



**IFTMIN Shipping Instruction  
From Customer  
To INTTRA  
EDIFACT Version D Release 99B**

**User Guide  
Version 3.0**

# IFTMIN Shipping Instruction

## From Customer

## To INTTRA

### EDIFACT Version D Release 99B

<b>I.</b>	<b>Audience.....</b>	<b>4</b>
<b>II.</b>	<b>General Conventions.....</b>	<b>4</b>
A.	<i>Locations.....</i>	<i>4</i>
B.	<i>Numeric Conventions .....</i>	<i>5</i>
C.	<i>Reference Numbers .....</i>	<i>5</i>
D.	<i>The Requestor Party.....</i>	<i>5</i>
E.	<i>Party Name and Address Handling.....</i>	<i>5</i>
F.	<i>Goods – Container Relationship .....</i>	<i>6</i>
G.	<i>Booking – Shipping Instruction Relationship.....</i>	<i>6</i>
H.	<i>Consolidation Shipments.....</i>	<i>6</i>
I.	<i>Bill of Lading Printing .....</i>	<i>6</i>
J.	<i>Supported Character Sets.....</i>	<i>7</i>
K.	<i>Universal Carrier Access (UCA) Program .....</i>	<i>7</i>
<b>III.</b>	<b>Customs Regulations.....</b>	<b>7</b>
A.	<i>Brazil.....</i>	<i>7</i>
B.	<i>United States .....</i>	<i>8</i>
C.	<i>Canada .....</i>	<i>9</i>
<b>IV.</b>	<b>Message Flow .....</b>	<b>9</b>
<b>V.</b>	<b>Acknowledgments .....</b>	<b>10</b>
A.	<i>CONTRL Message.....</i>	<i>10</i>
B.	<i>APERAK Message .....</i>	<i>10</i>
<b>VI.</b>	<b>IFTMIN Message Specification.....</b>	<b>10</b>
A.	<i>Changes from version 1.4 (November 2006) to version 3.0 (August 2009).....</i>	<i>10</i>
B.	<i>Changes from version 1.3 (May 2006) to version 1.4 (November 2006) .....</i>	<i>11</i>
C.	<i>Changes from version 1.2 (October 2004) to version 1.3 (May 2006).....</i>	<i>12</i>

D.	<i>Changes from version 1.1 (April 2003) to version 1.2 (October 2004).....</i>	<i>12</i>
E.	<i>Message Hierarchy .....</i>	<i>15</i>
F.	<i>INTTRA IFTMIN D99B, Version 3.0.....</i>	<i>20</i>
<b>VII.</b>	<b>Appendix 1 – Message Examples .....</b>	<b>123</b>
A.	<i>Single Commodity, Multiple Container.....</i>	<i>123</i>
B.	<i>Single Commodity, Single Container .....</i>	<i>124</i>
C.	<i>Single Commodity, Single Container with Outer and Inner Packing.....</i>	<i>125</i>
D.	<i>Multiple Commodities, Multiple Containers .....</i>	<i>126</i>
E.	<i>Multiple Commodities, Single Container .....</i>	<i>127</i>
F.	<i>Dangerous Goods.....</i>	<i>128</i>
G.	<i>Temperature Controlled Cargo.....</i>	<i>129</i>
<b>VIII.</b>	<b>Appendix 2 – GID Usage.....</b>	<b>131</b>
H.	<i>Introduction – GID Usage.....</i>	<i>131</i>
I.	<i>Glossary of Terms used in GID Discussion.....</i>	<i>132</i>
J.	<i>Association of Detail Segments .....</i>	<i>133</i>
K.	<i>Rules.....</i>	<i>135</i>
L.	<i>Usage Conventions.....</i>	<i>141</i>
<b>IX.</b>	<b>Appendix 3 – Structure for Information Contact Parties.....</b>	<b>146</b>
M.	<i>Standard Information Contact Example.....</i>	<i>146</i>
N.	<i>Message Recipient Contact Example .....</i>	<i>146</i>
O.	<i>BL Act Autosshare Contact Example .....</i>	<i>146</i>
P.	<i>UCA Carrier Contact Example .....</i>	<i>146</i>
<b>X.</b>	<b>Appendix 4 – Manifest Filing and Customs Regulation .....</b>	<b>146</b>
Q.	<i>Manifest Filing Examples.....</i>	<i>146</i>
R.	<i>SISCARGA Examples .....</i>	<i>150</i>
S.	<i>Canadian Imports.....</i>	<i>152</i>
T.	<i>Unstructured Addresses .....</i>	<i>153</i>

## 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 Shipping Instructions to INTTRA Carriers via INTTRA's version of EDIFACT IFTMIN (99B) or the Universal Carrier Access (UCA) PDF.

The following sections provide detail information regarding General Conventions, Message Flow, Acknowledgements, Message Specifications, and Message Samples. Additional reference guides for purposes of establishing Internet based file exchange are identified.

## II. General Conventions

The use of EDI to convey shipping instructions to ocean carriers provides the opportunity for considerable efficiency and cost reduction for all involved. However, effective use of EDI, especially in the context of a single format for multiple carriers, requires adherence to a few general conventions. When these conventions are overlooked, manual intervention is required and the opportunities for efficiency and cost savings are reduced. The following outlines general conventions to be applied in submission of Shipping Instructions to INTTRA.

### A. Locations

Faxes and phone calls generally go directly to the person responsible for producing Bills of Lading (BL's). EDI is generally delivered to a single system that services requests from around the world. Incoming Shipping Instructions (SI's) must be routed electronically to the person responsible for preparation of BL's.

Carrier EDI systems typically use some combination of the locations defined in a SI to route SI's to the correct documentation office. Most systems depend on location codes (UN Location Codes, referred to as 'UNLOCODEs') to perform routing. SI messages without fully populated, coded locations are usually routed to a central queue for manual routing. This condition may result in processing delays.

When INTTRA receives a UNLOCODE or Customer Geography Alias (see note 2 below), it is validated against our master location data; if not valid then message will fail.

SI messages with UNLOCODEs are handled much more efficiently. To ensure effective handling, SI messages should have coded values for the following locations:

- Place of Payment
- BL Release Office
- Origin of Goods
- Place of Receipt
- Place of Delivery
- Port of Load
- Port of Discharge
- Container Stuffing Location

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

1. Advise the INTTRA Integration Project Manager of the situation and arrange cross-references for non-coded locations. INTTRA will establish a cross reference between your codes and the UNLOCODEs required for carrier processing, this is referred to in the Implementation Guide (IG) as Customer Geography Alias.
2. Provide a clear location name in lieu of a code. Some carrier systems can resolve locations using a clear text

look up.

In general, it is best to provide both a code and a clear text description for all locations.

## **B. Numeric Conventions**

Message standards often define values representing numbers as alphanumeric. However, carrier systems process these values as numbers. To ensure that carrier systems can load and process messages with minimal manual intervention, SI values representing numbers (e.g. measurements, counts, monetary values) should be presented as valid numbers using the dot ('.') as the decimal separator and with explicit precision when relevant:

1. Package and equipment counts should be presented as whole numbers with no decimal components to avoid confusion. A fractional (0.5) package or equipment count would result in manual intervention.
2. Measurements:
  - Weight should be presented with a precision of no more than 3.
  - Volume should be presented with a precision of no more than 4.
  - Decimal separator should be the dot ('.'), e.g., 10455.125 KGM or 45.8735 MTQ.
  - Commas should not be used for grouping, e.g., 10,455.125.
3. Carrier printing systems generally offer various options for representing numeric values on BL's, e.g., comma or dot delimited groups; comma or dot decimal separators. If you have such a preference, please advise the INTTRA Integration Project Manager.

## **C. Reference Numbers**

Carriers generally require that their Booking Number be provided. Provision of the Carrier Booking Number facilitates processing. Omission of the Carrier Booking Number may result in processing delays. Additionally, either a Forwarders Reference Number or a Shippers Reference Number is desired.

Note that the INTTRA IG allows up to 35 characters for any reference number, carrier systems are often more tightly constrained, e.g., 17 to 20 characters. To avoid problems, key reference numbers should typically be no more than 17 characters long and only one reference value per qualifier, please do not place multiple references, separated by commas, into a single element.

Additional reference values may be provided as structured elements. References that are expected to appear on the BL should also be included in the appropriate Free Text segment, typically the Goods Description.

## **D. The Requestor Party**

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

## **E. Party Name and Address Handling**

Party names should be reported in 2 discrete 35 character strings. Unstructured party addresses should be reported in up to 4 discrete 35 character strings. Name or address strings exceeding 35 characters will be subject to truncation and/or word wrapping.

Party Names and Unstructured addresses represent the name and address that will be printed on the Bill of Lading.

**Structured Address.** In addition to the 4\*35 unstructured address, INTTRA also allows the option to provide Party addresses in a structured format:

Street  
City  
State or Province  
Postal Code  
Country Code

Street should be provided in 2 discrete 35 character strings. Country Code should be provided as 2-character ISO country code. Messages containing an invalid country code will fail.

#### **F. Goods – Container Relationship**

Carrier BL printing systems are generally dependent on an established relationship between goods and containers. In general, the number of outer packages of a given commodity and the gross weight of each commodity should be provided for each container into which the commodity is loaded. To avoid regulatory issues in some regions, use of 'PALLET' as a package type should be avoided.

Both the package count and weight values should be valid numbers. Failure to provide this information will result in manual intervention, delays and very likely, issues with the resulting BL. If you know that you are not able to consistently provide this information, please advise your INTTRA Project Manager.

#### **G. Booking – Shipping Instruction Relationship**

Many of the commercial and operational details of a transaction between a shipper/forwarder and a carrier must be resolved before the booking is accepted. Generally, these include service requirements and the transport plan (vessel, voyage, operational locations, dangerous goods specifications, etc...).

The SI serves the following additional purposes:

1. Allows the requestor to stipulate the commodity details that should appear on the BL.
2. Allows the requestor to provide literals for BL values that need to conform to financial documents, e.g., party names and addresses and location spelling.
3. Allows the requestor to provide details for carrier manifest and compliance with destination regulations.

Carriers require the booking number(s) within the shipping instruction message. This allows carrier documentation agents to reference the original booking. It is worth noting that in many carrier systems, values from the booking supersede the same values provided in the shipping instruction.

#### **H. Consolidation Shipments**

INTTRA now supports consolidation shipments, an aggregation of multiple LCL shipments. If you need to provide consolidation details to your Carrier, you must provide the Single Message Indicator (aka "SMI") in the transaction to facilitate processing. When this indicator is sent, filing status and other house bill information must be provided at the GID level. Carriers will ignore any filing status information sent at the header, if provided.

Additional processing details are described in the segment notes.

#### **I. Bill of Lading Printing**

There is some variation among carrier BL printing systems. INTTRA generally masks these variations, but only to the extent that the general usage conventions listed above and noted in the IG details are followed.

In addition to the usage conventions, we recommend that the following details be kept in mind when preparing a SI for electronic submission.

1. Print areas on Bills of Lading have physical boundaries. Generally speaking:
  - a. Marks and Numbers lines are approximately 17 characters wide. Formatted Marks and Numbers should be constructed to respect these boundaries. Lines that exceed 17 characters may be wrapped with unpredictable printing results.
  - b. Goods Description lines are typically 26 - 30 characters wide on the printed B/L. Formatted description lines in excess of 26 characters may be wrapped. INTTRA supports up to 99 loops of 512 character elements per loop for Goods Description.
2. Carriers control the contractual clauses that appear on a BL. Thus some clauses provided in the SI may be omitted by the Carrier. Carrier systems typically allow for user defined clauses. When provided, these clauses generally print after all of the goods lines have been printed.

#### **J. Supported Character Sets**

INTTRA supports use of the ISO-8859-1 character set (Hex 0x01 to 0xFF). Certain control characters should be avoided to ensure timely and complete EDI processing. The following subset of control characters may be deleted by INTTRA 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. &#39;) should not be used. These values will not be resolved by INTTRA and may cause delays in transaction processing. General entities (Ex. &amp;) are acceptable by INTTRA.

#### **K. Universal Carrier Access (UCA) Program**

INTTRA provides access for companies to non-participating carriers through its Universal Carrier Access (UCA) program. Companies will be able to use the standard INTTRA Shipping Instruction implementation to access external carriers. INTTRA will deliver the Shipping Instruction information to the non-participating carriers only as an Email notification containing a detailed PDF. EDI transactions will not be provided to the non-participating carriers. The following carrier recipient details are required for successful processing of UCA transactions:

1. Carrier party details must be supplied with the "IUCA" party identifier code.
2. The name of the carrier must be provided as the party name.
3. At minimum one or at most two email addresses must be provided as the recipients of the carrier PDF notification.

### **III. Customs Regulations**

With SI 3, INTTRA message now require compliance with customs requirements for Brazil, US and Canada as summarized below:

#### **A. Brazil**

SISCARGA is Brazil's current manifest reporting system. Below is a summary of the regulatory requirements for SISCARGA:

The following are mandatory for both imports into and exports from Brazil:

1. NCM Code ("Nomenclature Comun do Mercosul") for each commodity
2. Cargo Gross Weight expressed in kilograms for each commodity
3. Cargo Gross Volume expressed in cubic meters for each commodity
4. Container Tare Weight expressed in kilograms

The following are mandatory for Brazil Exports:

5. Shipper Name
6. Shipper's Unstructured Address
7. Shipper's Tax ID Number or CNPJ
8. Export Declaration Type of every commodity
9. Export Dispatch Declaration ("DDE") also known as Customs House Broker Reference for each commodity

The following are mandatory for Brazil Imports when the Consignee is located in Brazil:

10. Consignee Name
11. Consignee's Unstructured Address and Country Code
12. Consignee's Tax ID Number or CNPJ

For "To Order" shipments to Brazil or in the event that the Consignee is located outside of Brazil, Main Notify Party Name, Unstructured Address, Country Code and Tax ID Number (or CNPJ) are mandatory.

