN: CBN8000001'          -- Carrier Booking Number
```

Split 1 (4 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+39065'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+3500000012+54+AP'    -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF CONFIRMED BOOKING CBN8000001'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO: CBN8000001'         -- Carrier Parent Booking Number
RFF+BN: CBN8000001_1'        -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+4:2'
```

Split 2 (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+39066'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+ 3500000012+54+AP'   -- INTTRA Ref
.
```

```
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF CONFIRMED BOOKING CBN8000001'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO: CBN8000001'          -- Carrier Parent Booking Number
RFF+BN: CBN8000001_2'         -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

6.4 Splitting a Standalone Booking

Initial Carrier Originated Booking (Standalone, 5 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+15566'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++6+AP'                -- No INTTRA Ref
.
RFF+BN:CBN3300001'            -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+5:2'                      -- 5 Containers
```

Split 1of Carrier Originated Booking (Standalone) (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+10085'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF CONFIRMED BOOKING CBN3300001'
FTX+CHG++DOC:218:ZZZ'
.
RFF+AGO:CBN3300001'           -- Carrier Source Booking Number
RFF+BN:CBN3300001_1'          -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Split 2 of Carrier Originated Booking (Standalone) (3 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+10086'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF CONFIRMED BOOKING CBN3300001'
FTX+CHG++DOC:218:ZZZ'
.
RFF+AGO:CBN3300001'           -- Carrier Source Booking Number
RFF+BN:CBN3300001_2'          -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+3:2'
```

6.5 Splitting a Previous Split of an INTTRA Booking

Original Request to Carrier (6 containers)

```
UNB+UNOC:3+INTTRANG2:ZZZ+CARRIER_ID:ZZZ+070929:1051+41310022'
UNH+1+IFTMBF:D:99B:UN:2.0'
BGM+335:::INTTRA_Link+2300000012:3.8+9'     -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+6:2'
```

Replace of Original Request (splits to follow)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12043'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2300000012+17'      -- INTTRA Ref
```

Split 1 (4 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12044'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2300000012+54+AP'    -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 2300000012'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN:CBN1000001_1'         -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+4:2'
```

Split 2 (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12045'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+2300000012+54+AP'    -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 2300000012'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN:CBN1000001_2'         -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Subsequent Split of Split 1 (4 containers)
Replace of Split 1 (splits to follow)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+071003:1151+13111'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++17'                  -- No INTTRA Ref
.
RFF+BN:CBN1000001_1'        -- Carrier Booking Number
```

Split 1.1 of Split 1 (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12044'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF CONFIRMED BOOKING CBN1000001_1'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO:CBN1000001_1'        -- Carrier Source Booking Number
RFF+BN:CBN1000001_1_1'       -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Split 1.2 of Split 1 (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12045'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF CONFIRMED BOOKING CBN1000001_1'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO:CBN1000001_1'        -- Carrier Source Booking Number
RFF+BN:CBN1000001_1_2'       -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

6.6 Splitting a Previous Split of a Standalone Booking

Initial Carrier Originated Booking (Standalone, 5 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+15566'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++6+AP'                -- No INTTRA Ref
.
RFF+BN:CBN77700001'           -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+5:2'                      -- 5 Containers
```

Split 1 of Carrier Originated Booking (Standalone) (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+10085'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF CONFIRMED BOOKING CBN77700001'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO:CBN77700001'         -- Carrier Source Booking Number
RFF+BN:CBN77700001_1'        -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Split 2 of Carrier Originated Booking (Standalone) (3 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+10086'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF CONFIRMED BOOKING CBN77700001'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO:CBN77700001'         -- Carrier Source Booking Number
RFF+BN:CBN77700001_2'        -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+3:2'
```

Subsequent Split of Split 2 (3 containers) of Carrier Originated Booking (Standalone, 5 containers) Replace of Split 2 (splits to follow)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+071005:1151+561913'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++17'                  -- No INTTRA Ref
.
RFF+BN:CBN77700001_2'         -- Carrier Booking Number
```

Split 2.1of Split 2 Carrier Originated Booking (Standalone) (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+071005:1151+561914'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'              -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF CONFIRMED BOOKING CBN77700001_2'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO:CBN77700001_2'       -- Carrier Source Booking Number
RFF+BN:CBN77700001_2_1'      -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Split 2.2 of Split 2 Carrier Originated Booking (Standalone) (1 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+071005:1151+561915'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'              -- No INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF CONFIRMED BOOKING CBN77700001_2'
FTX+CHG++RLD:218:ZZZ'
.
RFF+AGO:CBN77700001_2'       -- Carrier Source Booking Number
RFF+BN:CBN77700001_2_2'      -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+1:2'
```

6.7 Re-Confirming a Split

Split 1 (4 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12044'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+8900000004+54+AP'     -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 1 OF 2 OF ORIGINAL BOOKING REQUEST 8900000004'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN: CBN1900001_1'         -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+4:2'
```

Split 2 (2 containers)

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+070929:1151+12045'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770+8900000004+54+AP'     -- INTTRA Ref
.
FTX+ABD+++THIS IS SPLIT 2 OF 2 OF ORIGINAL BOOKING REQUEST 8900000004'
FTX+CHG++RLD:218:ZZZ'
.
RFF+BN: CBN1900001_2'         -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Re-Confirm Split 1

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+071003:1151+334212'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
RFF+BN: CBN1900001_1'         -- Carrier Booking Number
```

Re-Confirm Split 2

```
UNB+UNOC:3+CARRIER_ID:ZZZ+INTTRANG2:ZZZ+071003:1151+334213'
UNH+1+IFTMBC:D:99B:UN:2.0'
BGM+770++54+AP'               -- No INTTRA Ref
.
RFF+BN: CBN1900001_2'         -- Carrier Booking Number
```

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

Example shows an Error condition.

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+NLRTM: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.

6.9 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 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+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+672000001 2'                          -- 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+672000001 3'                          -- INTTRA Ref
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

Amendment for Split 1 from Customer, specifically identified by INTTRA Ref

---

```
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+672000001 2'                          -- 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'
```

6.10 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 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+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'
```

6.11 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 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+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+NLRTM: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+NLRTM:181:6:ROTTERDAM'
.
RFF+BN:CBN6800001_2'                          -- Carrier Booking Number
.
EQD+CN++45G0:102:5'
EQN+2:2'
```

6.12 Customer Amendment of a Split Booking with an Active Original; Customer Provides Shipment ID, INTTRA Ref and Carrier Booking Number.

Example shows an Error condition.

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. The correct Carrier Booking Number is CBN6610001