## **B. United States**

### **a) US Imports**

- HS Code is mandatory for each commodity
- Postal code is mandatory for Consignee and Main Notify. Note: Consignee Postal code can be omitted for "to order" shipments.
- Filing status ("Self" or "Carrier") and Filing Country is mandatory. (Note: Filing status is optional provided that Customer has setup a default filing status preference with INTTRA.)
- If Filing status = Self, Self-filer code is mandatory.

### **b) US Exports**

- Internal Transaction Number (ITN) is mandatory either at the header or commodity level, but not both. If ITN is provided at the commodity level, ITN must be provided for every commodity.
- Either HS Code or Schedule B is mandatory.

### **c) Optional 10+2 Datafields**

INTTRA SI 3 allows B/L Requestors to share 10+2 data with 3<sup>rd</sup> parties via INTTRA's information sharing feature. INTTRA does not act as a 3<sup>rd</sup> party filing agent and does not submit Importer Security Filings to US Customs or other regulatory agencies. Please see Disclaimer below defining INTTRA's limited role with regard to ISF filing. INTTRA SI 3 supports the following 10+2 data as optional fields:

1. Manufacturer (or Supplier) Name and Unstructured Address
2. Exporter/Seller Name and Unstructured Address
3. Goods Owner/Buyer Name and Unstructured Address
4. Ship To Name and Unstructured Address
5. Importer Name, Unstructured Address and Tax ID Number
6. Consignee Name, Unstructured Address and Tax ID Number
7. Consolidator Name and Unstructured Address
8. Origin of Goods
9. Container Stuffing Location

Note in the case of FROB cargo through the US, customers must supply "Ship To" Name and address and Place of Delivery in their Shipping Instruction since Carriers must file these data elements as part of the Carrier's ISF+5 filing.

### **d) "10+2" Disclaimer**

Customer is solely responsible for any Importer Security Filings required by the US Bureau of Customs and Border Protection (CBP). Neither INTTRA nor Carrier(s) shall be responsible for the accuracy of such data or its transmission, including but not limited to timely delivery of the data.

Additionally, Customer shall be solely responsible for distributing "10+2" data to any person or entity who requires such data, including the US Bureau of Customs and Border Protection (CBP). Neither INTTRA nor



Carrier(s) shall have any liability relating to distribution of any “10+2” data to any person or entity.

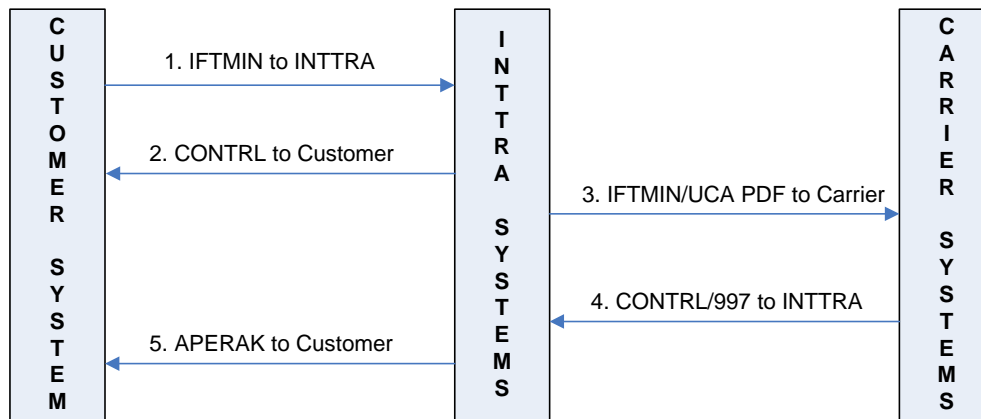
Customer shall be solely responsible for monitoring of filing status as required by the CBP. Neither INTTRA nor Carrier(s) shall be liable for any claims, damages or losses arising out of Customer’s “10+2” or Importer Security filings and each disclaim any and all claims, warranties (express or implied) related to “10+2” filings and distribution of required data to responsible parties.

Neither INTTRA nor Carrier(s) guarantee the confidentiality of any “10+2” data transmitted via INTTRA and Customer is responsible for protecting confidentiality of any sensitive commercial information, including data required by the CBP. Customer understands and agrees that all Shipping Instruction data transmitted by the Customer will be shared with the Carrier. Customer acknowledges and agrees that such data is not confidential. Both INTTRA and Carrier(s) disclaim all liability for release of information contained in any such Shipping Instruction message.

#### C. Canada

- Postal code is mandatory for Consignee. Note: Consignee Postal code can be omitted for “to order” shipments.
- Filing status (“Self” or “Carrier”) and Filing Country is mandatory. (Note: Filing status and Filing Country is optional provided that Customer has established a default filing status preference with INTTRA.).
- If Filing status = Self, Self-filer code is mandatory

#### IV. Message Flow



1. Customer sends to INTTRA an IFTMIN per INTTRA Message Specification via communication methods detailed in INTTRA Connectivity Guide.
2. Upon receipt of Customer IFTMIN, INTTRA’s EDI Translation Software can optionally return an EDIFACT CONTRL message. Please advise your INTTRA Project Manager if you wish to receive CONTRL messages.
3. INTTRA’s proprietary Portal Application, INTTRAWorks, performs message validation and formats the Shipping Instruction to destination carrier’s specification (INTTRA EDIFACT IFTMIN or UCA PDF).
4. Upon receipt of IFTMIN from INTTRA, Carrier system issues an EDI functional acknowledgment in the form of an EDIFACT CONTRL to INTTRA. INTTRA receives and processes Carrier Acknowledgment. Carriers who receive a UCA PDF do not issue an EDI functional acknowledgement to INTTRA.
5. Upon receipt of a CONTRL from the Carrier, INTTRA optionally issues EDIFACT APERAK to customer indicating acceptance or rejection of the Shipping Instruction message by the carrier (as indicated in Carrier CONTRL/997 to INTTRA). Please advise your INTTRA Project Manager if you wish to receive APERAK messages.

The INTTRA Global Customer Support team handles all errors, utilizing a comprehensive message monitoring system.

## **V. Acknowledgments**

### **A. CONTRL Message**

Please refer to INTTRA CONTRL 99B Implementation Guide for message specifications.

### **B. APERAK Message**

Please refer to INTTRA APERAK 99B Implementation Guide for message specifications.

## **VI. IFTMIN Message Specification**

### **A. Changes from version 1.4 (November 2006) to version 3.0 (August 2009)**

0050-DTM: Reduced max use from 9 to 1 to only pass document date.

0060-TSR: Reduced max use from 9 to 1 to only pass one move type.

0090-FTX: Added comments to describe customs filing requirements for Canada and US.

0090-FTX-4451: Added qualifier "CCI" Customs Clearance Instructions.

0090-FTX-4451: Removed qualifier "RQT" Special Routing Instructions.

0090-FTX-C107,4441: Added qualifier "MFS" Manifest Filer Status

0090-FTX-C108,4440(2) opened for "Manifest Filing Country"

0090-FTX\_C108,4440(3) opened for "Manifest Filer Identification".

0090-FTX-4451: Added qualifier "DOC" Document Instruction

0090-FTX-C107,4441: Added qualifier "SMI" Single Message Indicator

0100-CNT: Reduced max use from 9 to 5 (only pass 5 types of totals).

Group1-0130-LOC-DTM: Reduced max loop from 99 to 2 (only pass 2 types of locations).

Group1-0150-DTM: Reduced max use from 9 to 1 (only pass 1 date per location).

Group3-0200-RFF: Added comments to describe US customs requirements.

Group3-0210-DTM: Reduced max use from 9 to 2 (only pass 2 types of dates per reference).

Group11-0580-NAD: Added comments to describe usage of unstructured address fields and customs requirements for US, Canada and Brazil.

Group11-0580-NAD-3035: Removed qualifier "OO" To Order.

Group11-0580-NAD-3035: Added qualifiers: "CS" Consolidator, "FC" Contract Party, "FP Freight Payer, "IM" Importer", "ST" Ship To, "SU" Supplier

Group11-0580-NAD-3146: Opened this element (city name).

Group11-0580-NAD-C058-3124: Opened 2 sub elements (structured street address)

Group11-0580-NAD-C819,3229: Opened this element (state/province code).

Group11-0580-NAD-3251: Opened this element (postal code).

Group11-0580-NAD-3207: Opened this element (country code).

Group 13-0650-DOC-C002,1000: Changed usage from Carrier Master B/L number to Housebill Number.

Group15-0750-RFF-DTM loop: Opened this loop and reduced max loop from 9 to 1.

Group15-0760-RFF: Added comments to describe customs filing requirements for US and Brazil.

Group15-0760-RFF-C506, 1153: Added qualifier "GN" Party Government Tax ID.

Group15-0760-RFF-C506, 1154: Opened this element to pass Party Tax ID.

Group18-0910-GID-C213, 7065 Changed to code list "UN/ECE recommendation 21, revision 6".

Group18-0980-PIA: Added comments to describe customs filing requirements for US.

Group18-0990-FTX: Added comments to describe customs filing requirements for Canada and US.

Group18-0990-FTX-4451: Added qualifier "CCI" Customs Clearance Instructions.

Group 18-0990-FTX-C107,4441: Added qualifier "MFS" Manifest Filer Status.

Group 18-0990-FTX-C108,4440(2) opened for "Manifest Filing Country"

Group 18-0990-FTX\_C108,4440(3) opened for "Manifest Filer Identification".

Group 18-0990-FTX removed the 26,000 characters length limitation for cargo description per GID from the Notes.

Group 18-0990-FTX\_C108,4440(3) element length changed from 512 to 500.

Group19-1010-NAD: Opened segment.

Group19-1020-NAD: Added comments describing segment usage.

Group19-1020-NAD-3035: Added qualifiers "OS" Original Shipper and "UC" Ultimate Consignee

Group20-1070-MEA: Added comments describing segment usage Brazil customs.

Group20-1070-MEA-C502,6313 changed to mandatory.

Group20-1070-MEA-C174,6314 changed to mandatory.

Group22-1120-RFF: Increased loop count from 9 to 999 to accommodate more references.

Group22-1130-RFF: Added qualifier "ABT" NCM Code, "ADU" Customs House Broker Reference number, "AKG" Vehicle Identification Number, "BH" House Bill of Lading Number, "BN" Carrier Booking Number, "CG" Consignee's Order Number, "CT" Contract Number, "ED" Export Declaration Type, "IV" Invoice Number, "RF" Brazil Export Registry Number, "TN" Transaction Reference Number.

Group22-1130-RFF: Added comments describing segment usage of new references

Group-37-1690-MEA: Opened segment and added comments describing Brazil customs requirements.

Group-37-1690-MEA-C502,6313: Added qualifier "T: for Container Tare weight.

Group-37-1690-MEA-C502,6313 changed to mandatory.

Group-37-1690-MEA-C174,6314 changed to mandatory.

Group-39-1860-NAD: Opened segment.

Group-39-1860-NAD-3035: Added qualifier "CS" Stuffing location.

Group-39-1860-NAD-C082-3039: location code.

Group-39-1860-NAD-C082-1131: location code identifier "263" Packing facility.

Group-39-1860-NAD-C059, 3042: location code responsible agency "6" UN location code, "86" customer alias.

Group-39-1860-NAD-3164: location name

Group-39-1860-NAD-3207: location country code

## **B. Changes from version 1.3 (May 2006) to version 1.4 (November 2006)**

Version 1.4 introduced the functionality of the INTTRA Universal Carrier Access (UCA) program.

Group 11-0570-NAD-3035: Updated details of the Carrier "CA" party to include rules for UCA processing.

Group 11-0570-C082-1131: Element made mandatory.

Group 11-0570-C082-3055: Element made mandatory.

Group 12-0610-CTA: Updated segment use comments.

Group 12-0610-CTA-3139: Added Alternate Contact "WT".

Group 12-0620-COM: Updated segment use comments.

Group 12-0620-COM-3155: The comments provided for communication qualifiers were updated.

### **C. Changes from version 1.2 (October 2004) to version 1.3 (May 2006)**

Group3-0200-RFF: Increased the length of element 1154 (Reference identifier) from 30 to 35 characters.

Group 11-0570-NAD-3035: Added Message Recipient "MR" and Party to Receive Correspondence "PJ" party codes.

Group 12-0610-CTA: Updated segment use comments.

Group 12-0610-CTA-3139: Added Certification Contact "BN", Carrier Contact "CA", Notification Contact "NT" contact party codes.

Group 12-0620-COM: Updated segment use comments.

Group 12-0620-COM-3155: Updated comments for communication qualifiers.

Group18-0910-GID-7065: Changed to code list "UN/ECE recommendation 21, revision 4".

Group22-1130-RFF: Increased the length of element 1154 (Reference identifier) from 30 to 35 characters.

Group37-1710-SEL: Increased the length of element 9308 (Seal Number) from 10 to 15 characters.

Group37-1760-RFF: Increased the length of element 1154 (Reference identifier) from 30 to 35 characters.

### **D. Changes from version 1.1 (April 2003) to version 1.2 (October 2004)**

**NOTE: All elements of utilized segments are now displayed and noted if "Not Used".**

0020-BGM-C106,1060: Added element to inform revision number.

0050-DTM: Added comments describing proper format and usage.

0080-MOA: Added comments describing numeric usage.

0100-CNT: Added comments describing numeric and unit code usage.

Group1-0140-LOC: Added comment recommending provision of Bill of Lading release office location. Changed the standard length of element C517,3224 from 256 to 100.

Group1-0150-DTM: Added comments describing proper format and usage.

Group3-0200-RFF: Added general information comments.  
Added Qualifier "EX" (Export License number).  
Added information comments to Carrier booking number ("BN") and Transaction reference number ("TN").  
Reduced the length of element 1154 (Reference identifier) from 35 to 30 characters.

Group3-0210-DTM: Added comments describing proper format.

Group6-0320-CPI: Added charge code "2" to indicate Additional charges.

Group8-0480-TDT: Added Lloyd's code (element C222,8213) and qualifier (element C222,3055).

Group9-0520-LOC: Changed the standard length of Location Name (element C517,3224) from 256 to 100.

Group11-0580-NAD: Added comment stating that only one NAD is allowed per qualifier.  
Added party types "OO" (Order of the Shipper Party) and "N1" (Additional Notify).

Group12-0620-CTA: Removed mandatory restriction for HI (Requestor) party.

Added a note indicating Department Employee (element C056,3412) is mandatory.

Group12-0630-COM:	Removed mandatory requirement for HI. Changed the standard length of communication number (element C076,3148) from 512 to 80 characters.
Group13-0650-DOC:	Removed mandatory restriction. Added comments describing proper usage. Added code "714" for House Bills and element C002,1000 for Master Bill number.
Group18-0910-GID:	Added usage rules and examples for Outer, Inner and Inner-inner packaging.
Group18-0980-PIA:	Provide examples of HTS and Schedule B numbers.
Group18-0990-FTX:	Changed comments to restrict each line of text to 26 characters and state maximum usage.
Group18-1000-PCD:	Segment has been removed (humidity indicator).
Group20-1070-MEA:	Added comments describing numeric usage.
Group22-1130-RFF:	Reduced the length of element 1154 (Reference identifier) from 35 characters to 30 characters.
Group23-1160-PCI:	Changed comments to restrict each line of text to 17 characters and state maximum usage.
Group29-1380-SGP:	Changed comments describing segment usage.
Group30-1400-MEA:	Added comments describing numeric usage.
Group32-1520-DGS:	Added comments describing proper shipment flashpoint format.
Group32-1530-FTX:	Added comments to Text Subject Code Qualifier (element 4451) limiting the amount of General Haz Mat Comments to 8 lines of 30 characters each and; Limiting the amount of Haz Mat Placard information to 1 line of 30 characters if destined to a carrier receiving INTTRA ANSI 304, and; Added the same comments to Text Literal (element C108,4440).
Group33-1550-CTA:	Added comment stating that Contact name is mandatory for DGS. Added comment limiting the size of Emergency Contact name (element C056,3412) to 30 characters.
Group33-1560-COM:	Added comment stating that Contact phone number is mandatory for DGS. Added comment limiting the size of emergency contact phone number (element C076,3148) to 24 characters.
Group37-1660-EQD:	Added elements C224,8154 (Equipment description) and 8077 (Equipment supplier code). Added comment stating that INTTRA will attempt to resolve ISO code if neither code nor description is provided. Added comments stating that container number (element C237,8260) will be validated if Equipment Supplier code (element 8077) is set to '2' (carrier supplies equipment).
Group37-1690-MEA:	Added comments describing numeric usage.
Group37-1710-SEL:	Added qualifier "AC" for Veterinary Seal.
Group37-1740-TMP:	Added comments describing proper temperature format.

- Group37-1750-FTX: Added qualifier "AGK" for Equipment comments.  
Added comments that Temperature control instructions (element 4451 code AEB) are limited to 1 line of 30 characters and Equipment comments (element 4451 code AGK) the limit is 9 lines of 35 characters if destined to a carrier receiving INTTRA ANSI 304.
- Group37-1760-RFF: Reduced the length of element 1154 (Reference identifier) from 35 to 30 characters.

## E. Message Hierarchy

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
20	0005	UNB	Interchange Header	C	1		
22	0010	UNH	Message Header	M	1		
24	0020	BGM	Beginning of Message	M	1		
Not Used	0030	CTA	Contact Information	C	1		
Not Used	0040	COM	Communication Contact	C	9		
26	0050	DTM	Date/Time/Period	C	1		
27	0060	TSR	Transport Service Requirements	C	1		
29	0070	CUX	Currencies	C	9		
30	0080	MOA	Monetary Amount	C	99		
31	0090	FTX	Free Text	C	99		
35	0100	CNT	Control Total	C	5		
Not Used	0110	DOC	Document/Message Details	C	9		
Not Used	0120	GDS	Nature of Cargo	C	9		
	0130		Segment Group 1: LOC-DTM	C		2	
38	0140	LOC	Place/Location Identification	M	1		
40	0150	DTM	Date/Time/Period	C	1		
	0160		Segment Group 2: TOD-LOC	C		2	
Not Used	0170	TOD	Terms of Delivery or Transport	M	1		
Not Used	0180	LOC	Place/Location Identification	C	9		
	0190		Segment Group 3: RFF-DTM	C		999	
42	0200	RFF	Reference	M	1		
44	0210	DTM	Date/Time/Period	C	2		
	0220		Segment Group 4: GOR-DTM-LOC-SEL-FTX-SG5	C		9	
Not Used	0230	GOR	Governmental Requirements	M	1		
Not Used	0240	DTM	Date/Time/Period	C	9		
Not Used	0250	LOC	Place/Location Identification	C	9		
Not Used	0260	SEL	Seal Number	C	9		
Not Used	0270	FTX	Free Text	C	9		
	0280		Segment Group 5: DOC-DTM	C		9	
Not Used	0290	DOC	Document/Message Details	M	1		
Not Used	0300	DTM	Date/Time/Period	C	1		
	0310		Segment Group 6: CPI-RFF-CUX-LOC-MOA	C		9	
46	0320	CPI	Charge Payment Instructions	M	1		
Not Used	0330	RFF	Reference	C	99		
Not Used	0340	CUX	Currencies	C	1		
Not Used	0350	LOC	Place/Location Identification	C	9		
Not Used	0360	MOA	Monetary Amount	C	9		
	0370		Segment Group 7: TCC-LOC-FTX-CUX-PRI-EQN-PCD-MOA-QTY	C		99	
Not Used	0380	TCC	Transport Charge/Rate Calculations	M	1		
Not Used	0390	LOC	Place/Location Identification	C	1		
Not Used	0400	FTX	Free Text	C	1		
Not Used	0410	CUX	Currencies	C	1		

Not Used	0420	PRI	Price Details	C	1
Not Used	0430	EQN	Number of Units	C	1
Not Used	0440	PCD	Percentage Details	C	1
Not Used	0450	MOA	Monetary Amount	C	9
Not Used	0460	QTY	Quantity	C	9
	0470		Segment Group 8: TDT-DTM-TSR-SG9-SG10	C	99
49	0480	TDT	Details of Transport	M	1
Not Used	0490	DTM	Date/Time/Period	C	9
Not Used	0500	TSR	Transport Service Requirements	C	9
	0510		Segment Group 9: LOC-DTM	C	99
52	0520	LOC	Place/Location Identification	M	1
Not Used	0530	DTM	Date/Time/Period	C	9
Not Used	0540		Segment Group 10: RFF-DTM	C	9
Not Used	0550	RFF	Reference	M	1
Not Used	0560	DTM	Date/Time/Period	C	1
	0570		Segment Group 11: NAD-LOC-MOA-SG12-SG13-SG14-SG15-SG16-SG17	M	99
55	0580	NAD	Name and Address	M	1
Not Used	0590	LOC	Place/Location Identification	C	9
Not Used	0600	MOA	Monetary Amount	C	9
	0610		Segment Group 12: CTA-COM	C	9
62	0620	CTA	Contact Information	M	1
64	0630	COM	Communication Contact	C	9
	0640		Segment Group 13: DOC-DTM	C	9
67	0650	DOC	Document/Message Details	M	1
Not Used	0660	DTM	Date/Time/Period	C	1
Not Used	0670		Segment Group 14: TCC-CUX-PRI-EQN-PCD-MOA-QTY	C	99
Not Used	0680	TCC	Transport Charge/Rate Calculations	M	1
Not Used	0690	CUX	Currencies	C	1
Not Used	0700	PRI	Price Details	C	1
Not Used	0710	EQN	Number of Units	C	1
Not Used	0720	PCD	Percentage Details	C	1
Not Used	0730	MOA	Monetary Amount	C	9
Not Used	0740	QTY	Quantity	C	9
	0750		Segment Group 15: RFF-DTM	C	1
70	0760	RFF	Reference	M	1
Not Used	0770	DTM	Date/Time/Period	C	9
Not Used	0780		Segment Group 16: CPI-RFF-CUX-LOC-MOA	C	9
Not Used	0790	CPI	Charge Payment Instructions	M	1
Not Used	0800	RFF	Reference	C	99
Not Used	0810	CUX	Currencies	C	1
Not Used	0820	LOC	Place/Location Identification	C	9
Not Used	0830	MOA	Monetary Amount	C	9
Not Used	0840		Segment Group 17: TSR-RFF-LOC-TPL-FTX	C	99
Not Used	0850	TSR	Transport Service Requirements	M	1
Not Used	0860	RFF	Reference	C	1
Not Used	0870	LOC	Place/Location Identification	C	1



Not Used	0880	TPL	Transport Placement	C	1
Not Used	0890	FTX	Free Text	C	9
	0900		Segment Group 18: GID-HAN-TMP-RNG-TMD-LOC-MOA-PIA-FTX-PCD-SG19-GDS-SG20-SG21-SG22-SG23-SG24-SG25-SG27-SG29-SG31-SG32	C	999
73	0910	GID	Goods Item Details	M	1
Not Used	0920	HAN	Handling Instructions	C	99
Not Used	0930	TMP	Temperature	C	1
Not Used	0940	RNG	Range Details	C	1
Not Used	0950	TMD	Transport Movement Details	C	1
Not Used	0960	LOC	Place/Location Identification	C	9
Not Used	0970	MOA	Monetary Amount	C	9
77	0980	PIA	Additional Product Id	C	9
79	0990	FTX	Free Text	C	99
Not Used	1000	PCD	Percentage Details	C	9
	1010		Segment Group 19: NAD-DTM-LOC	C	2
82	1020	NAD	Name and Address	M	1
Not Used	1030	DTM	Date/Time/Period	C	1
Not Used	1040	LOC	Place/Location Identification	C	9
Not Used	1050	GDS	Nature of Cargo	C	9
	1060		Segment Group 20: MEA-EQN	C	99
86	1070	MEA	Measurements	M	1
Not Used	1080	EQN	Number of Units	C	1
Not Used	1090		Segment Group 21: DIM-EQN	C	99
Not Used	1100	DIM	Dimensions	M	1
Not Used	1110	EQN	Number of Units	C	1
	1120		Segment Group 22: RFF-DTM	C	999
89	1130	RFF	Reference	M	1
Not Used	1140	DTM	Date/Time/Period	C	9
	1150		Segment Group 23: PCI-RFF-DTM-GIN	C	999
93	1160	PCI	Package Identification	M	1
Not Used	1170	RFF	Reference	C	1
Not Used	1180	DTM	Date/Time/Period	C	1
Not Used	1190	GIN	Goods Identity Number	C	10
Not Used	1200		Segment Group 24: DOC-DTM	C	9
Not Used	1210	DOC	Document/Message Details	M	1
Not Used	1220	DTM	Date/Time/Period	C	9
Not Used	1230		Segment Group 25: GOR-DTM-LOC-SEL-FTX-SG26	C	9
Not Used	1240	GOR	Governmental Requirements	M	1
Not Used	1250	DTM	Date/Time/Period	C	9
Not Used	1260	LOC	Place/Location Identification	C	9
Not Used	1270	SEL	Seal Number	C	9
Not Used	1280	FTX	Free Text	C	9
Not Used	1290		Segment Group 26: DOC-DTM	C	9
Not Used	1300	DOC	Document/Message Details	M	1
Not Used	1310	DTM	Date/Time/Period	C	1
Not Used	1320		Segment Group 27: TPL-SG28	C	9

Not Used	1330	TPL	Transport Placement	M	1
Not Used	1340		Segment Group 28: MEA-EQN	C	9
Not Used	1350	MEA	Measurements	M	1
Not Used	1360	EQN	Number of Units	C	1
	1370		Segment Group 29: SGP-SG30	C	999
96	1380	SGP	Split Goods Placement	M	1
	1390		Segment Group 30: MEA-EQN	C	9
98	1400	MEA	Measurements	M	1
Not Used	1410	EQN	Number of Units	C	1
Not Used	1420		Segment Group 31: TCC-CUX-PRI-EQN-PCD-MOA-QTY-LOC	C	99
Not Used	1430	TCC	Transport Charge/Rate Calculations	M	1
Not Used	1440	CUX	Currencies	C	1
Not Used	1450	PRI	Price Details	C	1
Not Used	1460	EQN	Number of Units	C	1
Not Used	1470	PCD	Percentage Details	C	1
Not Used	1480	MOA	Monetary Amount	C	9
Not Used	1490	QTY	Quantity	C	9
Not Used	1500	LOC	Place/Location Identification	C	9
	1510		Segment Group 32: DGS-FTX-SG33-SG34-SG35	C	99
101	1520	DGS	Dangerous Goods	M	1
103	1530	FTX	Free Text	C	99
	1540		Segment Group 33: CTA-COM	C	9
106	1550	CTA	Contact Information	M	1
107	1560	COM	Communication Contact	C	9
Not Used	1570		Segment Group 34: MEA-EQN	C	9
Not Used	1580	MEA	Measurements	M	1
Not Used	1590	EQN	Number of Units	C	1
Not Used	1600		Segment Group 35: SGP-SG36	C	999
Not Used	1610	SGP	Split Goods Placement	M	1
Not Used	1620		Segment Group 36: MEA-EQN	C	9
Not Used	1630	MEA	Measurements	M	1
Not Used	1640	EQN	Number of Units	C	1
	1650		Segment Group 37: EQD-EQN-TMD-MEA-DIM-SEL-TPL-HAN-TMP-FTX-RFF-SG38-SG39-SG41-SG42	C	999
109	1660	EQD	Equipment Details	M	1
Not Used	1670	EQN	Number of Units	C	1
Not Used	1680	TMD	Transport Movement Details	C	1
111	1690	MEA	Measurements	C	9
Not Used	1700	DIM	Dimensions	C	9
113	1710	SEL	Seal Number	C	99
Not Used	1720	TPL	Transport Placement	C	9
Not Used	1730	HAN	Handling Instructions	C	1
114	1740	TMP	Temperature	C	1
115	1750	FTX	Free Text	C	9
117	1760	RFF	Reference	C	9
Not Used	1770		Segment Group 38: TCC-CUX-PRI-EQN-PCD-MOA-QTY	C	99

Not Used	1780	TCC	Transport Charge/Rate Calculations	M	1
Not Used	1790	CUX	Currencies	C	1
Not Used	1800	PRI	Price Details	C	1
Not Used	1810	EQN	Number of Units	C	1
Not Used	1820	PCD	Percentage Details	C	1
Not Used	1830	MOA	Monetary Amount	C	9
Not Used	1840	QTY	Quantity	C	9
	1850		Segment Group 39: NAD-DTM-SG40	C	9
119	1860	NAD	Name and Address	M	1
Not Used	1870	DTM	Date/Time/Period	C	1
Not Used	1880		Segment Group 40: CTA-COM	C	9
Not Used	1890	CTA	Contact Information	M	1
Not Used	1900	COM	Communication Contact	C	9
Not Used	1910		Segment Group 41: EQA-EQN	C	99
Not Used	1920	EQA	Attached Equipment	M	1
Not Used	1930	EQN	Number of Units	C	1
Not Used	1940		Segment Group 42: DGS-FTX-SG43	C	99
Not Used	1950	DGS	Dangerous Goods	M	1
Not Used	1960	FTX	Free Text	C	9
Not Used	1970		Segment Group 43: CTA-COM	C	9
Not Used	1980	CTA	Contact Information	M	1
Not Used	1990	COM	Communication Contact	C	9
121	2000	UNT	Message Trailer	M	1
122	2010	UNZ	Interchange Trailer	C	1

F. INTTRA IFTMIN D99B, Version 3.0

Segment: **UNB** Interchange Header  
 Position: 0005  
 Group:  
 Level: 0  
 Usage: Conditional (Optional)  
 Max Use: 1  
 Purpose: To start, identify and specify an interchange

Dependency Notes:

Semantic Notes:

Comments:

Notes: UNB+UNOC:3+CUSTOMER:ZZZ+INTTRA:ZZZ+010905:1430+100

Data Element Summary

Data Element	Component Element	Name	Attributes
S001		<b>SYNTAX IDENTIFIER</b>	<b>M 1</b>
		Identification of the agency controlling the syntax and indication of syntax level.	
	0001	<b>Syntax identifier</b>	<b>M a4</b>
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.	
		UNOC UN/ECE level C	
	0002	<b>Syntax version number</b>	<b>M n1</b>
		Version number of the syntax identified in the syntax identifier (0001).	
		3 Version 3	
S002		<b>INTERCHANGE SENDER</b>	<b>M 1</b>
		Identification of the sender of the interchange.	
	0004	<b>Sender identification</b>	<b>M an..35</b>
		Name or coded representation of the sender of a data interchange.	
		Customer's Trading Partner ID	
	0007	<b>Partner identification code qualifier</b>	<b>C an..4</b>
		Qualifier referring to the source of codes for the identifiers of interchanging partners.	
		ZZZ Mutually defined	
Not Used	0008	<b>Address for reverse routing</b>	<b>C an..14</b>
		Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.	
S003		<b>INTERCHANGE RECIPIENT</b>	<b>M 1</b>
		Identification of the recipient of the interchange.	
	0010	<b>Recipient identification</b>	<b>M an..35</b>
		Name or coded representation of the recipient of a data interchange.	
		'INTTRA'	
	0007	<b>Partner identification code qualifier</b>	<b>C an..4</b>
		Qualifier referring to the source of codes for the identifiers of interchanging partners.	
		ZZZ Mutually defined	
Not Used	0014	<b>Routing address</b>	<b>C an..14</b>
		Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.	
S004		<b>DATE AND TIME OF PREPARATION</b>	<b>M 1</b>

		Date and time of preparation of the interchange.		
	<b>0017</b>	<b>Date of preparation</b>	<b>M</b>	<b>n6</b>
		Local date when an interchange or a functional group was prepared.		
	<b>0019</b>	<b>Time of preparation</b>	<b>M</b>	<b>n4</b>
		Local time of day when an interchange or a functional group was prepared.		
<b>0020</b>		<b>INTERCHANGE CONTROL REFERENCE</b>	<b>M</b>	<b>1 an..14</b>
		Unique reference assigned by the sender to an interchange.		
<b>Not Used</b>	<b>S005</b>	<b>RECIPIENTS REFERENCE PASSWORD</b>	<b>C</b>	<b>1</b>
		Reference or password as agreed between the communicating partners.		
<b>Not Used</b>	<b>0022</b>	<b>Recipient reference/password</b>	<b>M</b>	<b>an..14</b>
		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.		
<b>Not Used</b>	<b>0025</b>	<b>Recipient reference/password qualifier</b>	<b>C</b>	<b>an2</b>
		Qualifier for the recipient's reference or password.		
<b>Not Used</b>	<b>0026</b>	<b>APPLICATION REFERENCE</b>	<b>C</b>	<b>1 an..14</b>
		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.		
<b>Not Used</b>	<b>0029</b>	<b>PROCESSING PRIORITY CODE</b>	<b>C</b>	<b>1 a1</b>
		Code determined by the sender requesting processing priority for the interchange.		
<b>Not Used</b>	<b>0031</b>	<b>ACKNOWLEDGEMENT REQUEST</b>	<b>C</b>	<b>1 n1</b>
		Code determined by the sender for acknowledgement of the interchange.		
<b>Not Used</b>	<b>0032</b>	<b>COMMUNICATIONS AGREEMENT ID</b>	<b>C</b>	<b>1 an..35</b>
		Identification by name or code of the type of agreement under which the interchange takes place.		
<b>Not Used</b>	<b>0035</b>	<b>TEST INDICATOR</b>	<b>C</b>	<b>1 n1</b>
		Indication that the interchange is a test.		

**Segment:** **UNH** Message Header  
**Position:** 0010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Instruction message is IFTMIN.  
 Note: Instruction messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 IFTMIN 0052 D 0054 99B 0051 UN

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** UNH+20+IFTMIN:D:99B:UN

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M 1 an..14
S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	M 1
	0065	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. Accepted value: IFTMIN Instruction message	M an..6
	0052	<b>Message type version number</b> Version number of a message type. Accepted value: D Draft version/UN/EDIFACT Directory	M an..3
	0054	<b>Message type release number</b> Release number within the current message type version number (0052). Accepted value: 99B Release 1999 - B	M an..3
	0051	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. Accepted value: UN UN/CEFACT	M an..2
Not Used	0057	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	C an..6
Not Used	0068	<b>COMMON ACCESS REFERENCE</b> Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C 1 an..35
Not Used	S010	<b>STATUS OF THE TRANSFER</b> Statement that the message is one in a sequence of transfers relating to the same topic.	C 1
Not Used	0070	<b>Sequence message transfer number</b> Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	M n..2
Not Used	0073	<b>First/last sequence message transfer indication</b>	C a1

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

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

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** BGM+340+SI00000001::000001+9

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C002		<b>DOCUMENT/MESSAGE NAME</b>	<b>C</b>	<b>1</b>
		Identification of a type of document/message by code or name. Code preferred.		
	<b>1001</b>	<b>Document name code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the document name.		
		Accepted values:		
		340 Shipping instructions		
Not Used	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
Not Used	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
Not Used	<b>1000</b>	<b>Document name</b>	<b>C</b>	<b>an..35</b>
		Free form description of the document.		
C106		<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification of a document/message by its number and eventually its version or revision.		
	<b>1004</b>	<b>Document/message number</b>	<b>C</b>	<b>an..35</b>
		Reference number assigned to the document/message by the issuer.		
		MANDATORY for INTTRA		
		Notes:		
		- Shipment Identification Number (Unique number identifying this shipment). This Number must be sent on an amended Shipping Instruction and must be the same as the original.		
		- Will not be conveyed to the carrier unless also provided in RFF (position 200) qualified as SI in C506, 1153		
Not Used	<b>1056</b>	<b>Version</b>	<b>C</b>	<b>an..9</b>
		To specify the version number or name of an object.		
	<b>1060</b>	<b>Revision number</b>	<b>C</b>	<b>an..6</b>
		To specify a revision number.		
		RECOMMENDED for INTTRA		
		Six character number that defines the revision sequence of this transaction: Original = '000001', 1st Amendment = '000002', 2nd Amendment = '000003', etc...		
		Value will be utilized by INTTRA as reference only and returned via APERAK.		
1225		<b>MESSAGE FUNCTION CODE</b>	<b>C</b>	<b>1 an..3</b>
		Code indicating the function of the message.		



		Accepted values:	
Not Used	4343	5	Replace
			Used to convey full replacement of original Shipping instruction.
		9	Original
		<b>RESPONSE TYPE CODE</b>	<b>C</b>
		Code specifying the type of acknowledgment required or transmitted.	
			<b>1 an..3</b>

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

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** DTM+137:20040101:102  
 or  
 DTM+137:200401011200:203

Note: If sent, Date must be valid according to format code "102" or "203", and must be within 120 days prior to current date.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a date, time or period.		
		Accepted values:		
		137 Document/message date/time		
	<b>2380</b>	<b>Date/time/period value</b>	<b>C</b>	<b>an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
	<b>2379</b>	<b>Date/time/period format code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the representation of a date, time or period.		
		Accepted values:		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		

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

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** TSR+30+2

**Notes:**

- MANDATORY for Intra.

- The values in the TSR apply to the entire Shipping instruction.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C536		<b>CONTRACT AND CARRIAGE CONDITION</b>	<b>C</b>	<b>1</b>
		To identify a contract and carriage condition.		
	<b>4065</b>	<b>Contract and carriage condition code</b>	<b>M</b>	<b>an..3</b>
		Code to identify the conditions of contract and carriage.		
		MANDATORY for Intra.		
		Accepted values:		
		27 Door-to-door		
		28 Door-to-pier		
		29 Pier-to-door		
		30 Pier-to-pier		
Not Used	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
Not Used	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
C233		<b>SERVICE</b>	<b>C</b>	<b>1</b>
		To identify a service (which may constitute an additional component to a basic contract).		
	<b>7273</b>	<b>Service requirement code</b>	<b>M</b>	<b>an..3</b>
		Code specifying a service requirement.		
		MANDATORY for Intra.		
		Accepted values:		
		2 Full loads		
		3 Less than full loads		
		Used to indicate LCL or Part Container loads.		
	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
Not Used	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
Not Used	<b>7273</b>	<b>Service requirement code</b>	<b>C</b>	<b>an..3</b>
		Code specifying a service requirement.		
Not Used	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>

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

**Segment:** CUX Currencies  
**Position:** 0070  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to indicate default currencies and exchange rates.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** CUX+4:USD

Default currency for the Bill of Lading.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C504		<b>CURRENCY DETAILS</b>	C	1
		The usage to which a currency relates.		
	6347	<b>Currency details qualifier</b>	M	an..3
		Specification of the usage to which the currency relates.		
		Accepted values:		
		4 Transport document currency		
	6345	<b>Currency identification code</b>	C	an..3
		Code specifying a monetary unit.		
		ISO code of Country's currency.		
		Ex: US dollar = USD		
		All ISO Currency codes are accepted.		
Not Used	6343	<b>Currency qualifier</b>	C	an..3
		Code giving specific meaning to data element 6345 Currency.		
Not Used	6348	<b>Currency rate base</b>	C	n..4
		Multiplying factor used in expressing the number of currency units.		
Not Used	C504	<b>CURRENCY DETAILS</b>	C	1
		The usage to which a currency relates.		
Not Used	6347	<b>Currency details qualifier</b>	M	an..3
		Specification of the usage to which the currency relates.		
Not Used	6345	<b>Currency identification code</b>	C	an..3
		Code specifying a monetary unit.		
Not Used	6343	<b>Currency qualifier</b>	C	an..3
		Code giving specific meaning to data element 6345 Currency.		
Not Used	6348	<b>Currency rate base</b>	C	n..4
		Multiplying factor used in expressing the number of currency units.		
Not Used	5402	<b>RATE OF EXCHANGE</b>	C	1 n..12
		The rate at which one specified currency is expressed in another specified currency.		
Not Used	6341	<b>EXCHANGE RATE CURRENCY MARKET IDENTIFIER</b>	C	1 an..3
		To identify an exchange rate currency market.		

**Segment:** **MOA** Monetary Amount  
**Position:** 0080  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A segment to indicate a monetary value for entire consignment, e.g. insured value, invoice amount, disbursements, etc.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** MOA+44:3000

Used to report Declared value of Goods for the entire shipment.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
<b>C516</b>		<b>MONETARY AMOUNT</b>	<b>M</b>	<b>1</b>
		Amount of goods or services stated as a monetary amount in a specified currency.		
	<b>5025</b>	<b>Monetary amount type code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code specifying the type of monetary amount.		
		Accepted values:		
		44 Declared value for carriage		
		Used to indicate the Ad Valorem declared value		
	<b>5004</b>	<b>Monetary amount value</b>	<b>C</b>	<b>n..35</b>
		To specify the value of a monetary amount.		
		Note: Monetary value must be presented as follows:		
		1. No group separation (examples: invalid - "1,000"; valid - "1000").		
		2. Decimal must be represented using the dot (".") with no more than 2 bytes of precision ( examples: valid - "1000.12", invalid - "1,000.123").		
<b>Not Used</b>	<b>6345</b>	<b>Currency identification code</b>	<b>C</b>	<b>an..3</b>
		Code specifying a monetary unit.		
<b>Not Used</b>	<b>6343</b>	<b>Currency qualifier</b>	<b>C</b>	<b>an..3</b>
		Code giving specific meaning to data element 6345 Currency.		
<b>Not Used</b>	<b>4405</b>	<b>Status description code</b>	<b>C</b>	<b>an..3</b>
		Code specifying a status.		

**Segment:** **FTX** Free Text  
**Position:** 0090  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**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+++GENERAL INFORMATION

or

FTX+BLC++01+SHIPPERS LOAD COUNT

or

FTX+BLC+++SHIPPER'S FREE TEXT CLAUSE INFORMATION HERE

or

FTX+CCI++MFS+5:US

or

FTX+CCI++MFS+1:US:SCAC

FTX+DOC++SMI

Please see the SI 3 Business Rule Spreadsheet referenced above for a detailed description of use cases related to filing status and indicators for Consolidation shipments.

Customer may use the "Single Message" qualifier (FTX+DOC++SMI) to indicate a Consolidation Shipment, ie., an aggregation of multiple LCL shipments.

If the Single Message Indicator is ON (ie., customer sends FTX+DOC++SMI), then filing status and other house bill information will always be provided at the GID level. In this case, Carriers will ignore filing status sent at the Header level if provided.

If the Single Message Indicator is OFF (ie., customer omits FTX+DOC++SMI) then filing status information will always be provided at the Header level. In this case, Carriers will ignore filing status sent at the GID level if provided.

The following Localized Customs Rules apply when SMI is OFF:

1. United States or Canadian Imports:

When Port of Discharge (0520LOC) is a US or Canadian port, Manifest Filer Status (MFS) and Manifest Filing Country are mandatory at the Header level:

Example:

FTX+CCI++MFS+5:US

or

FTX+CCI++MFS+1:US:SCAC

If Manifest Filer Status is Self (1), then Manifest Filer Identification C108, 4440(3) is mandatory.

2. FROB Cargo thru the US or Canada:

a. For FROB cargo thru the US, eg., Hamburg -> US -> Santiago, INTTRA recommends that customers provide Filer Status (Self or Carrier) for Manifest Filing Country = US

b. For FROB cargo thru Canada, eg., Hamburg -> Montreal -> Boston, INTTRA recommends that customers provide Filer Status (Self or Carrier) for Manifest Filing Country = CA.

c. Filer status should NOT be provided for FROB cargo NOT involving US or CA.

Notes:

- Multiple FTX segments may be used per qualifier.
- If BLC clause code is provided (C107, 4441) without clause text (C108, 4440(1)) INTTRA will attempt to resolve systematically and provide standard text to carrier per code list detailed in notes section of C107, 4441 below.
- INTTRA will preserve blank lines and preceding spaces in text as provided by the Customer.
- INTTRA no longer supports the RQT qualifier for Special Routing Instructions. This qualifier will no longer be provided.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	<b>4451</b>	<b>TEXT SUBJECT CODE QUALIFIER</b>	<b>M 1 an..3</b>
		Code specifying the subject of the text.	
		Accepted values:	
		AAI General information	
		Used for non-printable Shipping Instruction comments.	
		BLC Bill of lading clause	
		Used to indicate Clause Descriptions.	
		Note:	
		- Clauses are printed on the Bill of Lading at Carrier discretion.	
		- Clause length recommended to be 26 characters or less per line.	
		CCI Customs clearance instructions	
		DOC Documentation instructions	
Not Used	<b>4453</b>	<b>TEXT FUNCTION, CODED</b>	<b>C 1 an..3</b>
		Code specifying the purpose of the text.	
	<b>C107</b>	<b>TEXT REFERENCE</b>	<b>C 1</b>
		Coded reference to a standard text and its source.	
	<b>4441</b>	<b>Free text value code</b>	<b>M an..17</b>
		Code specifying free form text.	
		If code 'CCT' is used in element 4451, then the following will be used:	
		Supplied values:	
		MFS Manifest Filer Status	
		If code 'DOC' is used in element 4451, then the following will be used:	
		Supplied values:	
		SMI Single Message Indicator	
		If code 'BLC' is used in element 4451, the B/L clause code can be placed in this element.	
		Accepted values:	
		01 Shipper's Load and Count	
		02 Shipper's Load, Stowage and Count	
		03 Laden on Board	
		04 Laden on Board Vessel	



05	Vessel Not Responsible for Freezing		
06	Container(s) Sealed by Shipper		
07	On Deck at Shipper's Risk		
08	Short-Shipped		
09	Sea Waybill		
10	This Shipment is Effected under a Sea Waybill		
11	Memo Bill of Lading Only		
12	Refrigerated Cargo		
13	Cool Cargo		
14	Freeze Cargo		
15	Inland Transportation Arranged as Agents Only with such Arranged Transportation Being Solely for Account and Risk of Cargo		
16	Sea-Air Cargo		
17	Freight Prepaid		
18	Freight Collect		
19	Freight as Agreed		
20	No Shipper's Export Declaration Required (Section 30.39)		
21	Carrier Reserves the Right to Place Container(s) in Heated Warehouse at a Set Cost		
22	On Board Rail		
23	On Board Truck		
24	On Board Vessel		
25	Received For Shipment		
26	On Board Container		
29	Emergency Response Statement		
30	International Maritime Organization Certification		
32	Destination Control Statements		
33	Producing Country of Origin		
34	Laden on Board Named Vessel		
35	Age of Vessel		
38	Certification Statements		
39	Destination Country      Final destination of the shipment		
40	Title Passage Clause		
41	Container Safety Act		
45	General Agreement on Tariff and Trade (GATT)		
46	Prior Damage Remarks		
CB	Caribbean Basin Initiative (CBI)		
CC	Custom		
CP	Container Packing Certificate		
DC	Disclaimer		
DV	Delivery Order Liability Clause		
GS	General System of Preferences (GSP)		
IS	Israeli Free Trade Agreement		
NF	North American Free Trade Agreement (NAFTA)		
<b>Code list identification code</b>		<b>C</b>	<b>an..3</b>
Identification of a code list.			
<b>Code list responsible agency code</b>		<b>C</b>	<b>an..3</b>
Code specifying the agency responsible for a code list.			
<b>TEXT LITERAL</b>		<b>C</b>	<b>1</b>
Free text; one to five lines.			
<b>Free text value</b>		<b>M</b>	<b>an..512</b>
Free form text.			
Note:			
If 'MFS' (Manifest Filing Status) is used in element C107,4441, then the following will be used in this sub-element:			
Supplied values:			
1    Self			

		5	Carrier		
			BL clause definitions (FTX.4451 = BLC) consisting of the description "NA" will be suppressed by INTTRA in order to provide a NULL description to the Carrier.		
	4440		<b>Free text value</b>	C	an..512
			Free form text.		
			Used to indicate Manifest Filing Country (2 character ISO country code)		
			If Manifest Filing Status is sent, then Manifest Filing Country Code must be provided.		
	4440		<b>Free text value</b>	C	an..512
			Free form text.		
			Used to indicate Manifest Filer Identification		
Not Used	4440		<b>Free text value</b>	C	an..512
			Free form text.		
Not Used	4440		<b>Free text value</b>	C	an..512
			Free form text.		
Not Used	3453		<b>LANGUAGE NAME CODE</b>	C	1 an..3
			Code specifying the language name.		
Not Used	4447		<b>TEXT FORMATTING, CODED</b>	C	1 an..3
			Code specifying the formatting parameters for the text.		

**Segment:** **CNT** Control Total  
**Position:** 0100  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment to specify totals for a consignment.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

CNT+7:40000:KGM

Notes:

Package and Equipment counts must be presented as whole numbers with no separation or decimal components.

Measurement value (C270,6066) and UOM qualifier (C270,6411) must be present if Weight and/or Volume are provided.

All numeric values must conform to below rules:

- Decimal must be represented using the dot ('.')
- Group separators are invalid:

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

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

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
<b>C270</b>		<b>CONTROL</b>	<b>M</b>	<b>1</b>
		Control total for checking integrity of a message or part of a message.		
	<b>6069</b>	<b>Control total type code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code qualifying the type of control of hash total.		
		Accepted values:		
	7	Total gross weight		
		Used to indicate the total gross weight of all commodities on this Shipping instruction.		
	11	Total number of packages		
		Total number of Outer packages for this Shipping instruction.		
	15	Total consignment, cube		
		Total cubic dimension of this Shipping instruction.		
	16	Total number of equipment		
		Total number of containers for this Shipping instruction.		
	<b>6066</b>	<b>Control value</b>	<b>M</b>	<b>n..18</b>
		Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).		
	<b>6411</b>	<b>Measurement unit code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the unit of measurement.		
		Accepted values:		

For Weight:

KGM = Kilograms

LBR = Pounds

For Cubic Dimension:

FTQ = Cubic feet

MTQ = Cubic meters

Notes:

If element C270,6069 equals 7(gross weight) or 15(cubic dimension), this value is MANDATORY.

If element C270,6069 equals 11(total packages) or 16 (total containers), this element must be blank.

**Group:** **LOC** **Segment Group 1: Place/Location Identification**  
**Position:** 0130  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.

Segment Summary						
Pos.	Seg.			Req.	Max.	Group:
<u>No.</u>	<u>ID</u>	<u>Name</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0140	LOC	Place/Location Identification	M	1	
	0150	DTM	Date/Time/Period	C	1	

<b>Segment:</b>	<b>LOC</b> Place/Location Identification
<b>Position:</b>	0140 (Trigger Segment)
<b>Group:</b>	Segment Group 1 (Place/Location Identification)      Conditional (Optional)
<b>Level:</b>	1
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	A segment to identify a location applying to the entire message.
<b>Dependency Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	LOC+73+USNYC::6:NEW YORK+US  Notes: - Use of LOC+73 is RECOMMENDED for INTTRA. - Bill of Lading Release Office (LOC+73) is used by Carriers for routing Shipping Instructions for handling - Valid UN Location Code or Customer Geography Alias is RECOMMENDED for all locations.

Data Element Summary				
Data Element	Component Element	Name	Attributes	
Not Used	3227	LOCATION FUNCTION CODE QUALIFIER	M	1 an..3
		Code identifying the function of a location.		
		Accepted values:		
		57	Place of payment	
			Carrier's location of collection and payment of freight.	
		73	Bill of lading release office	
	C517	LOCATION IDENTIFICATION	C	1
		Identification of a location by code or name.		
	3225	Location name code	C	an..25
		Code specifying the name of the location.		
Not Used		Unlocode, Customer Alias or left blank if only City name (element C517,3224) is used for Place of Payment.		
		Note: Unlocode or Customer Alias is MANDATORY for Bill of Lading release office (LOC+73).		
	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.		
		Leave blank if only City name (element 3224) is used.		
		Accepted values:		
		6	UN/ECE (United Nations - Economic Commission for Europe)	
		86	Assigned by party originating the message	
Not Used		Assigned by Customer. The code must be defined in the Intra alias system. When '86' is used, Location name code (element C517,3225) is required.		
	3224	Location name	C	an..100
		Name of the location.		
		If element 3227 = "57" this element must contain one of the following values: "ORIGIN", "DESTINATION", "ELSEWHERE" or the Name of the place of Payment location.		

	<b>C519</b>	<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification the first related location by code or name.		
	<b>3223</b>	<b>Related place/location one identification</b>	<b>C</b>	<b>an..25</b>
		Specification of the first related place/location by code.		
		ISO Country code or Country Name.		
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
<b>Not Used</b>	<b>3222</b>	<b>Related place/location one</b>	<b>C</b>	<b>an..70</b>
		Specification of the first related place/location by name.		
<b>Not Used</b>	<b>C553</b>	<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>C</b>	<b>1</b>
		Identification of second related location by code or name.		
<b>Not Used</b>	<b>3233</b>	<b>Related place/location two identification</b>	<b>C</b>	<b>an..25</b>
		Specification of a second related place/location by code.		
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
<b>Not Used</b>	<b>3232</b>	<b>Related place/location two</b>	<b>C</b>	<b>an..70</b>
		Specification of a second related place/location by name.		
<b>Not Used</b>	<b>5479</b>	<b>RELATION, CODED</b>	<b>C</b>	<b>1 an..3</b>
		To specify the relationship between two or more items.		

**Segment:** **DTM** **Date/Time/Period**  
**Position:** 0150  
**Group:** Segment Group 1 (Place/Location Identification) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate date(s) and time(s) relating to the location.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** DTM+95:20040101:102  
 or  
 DTM+95:200401011200:203  
  
 Used only for Bill of Lading Issue date and must follow the LOC+73.  
  
**Notes:**  
 - If sent, date must be valid according to format code "102" or "203"  
 - If sent, date must be within 120 days prior to current date.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a date, time or period.		
		Accepted values:		
		95 Bill of lading date		
		Request date for Issuance of Bill of Lading.		
	<b>2380</b>	<b>Date/time/period value</b>	<b>C</b>	<b>an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
	<b>2379</b>	<b>Date/time/period format code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the representation of a date, time or period.		
		Accepted values:		
		102 CCYYMMDD		
		203 CCYYMMDDHHMM		



**Group:** **RFF** Segment Group 3: Reference  
**Position:** 0190  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments containing a reference and constants which apply to the entire message.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0200	RFF	Reference	M	1	
	0210	DTM	Date/Time/Period	C	2	

**Segment:** **RFF** Reference  
**Position:** 0200 (Trigger Segment)  
**Group:** Segment Group 3 (Reference) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

RFF+BN:CARRIER BKG NBR

Notes:

- The Carrier Booking Number is RECOMMENDED for Intra.
- INTTRA recommends that key reference values not exceed 17 characters.
- References intended to appear on a Bill of Lading should be included in the appropriate Free Text segment, typically Goods Description (FTX+AAA)
- If Reference value is present, qualifier must also be provided.
- Multiple references per qualifier are allowed.

Please see the SI 3 Business Rule Spreadsheet referenced above for a detailed description of use cases related to the following Localized Customs Rules:

United States Exports:

When Port of Load (0520LOC) is a US port, Internal Transaction Number (TN) is mandatory either at the header or GID (for each commodity). If TN is provided at the Header level, then TN must not be provided at the GID level and vice versa.

When Port of Load (0520LOC) is NOT a US port, Customer should NOT provide TN either at the Header or GID level.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
<b>C506</b>		<b>REFERENCE</b>	<b>M 1</b>
		Identification of a reference.	
	<b>1153</b>	<b>Reference function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a reference segment or a reference number.	
		Accepted values:	
	ADU	Broker reference 1	
		Used for Customs house Broker Reference Number	
	BM	Bill of lading number	
	BN	Booking reference number	
		Carrier Booking Number. This is required by carriers.	
		- Inclusion of carrier booking number facilitates carrier message routing and processing.	
		- Omission of carrier booking number may result in additional handling and processing time by the carrier.	
	CG	Consignee's order number	
	CT	Contract number	

	ERN	Exporter's reference number Used to indicate the Shipper or Forwarder's unique number used in filing of Export Declaration.		
	EX	Export licence number Used to indicate the License (if required) under which the commodity is authorized to be exported from the US (associated with the Exporter ('EX') party).		
	FF	Freight forwarder's reference number		
	GN	Government reference number Used for Government Tax ID or Federal Maritime Commission (FMC) Number.		
	IV	Invoice number		
	LC	Letter of credit number		
	ON	Order number (purchase) Used only if the PO number applies to all commodities on the Shipping Instruction.  Note: If used here, the PO number cannot also appear in the detail section under the commodity (RFF Group 22).		
	SI	SID (Shipper's identifying number for shipment)		
	TN	Transaction reference number Used to indicate the unique ITN (Internal Transaction number) as provided by the US AES (Automated Export System).  Note: If provided here, ITN Reference number will not appear at the GID level (Group 22-RFF).		
	<b>1154</b>	<b>Reference identifier</b> Identifies a reference.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>1156</b>	<b>Line number</b> Number of the line in the document/message referenced in 1154 Reference identifier.	<b>C</b>	<b>an..6</b>
<b>Not Used</b>	<b>4000</b>	<b>Reference version identifier</b> To identify the version of a reference.	<b>C</b>	<b>an..35</b>
<b>Not Used</b>	<b>1060</b>	<b>Revision number</b> To specify a revision number.	<b>C</b>	<b>an..6</b>

**Segment:** **DTM** **Date/Time/Period**  
**Position:** 0210  
**Group:** Segment Group 3 (Reference)      Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment to indicate date and time relating to the reference.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** DTM+182:20010905:102

**Notes:**

- DTM is used for either Letter of Credit Dates (coded after RFF+LC) or Export Licence Dates (coded after RFF+EX).

- If sent, date must be valid according to format code "102"

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
C507		<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>
		Date and/or time, or period relevant to the specified date/time/period type.		
	<b>2005</b>	<b>Date/time/period function code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a date, time or period.		
		Accepted values:		
	36	Expiry date		
		Expiration date of Letter of Credit or Expiration date of Export Licence		
	182	Issue date		
		Issuance date of Letter of Credit or Issuance date of Export Licence		
	<b>2380</b>	<b>Date/time/period value</b>	<b>C</b>	<b>an..35</b>
		The value of a date, a date and time, a time or of a period in a specified representation.		
	<b>2379</b>	<b>Date/time/period format code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the representation of a date, time or period.		
		Accepted values:		
	102	CCYYMMDD		

**Group:** **CPI** Segment Group 6: Charge Payment Instructions  
**Position:** 0310  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to indicate charge methodology which applies to the entire message.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0320	CPI	Charge Payment Instructions	M	1	

**Segment:** **CPI** Charge Payment Instructions  
**Position:** 0320 (Trigger Segment)  
**Group:** Segment Group 6 (Charge Payment Instructions) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to indicate default charge methodology.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

CPI+1++C  
or  
CPI+4++P  
CPI+5++C

**Notes:**

- MANDATORY for INTTRA
- Either Basic Freight (C226, 5237='4') or All Charges (C226, 5237='1') must be provided.
- Basic Freight (C226, 5237='4') may be combined with other charges types (per list below), except charge type '1'.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
<b>C229</b>		<b>CHARGE CATEGORY</b>	<b>C</b>	<b>1</b>
		Identification of a category or a zone of charges.		
	<b>5237</b>	<b>Charge category code</b>	<b>M</b>	<b>an..3</b>
		Code specifying the category of charges.		
		MANDATORY for Intra.		
		Accepted values:		
		1 All charges		
		Mutually exclusive of all other charges.		
		2 Additional charges		
		Definition to be mutually agreed upon by Carrier and Customer.		
		4 Basic freight		
		5 Destination haulage charges		
		7 Destination port charges		
		10 Origin port charges		
		11 Origin haulage charges		
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the agency responsible for a code list.		
<b>Not Used</b>	<b>C231</b>	<b>METHOD OF PAYMENT</b>	<b>C</b>	<b>1</b>
		Code identifying the method of payment.		
<b>Not Used</b>	<b>4215</b>	<b>Transport charges payment method code</b>	<b>M</b>	<b>an..3</b>
		Identification of method of payment for transport charges.		
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C</b>	<b>an..3</b>
		Identification of a code list.		
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C</b>	<b>an..3</b>

4237

Code specifying the agency responsible for a code list.

**PREPAID/COLLECT INDICATOR, CODED** C 1 an..3

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

MANDATORY for Intrra

Accepted values:

C	Collect
P	Prepaid

**Group:** **TDT** Segment Group 8: Details of Transport  
**Position:** 0470  
**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						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0480	TDT	Details of Transport	M	1	
	0510		Segment Group 9: Place/Location Identification	C		99



**Segment:** **TDT** Details of Transport  
**Position:** 0480 (Trigger Segment)  
**Group:** Segment Group 8 (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+20+0398+1++SCAC:172+++7020542::11:MSC ANASTASIA

**Notes:**

- MANDATORY for Intra.

- Only one TDT (main-carriage) segment per Shipping Instruction is allowed.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
8051		<b>TRANSPORT STAGE CODE QUALIFIER</b> Code qualifying a specific stage of transport. Accepted values: 20 Main-carriage transport	M 1 an..3
8028		<b>CONVEYANCE REFERENCE NUMBER</b> Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). Voyage Number RECOMMENDED for INTTRA; voyage number will facilitate carrier processing.	C 1 an..17
C220		<b>MODE OF TRANSPORT</b> Method of transport code or name. Code preferred.	C 1
	8067	<b>Transport mode name code</b> Code specifying the name of a mode of transport. Accepted value: 1 = Maritime	C an..3
Not Used	8066	<b>Transport mode name</b> Name of a mode of transport.	C an..17
Not Used	C228	<b>TRANSPORT MEANS</b> Code and/or name identifying the type of means of transport.	C 1
Not Used	8179	<b>Transport means description code</b> Code specifying the means of transport.	C an..8
Not Used	8178	<b>Transport means description</b> Free form description of the means of transport.	C an..17
	C040	<b>CARRIER</b> Identification of a carrier by code and/or by name. Code preferred.	C 1
	3127	<b>Carrier identification</b> Identification of party undertaking or arranging transport of goods between named points. Carrier SCAC code.	C an..17
	1131	<b>Code list identification code</b> Identification of a code list.	C an..3

		Accepted values:		
		172	Carriers	
Not Used	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
Not Used	3128	<b>Carrier name</b>	C	an..35
		Name of party undertaking or arranging transport of goods between named points.		
Not Used	8101	<b>TRANSIT DIRECTION INDICATOR CODE</b>	C	1 an..3
		Code specifying the direction of transport.		
Not Used	C401	<b>EXCESS TRANSPORTATION INFORMATION</b>	C	1
		To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
Not Used	8457	<b>Excess transportation reason, coded</b>	M	an..3
		Indication of reason for excess transportation.		
Not Used	8459	<b>Excess transportation responsibility, coded</b>	M	an..3
		Indication of responsibility for excess transportation.		
Not Used	7130	<b>Customer authorization number</b>	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	<b>TRANSPORT IDENTIFICATION</b>	C	1
		Code and/or name identifying the means of transport.		
	8213	<b>Transport means identification name identifier</b>	C	an..9
		Identifies the name of the transport means.		
		Lloyd's code.		
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
		11	Lloyd's register of shipping	
	8212	<b>Transport means identification name</b>	C	an..35
		Name identifying a means of transport.		
		Vessel Name		
		MANDATORY for INTTRA		
Not Used	8453	<b>Nationality of means of transport, coded</b>	C	an..3
		Coded name of the country in which a means of transport is registered.		
Not Used	8281	<b>TRANSPORT OWNERSHIP, CODED</b>	C	1 an..3
		Code indicating the ownership of the means of transport.		

**Group:** **LOC** **Segment Group 9: Place/Location Identification**  
**Position:** 0510  
**Group:** Segment Group 8 (Details of Transport)      Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify a location and date/time related to this leg of transport.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0520	LOC	Place/Location Identification	M	1	

**Segment:** **LOC** Place/Location Identification  
**Position:** 0520 (Trigger Segment)  
**Group:** Segment Group 9 (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+USNYC::6:NEW YORK+US  
or  
LOC+11+HAMBDE::86:HAMBURG+DE  
or  
LOC+7+:::KELSTERBACH+DE  
or  
LOC+88+NEWRKNJ:86:NEWARK, NEW JERSEY+US  
  
Notes:  
- Port of Load and Discharge are MANDATORY for INTTRA and must be identified with valid Unlocode or Customer Alias.

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:	
	7	Place of delivery Used to indicate the Contractual Place of Delivery.  MANDATORY for Intra when movement starts at Door.	
	9	Place/port of loading Used to indicate the Contractual Port of Load.  MANDATORY for Intra.	
	11	Place/port of discharge Used to indicate the Contractual Port of Discharge.  MANDATORY for Intra.	
	88	Place of receipt Used to indicate the Contractual Place of Receipt  RECOMMENDED for INTTRA: - Failure to provide Place of Receipt may have adverse implications for carrier routing and handling.  MANDATORY for INTTRA if movement type starts from Door	
	198	Original location Used for Bill of Lading Origin of Goods (Contractual).	
C517		LOCATION IDENTIFICATION	C 1
		Identification of a location by code or name.	
	3225	Location name code	C an..25

Code specifying the name of the location.

Unlocode or Customer Geography Alias is MANDATORY for Ports of Load and Discharge.

When C517, 3225 is provided then C517, 3055 must be provided.

Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
		When C517, 3055 is provided then C517, 3225 must be provided.		
		Accepted values:		
		6 UN/ECE (United Nations - Economic Commission for Europe)		
		86 Assigned by party originating the message		
		Assigned by customer. The code must be defined in the Intra alias system.		
	3224	<b>Location name</b>	C	an..100
		Name of the location.		
		City Name as desired to appear on the Bill of Lading.		
C519		<b>RELATED LOCATION ONE IDENTIFICATION</b>	C	1
		Identification the first related location by code or name.		
	3223	<b>Related place/location one identification</b>	C	an..25
		Specification of the first related place/location by code.		
		ISO Country code or Country Name.		
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
Not Used	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
Not Used	3222	<b>Related place/location one</b>	C	an..70
		Specification of the first related place/location by name.		
Not Used	C553	<b>RELATED LOCATION TWO IDENTIFICATION</b>	C	1
		Identification of second related location by code or name.		
Not Used	3233	<b>Related place/location two identification</b>	C	an..25
		Specification of a second related place/location by code.		
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
Not Used	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
Not Used	3232	<b>Related place/location two</b>	C	an..70
		Specification of a second related place/location by name.		
Not Used	5479	<b>RELATION, CODED</b>	C	1 an..3
		To specify the relationship between two or more items.		

**Group:** **NAD** Segment Group 11: Name and Address  
**Position:** 0570  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 99  
**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.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0580	NAD	Name and Address	M	1	
	0610		Segment Group 12: Contact Information	C		9
	0640		Segment Group 13: Document/Message Details	C		9
	0750		Segment Group 15: Reference	C		1

<b>Segment:</b>	<b>NAD</b> Name and Address
<b>Position:</b>	0580 (Trigger Segment)
<b>Group:</b>	Segment Group 11 (Name and Address)      Mandatory
<b>Level:</b>	1
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	A segment to identify the party's name, address, and function.
<b>Dependency Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p>INTTRA allows 6X35 for Unstructured Name and Address. This is the party name and address which is to be printed on the B/L.</p> <p>Element C080 first two 3036 sub-elements</p> <p>Element C059 all four 3042 sub-elements</p> <p>Unstructured Address Examples:</p> <p>NAD+HI+553049:160:87++REQUESTOR COMPANY NAME+UNSTRUCTURED ADDRESS 1:UNSTRUCTURED ADDRESS 2:UNSTRUCTURED ADDRESS 3:UNSTRUCTURED ADDRESS 4</p> <p>or</p> <p>NAD+HI+805304:160:ZZZ++REQUESTOR COMPANY NAME EXCEEDS 35 C:HARACTERS+UNSTRUCTURED ADDRESS 1:UNSTRUCTURED ADDRESS 2:UNSTRUCTURED ADDRESS 3:UNSTRUCTURED ADDRESS 4</p> <p>or</p> <p>NAD+CZ+++SHIPPER NAME+UNSTRUCTURED ADDRESS 1:UNSTRUCTURED ADDRESS 2:UNSTRUCTURED ADDRESS 3:UNSTRUCTURED ADDRESS 4</p> <p>The following optional Structured Addresses may also be provided:</p> <p>Structured Street: Element C058 first two composites 3124</p> <p>Structured City Name: Element 3164</p> <p>Structured State/Province: Element C819 composite 3229</p> <p>Structured Postal Code: Element 3251</p> <p>Structured Country Code: Element 3207</p> <p>Structured address example: [Note: structured elements shown in lower case for illustrative purposes.]</p> <p>NAD+CZ+553049:160:87+structured street 1:structured street 2+SHIPPER NAME1:SHIPPER NAME2+UNSTRUCTURED ADDRESS 1: UNSTRUCTURED ADDRESS 2: UNSTRUCTURED ADDRESS 3: UNSTRUCTURED ADDRESS 4+new york+ny+10002+us</p> <p>Example for Universal Carriers Access (UCA) transactions:</p> <p>NAD+CA+IUCA:160:86++UCA Carrier Name</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>- NAD segment is mandatory for Requestor (HI), Shipper (CZ), Carrier (CA) and Consignee (CN). The consignee name cannot be blank for the consignee party (CN). Consignee Address need not be provided for To Order shipments.</li> <li>- Only one occurrence per qualifier is allowed.</li> <li>- Information for party type MR (Message recipient) is not sent to the carrier.</li> <li>- Information for party type PJ (Party to receive correspondence) is not sent to the carrier.</li> <li>- Transactions for UCA carriers require BOTH the "IUCA" code (C082,3039) and carrier name (C080,3036) be provided.</li> </ul> <p>Please see the SI 3 Business Rule Spreadsheet referenced above for a detailed description of use cases related to the following Localized Customs Rules:</p>

1. Canadian Imports:

When Port of Discharge (0520LOC) is a Canadian port, postal code of the Consignee (CN) must be provided whenever Consignee's unstructured address is provided. Consignee address and postal code may be omitted when shipment is "to order"

2. United States Imports:

a. When Port of Discharge (0520LOC) is a US port, postal code of the Consignee (CN) must be provided whenever an unstructured address (element C059, 3042) is provided for the Consignee Party. Consignee address and postal code may be omitted when shipment is "to order".

b. Additionally, postal code of Main Notify Party (NI) must be provided whenever an unstructured address (element C059, 3042) is provided for the Main Notify Party.

c. Requestor may use the following qualifiers to identify parties needed by US Customs for Importer Security Filing (also known as "10+2"). Note: Carriers will ignore data sent using the following qualifiers with the exception of Ship To name/address in the case of FROB cargo through the US (see below).

NOTE: Requestor is solely responsible for "10+2" Importer Security Filings ("ISF+10"), including distribution of 10+2 data to any and all parties responsible for 10+2 filing and monitoring of ISF+10 status. Both INTTRA and Carrier disclaim any and all liabilities for ISF+10 Security Filings and distribution of data to party or parties responsible for ISF+10 Security Filings.

EX Exporter/Seller

GO Goods owner/Buyer

ST Ship To

SU Supplier/Manufacturer

CS Consolidator

IM Importer

3. FROB, IE or TE cargo through the US:

Carriers require the Ship To (ST) name and address for FROB, IE or TE cargo through the US.

4. Brazil Imports: (Discharge Port in Brazil)

a. Government Reference/Tax ID for Consignee must be provided whenever Consignee address is provided.

b. To Order shipments: Name/ Unstructured Address, Country Code and Government Reference /Tax ID (NAD+RFF+GN1153) for Main Notify Party must be provided whenever Consignee address is omitted.

c. Country code (3207) must be provided for Consignee whenever Consignee address is provided.

d. If Country code for Consignee is NOT Brazil, then Notify Party name/address, Country Code and Government Reference/Tax ID (NAD+RFF+GN1153) must be provided.

5. Brazil Exports: (Load Port in Brazil)

a. Shipper (CZ) Name / Unstructured Address and Government Reference/Tax ID (NAD+RFF+GN1153) must be provided.

**Data Element Summary**

<u>Data</u> <u>Element</u>	<u>Component</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
3035		PARTY FUNCTION CODE QUALIFIER	M 1 an..3
		Code giving specific meaning to a party.	



Accepted values:	
CA	Carrier
	MANDATORY for INTTRA
	Used by INTTRA to identify the Carrier by SCAC code (either vessel-owning or non-vessel owning carrier).
	Additional rules: - Element C082,3039 must be the SCAC code or the "IUCA" identifier - Element C082,3055 must equal '86'
CN	Consignee
	Need to be provided.
CS	Consolidator
CZ	Consignor
	Shipper Name must be provided.
EX	Exporter
	Used to indicate the ultimate Shipper or Exporter of record (for Customs regulatory information).
FC	Contractor, main
	Used to indicate Contract Party.
FP	Freight/charges payer
	Used to indicate Freight Payer.
FW	Freight forwarder
GO	Goods owner
	Used to indicate the ultimate Consignee of record (for Customs regulatory information).
HI	Requestor
	MANDATORY for INTTRA
	The requestor will be used by INTTRA to identify the customer originating the shipping instruction and must be provided in all cases.
	Note: If the Requestor is also a party to the transaction, the SI should include an additional party segment identifying the requestor in the appropriate role, e.g., as Forwarder, Shipper, etc.
IM	Importer
MR	Message recipient
	Used only to establish email addresses for delivery of notifications created in response to transaction modifications.
	Note: If used, must contain only the code in element 3035 (no name or address). ex: NAD+MR'
N1	Notify party no. 1
	Used to indicate additional Notify Party.
N2	Notify party no. 2
	Used to indicate additional Notify Party.
NI	Notify party
	Used to indicate main Notify Party.
PJ	Party to receive correspondence

		Used to indicate the associated CTA loop contains Web B/L notification email addresses.
		Note: If used, must contain only the code in element 3035 (no name or address). ex: NAD+PJ'
	ST	Ship to
	SU	Supplier
		Supplier/Manufacturer (for Customs regulatory information) If multiple Supplier/Manufacturers exist and 10+2 data must be provided, then customer must enter each Supplier/Manufacturer in Cargo Description.
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C 1</b>
		Identification of a transaction party by code.
<b>3039</b>	<b>Party identifier</b>	<b>M an..35</b>
		Code specifying the identity of a party.
		Customer Company Alias or INTTRA's internal code
		MANDATORY for Requestor and Carrier parties.
		Notes: - Must be a valid ID according to INTTRA's internal codes or alias configuration. - If element 3035 equals 'CA', element 3055 must contain the Carrier SCAC code or "IUCA". - Transactions destined for UCA carriers must be identified by the "IUCA" code.
<b>1131</b>	<b>Code list identification code</b>	<b>M an..3</b>
		Identification of a code list.
		Accepted values:
	160	Party identification
<b>3055</b>	<b>Code list responsible agency code</b>	<b>M an..3</b>
		Code specifying the agency responsible for a code list.
		Accepted values:
	86	Assigned by party originating the message Assigned by Customer.
		If qualifier '86' is used, the code sent in element C082,3039 must be established in the INTTRA alias table or set to "IUCA".
	ZZZ	Mutually defined
		INTTRA's internal code.
<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C 1</b>
		Unstructured name and address: one to five lines.
		Structured Street Address
		Contrary to the EDIFACT standard, INTTRA uses this element as a structured street address not unstructured address.
<b>3124</b>	<b>Name and address line</b>	<b>M an..35</b>
		Free form name and address description.
		Structured Street Address
<b>3124</b>	<b>Name and address line</b>	<b>C an..35</b>

		Free form name and address description.		
		Structured Street Address		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
	C080	<b>PARTY NAME</b>	C	1
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
		Used for Company name		
		Note:		
		- Required for transactions created for UCA carriers		
	3036	<b>Party name</b>	M	an..35
		Name of a party involved in a transaction.		
	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
		Used only if the name exceeds 35 characters.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3045	<b>Party name format code</b>	C	an..3
		Code specifying the representation of a party name.		
	C059	<b>STREET</b>	C	1
		Street address and/or PO Box number in a structured address: one to four lines.		
		Used for Company address.		
		Contrary to the EDIFACT standard, INTTRA uses this element as an unstructured street address not structured address.		
	3042	<b>Street and number/p.o. box</b>	M	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3164	<b>CITY NAME</b>	C	1 an..35
		Name of a city (a town, a village) for addressing purposes.		
	C819	<b>COUNTRY SUB-ENTITY DETAILS</b>	C	1
		To specify a part of a country (eg county or part of a city).		
	3229	<b>Country sub-entity name code</b>	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		

Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	3228	<b>Country sub-entity name</b> Name of sub-entities (state, province) defined by appropriate governmental agencies.	C	an..35
	3251	<b>POSTAL IDENTIFICATION CODE</b> Code specifying the postal zone or address.	C	1 an..17
	3207	<b>COUNTRY NAME CODE</b> Identification of the name of the country or other geographical entity as specified in ISO 3166. 2 Character ISO code	C	1 an..3

**Group:** **CTA** **Segment Group 12: Contact Information**  
**Position:** 0610  
**Group:** Segment Group 11 (Name and Address)      Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments identifying a contact and its communications related to the party.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0620	CTA	Contact Information	M	1	
	0630	COM	Communication Contact	C	9	

<b>Segment:</b>	<b>CTA</b> <b>Contact Information</b>
<b>Position:</b>	0620 (Trigger Segment)
<b>Group:</b>	Segment Group 12 (Contact Information)      Conditional (Optional)
<b>Level:</b>	2
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	A segment to identify a person or department within a party.
<b>Dependency Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p>CTA+IC+:PARTY CONTACT NAME</p> <p>or</p> <p>CTA+BN+:BL DIFF NOTIFICATION</p> <p>or</p> <p>CTA+NT+DU:WEB B/L NOTIFICATION</p> <p>or</p> <p>CTA+WI+:UCA CONTACT NAME</p> <p>Rules for Certification Contact (BN):</p> <ul style="list-style-type: none"> <li>- RECOMMENDED only for the MR (Message Recipient) party.</li> <li>- If CTA is provided, at least one COM must be provided.</li> </ul> <p>Rules for Information Contact (IC):</p> <ul style="list-style-type: none"> <li>- RECOMMENDED for the HI (Requestor) party.</li> <li>- If CTA is provided, at least one COM must be provided.</li> </ul> <p>Rules for Notification Contact (NT):</p> <ul style="list-style-type: none"> <li>- RECOMMENDED only for the PJ (Party to receive correspondence) party.</li> <li>- Element 3413 is MANDATORY for identifying the type Bill of Lading being requested.</li> <li>- If CTA is provided, at least one COM must be provided.</li> </ul> <p>Rules for Alternate Contact (WI):</p> <ul style="list-style-type: none"> <li>- Used only for the CA (Carrier) party to signify use of a Universal Carrier Access (UCA) contact.</li> <li>- If CTA is provided, at least one COM must be provided.</li> </ul>

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
3139		CONTACT FUNCTION CODE	C 1 an..3
		Code specifying the function of a contact (e.g. department or person).	
		Accepted values:	
	BN	Certification contact	
		Used to identify "Customer-facing" Email recipients of the Diff notification created from content comparison of the shipping instruction transaction and the corresponding electronic Bill of Lading transaction.	
		Only used when Party Function code (NAD, 3035) = "MR".	
	IC	Information contact	
	NT	Notification contact	
		Used to identify "Customer-facing" Email recipients of the corresponding Web Bill of Lading transaction.	

		Only used when Party Function code (NAD, 3035) = "PJ".	
	WI	Alternate contact	
		Used to identify "Carrier-facing" Email and PDF recipients of shipping instruction transactions destined for INTTRA non-participating carriers.	
		Only used when Party Function code (NAD, 3035) = "CA" and party identifier (C082,3039) = "IUCA".	
<b>C056</b>	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	<b>C</b>	<b>1</b>
	Code and/or name of a department or employee. Code preferred.		
<b>3413</b>	<b>Department or employee identification</b>	<b>C</b>	<b>an..17</b>
	Internal identification code.		
	Used to indicate type of Bill of Lading document being requested.		
	MANDATORY when contact function code (CTA, 3139) = "NT".		
	Not applicable when contact function code (CTA, 3139) = "BN" or "IC" or "WI".		
	Accepted values:		
	DU = Draft Unrated		
	DR = Draft Rated		
	DB = Draft Unrated and Rated		
	FU = Final Unrated		
	FR = Final Rated		
	FB = Final Unrated and Rated		
	BU = Draft and Final Unrated		
	BR = Draft and Final Rated		
	BB = Draft and Final Unrated and Rated		
<b>3412</b>	<b>Department or employee</b>	<b>C</b>	<b>an..35</b>
	The department or person within an organizational entity.		
	MANDATORY for INTTRA		

**Segment:** **COM** Communication Contact  
**Position:** 0630  
**Group:** Segment Group 12 (Contact Information) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**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+942 287-3392:TE

or

COM+email@address.com:EM

Rules for Certification Contact (BN):

- Only Email addresses are accepted.
- RECOMMENDED for the MR (Message Recipient) party.
- If COM is provided, the CTA is MANDATORY.

Rules for Information Contact (IC):

- Limited to 3 iterations for Contact function code "IC" (CTA element 3139).
- RECOMMENDED for the HI (Requestor) party.
- If COM is provided, the CTA is MANDATORY.

Rules for Notification Contact (NT):

- Only Email addresses are accepted.
- RECOMMENDED only for the PJ (Party to receive correspondence) party.
- If COM is provided, the CTA is MANDATORY.

Rules for Alternate Contact (WI):

- Used to identify carrier recipients of UCA shipping instruction information.
- Limited to 2 iterations for Contact function code "WI" (CTA element 3139).
- Used only with the CA (Carrier) party.
- Only Email addresses are accepted.
- If COM is provided, the CTA is MANDATORY.

**Data Element Summary**

<u>Data Element</u>	<u>Component</u>	<u>Name</u>	<u>Attributes</u>
C076		<b>COMMUNICATION CONTACT</b>	<b>M 3</b>
		Communication number of a department or employee in a specified channel.	
	<b>3148</b>	<b>Communication number</b>	<b>M an..80</b>
		The communication number.	
	<b>3155</b>	<b>Communication number code qualifier</b>	<b>M an..3</b>
		Code qualifying the communication number.	
		Accepted values:	
	EM	Electronic mail	
		Must be used when contact function code (CTA, 3139) = "BN" or "NT" or "WI".	
	FX	Telefax	
		Fax Number	
		Not applicable when contact function code (CTA, 3139)	



TE

= "BN" or "NT" or "WI".

Telephone

Not applicable when contact function code (CTA, 3139)

= "BN" or "NT" or "WI".

**Group:** **DOC** **Segment Group 13: Document/Message Details**  
**Position:** 0640  
**Group:** Segment Group 11 (Name and Address)      Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify required documents.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0650	DOC	Document/Message Details	M	1	

**Segment:** **DOC** Document/Message Details  
**Position:** 0650 (Trigger Segment)  
**Group:** Segment Group 13 (Document/Message Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a document required of, by or for the party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

DOC+706+:27++5

Used to indicate:

- Requested type, number of copies, and Freight/Un-Freight for a party.
- RECOMMENDED for the Requestor (HI).

Usage examples:

1 original and 5 copies of a freighted Bill are requested:

DOC+706+:27++1

DOC+707+:27++5

2 copies of Sea waybill are requested:

DOC+710+:27++2

To convey House Bill details to a carrier:

DOC+714:::HOUSEBILL NUMBER

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b>	<b>M 1</b>
		Identification of a type of document/message by code or name. Code preferred.	
	<b>1001</b>	<b>Document name code</b>	<b>C an..3</b>
		Code specifying the document name.	
		Only one of the following categories may be provided:	
		1. Bill of Lading: only "706" and/or "707" can be provided.	
		2. Sea Waybill: only "710" must be provided.	
		3. House Bill: only "714" must be provided.	
		Accepted values:	
		706 Bill of lading original	
		707 Bill of lading copy	
		710 Sea waybill	
		714 House bill of lading	
		- Usage contingent upon mutual agreement between customer and carrier.	
		- Used to convey House level details to Carrier as information only.	
		- Is not a request for a printed Bill.	
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C an..3</b>
		Identification of a code list.	
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
		Code specifying the agency responsible for a code list.	
	<b>1000</b>	<b>Document name</b>	<b>C an..35</b>

		Free form description of the document.		
		House Bill Number.		
		MANDATORY when element C002,1001 = "714". Must be blank otherwise.		
<b>C503</b>		<b>DOCUMENT/MESSAGE DETAILS</b>	<b>C</b>	<b>1</b>
		Identification of document/message by number, status, source and/or language.		
<b>Not Used</b>	<b>1004</b>	<b>Document/message number</b>	<b>C</b>	<b>an..35</b>
		Reference number assigned to the document/message by the issuer.		
	<b>1373</b>	<b>Document status code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the status of a document.		
		Note: Must be left blank for House Bill (714).		
		Accepted values:		
		26 Document not freighted		
		27 Document freighted		
<b>Not Used</b>	<b>1366</b>	<b>Document/message source</b>	<b>C</b>	<b>an..70</b>
		Indication of the source from which the printed information is to be or has been obtained.		
<b>Not Used</b>	<b>3453</b>	<b>Language name code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the language name.		
<b>Not Used</b>	<b>1056</b>	<b>Version</b>	<b>C</b>	<b>an..9</b>
		To specify the version number or name of an object.		
<b>Not Used</b>	<b>1060</b>	<b>Revision number</b>	<b>C</b>	<b>an..6</b>
		To specify a revision number.		
<b>Not Used</b>	<b>3153</b>	<b>COMMUNICATION MEDIUM TYPE CODE</b>	<b>C</b>	<b>1 an..3</b>
		Code specifying the type of communication medium.		
	<b>1220</b>	<b>NUMBER OF COPIES OF DOCUMENT REQUIRED</b>	<b>C</b>	<b>1 n..2</b>
		Number of originals or copies of a document stipulated or referred to as being required.		
		Note: Must be blank if element C002,1001 = "714" (House Bill).		
<b>Not Used</b>	<b>1218</b>	<b>NUMBER OF ORIGINALS OF DOCUMENT REQUIRED</b>	<b>C</b>	<b>1 n..2</b>
		Specification of the number of originals of a stipulated document that are required.		

**Group:** **RFF** Segment Group 15: Reference  
**Position:** 0750  
**Group:** Segment Group 11 (Name and Address) Mandatory  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments to specify a reference related to the party.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0760	RFF	Reference	M	1	

**Segment:** **RFF** Reference  
**Position:** 0760 (Trigger Segment)  
**Group:** Segment Group 15 (Reference) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a reference used by a party.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

RFF+GN:3987NY467

Please see the SI 3 Business Rule Spreadsheet referenced above for a detailed description of use cases related to the following Localized Customs Rules:

1. Brazil Exports:

When Port of Load (0520LOC) is a Brazilian port, Shipper's Government Reference/Tax ID (NAD+RFF+GN) is mandatory.

2. Brazil Imports:

a. When Port of Discharge (0520LOC) is a Brazilian port, and Consignee address is provided and Country Code for Consignee is Brazil, then Consignee's Government Reference/Tax ID (NAD+RFF+GN) must be provided.

b. When Port of Discharge (0520LOC) is a Brazilian port, and Consignee address is NOT provided OR Country Code for Consignee is NOT Brazil, then Government Reference/Tax ID (NAD+RFF+GN) and Name and Address for Main Notify must be provided.

3. United States Imports:

a. Requestor may provide the Government Reference/Tax ID (NAD+RFF+GN) for the Importer to 3rd parties responsible for "10+2" Importer Security Filing ("ISF+10"), Carriers will ignore this information.

NOTE: Requestor is solely responsible for "10+2" Importer Security Filings ("ISF+10"), including distribution of 10+2 data to the party or parties responsible for 10+2 filing and monitoring of release status. Both INTTRA and Carrier disclaim any and all liabilities related to Importer Security Filings and distribution of data to party or parties responsible for Importer Security Filings.

**Data Element Summary**

<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
<b>C506</b>		<b>REFERENCE</b>	<b>M 1</b>
		Identification of a reference.	
	<b>1153</b>	<b>Reference function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a reference segment or a reference number.	
		GN Government reference number	
		Used to indicate Party Tax Id Number.	
	<b>1154</b>	<b>Reference identifier</b>	<b>C an..35</b>
		Identifies a reference.	
<b>Not Used</b>	<b>1156</b>	<b>Line number</b>	<b>C an..6</b>
		Number of the line in the document/message referenced in 1154 Reference identifier.	
<b>Not Used</b>	<b>4000</b>	<b>Reference version identifier</b>	<b>C an..35</b>
		To identify the version of a reference.	

**Not Used**

**1060**

**Revision number**

To specify a revision number.

**C**

**an..6**

**Group:** **GID** Segment Group 18: Goods Item Details  
**Position:** 0900  
**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						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0910	GID	Goods Item Details	M	1	
	0980	PIA	Additional Product Id	C	9	
	0990	FTX	Free Text	C	99	
	1010		Segment Group 19: Name and Address	C		2
	1060		Segment Group 20: Measurements	C		99
	1120		Segment Group 22: Reference	C		999
	1150		Segment Group 23: Package Identification	C		999
	1370		Segment Group 29: Split Goods Placement	C		999
	1510		Segment Group 32: Dangerous Goods	C		99



**Segment:** **GID** Goods Item Details  
**Position:** 0910 (Trigger Segment)  
**Group:** Segment Group 18 (Goods Item Details) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a goods item for which transport is undertaken. A goods item can be identified by up to three levels of packaging.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

GID+1+2:CT::6:CARTON

REFER TO APPENDIX 2 FOR DETAILED EXPLANATION REGARDING MULTIPLE LEVELS OF PACKAGING AND SGP USAGE.

The GID segment is used to report packaging.

MANDATORY for INTTRA: At least one GID must be provided.

The GID sequence number (element 1496) must increment for each different outer package type.

MANDATORY elements for each GID construct include: package count, and either the package code or package description.

Intra recommends that multi-level packaging structures be described in the commodity description (FTX+AAA) to ensure desired Bill print formatting.

If multi-level packaging is to be sent please contact your intergration manager.

Below find basic GID construct:

Example:

GID+1+7:CR::6:CRATES' (outer pack)  
 FTX+AAA+++BALL BEARINGS'  
 MEA+AAE+WT+KGM:7000' (weight of outer pack)  
 MEA+AAW+WT+MTQ:34' (volume of outer pack)  
 SGP+MSCU1234567+7' (7 crates in this container)  
 GID+1++28:CT::6:CARTONS' (first inner pack, note Goods item number is same as outer)  
 MEA+AAE+WT+KGM:6950' (weight of inner pack)  
 SGP+MSCU1234567+28 (28 cartons in this container)

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1496		<b>GOODS ITEM NUMBER</b>	C 1 n..5
		Serial number differentiating each separate goods item entry of a consignment as contained in one document/declaration.	
		Must increment for each new Outer package.	
C213		<b>NUMBER AND TYPE OF PACKAGES</b>	C 1
		Number and type of individual parts of a shipment.	
		Used to indicate the Outer package type and Quantity.	
		MANDATORY for each new Outer package type.	
	7224	<b>Number of packages</b>	C n..8

Not Used	C213		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 (MANDATORY for Intra).		
			Note: Must be a valid whole number (no commas or decimals).		
		7065	<b>Package type description code</b>	C	an..17
			Code specifying the type of package. Two-character UN/ECE recommendation 21, revision 6 package codes.		
			Note: For outer package, either the package code or description is mandatory.		
		1131	<b>Code list identification code</b>	C	an..3
			Identification of a code list.		
		3055	<b>Code list responsible agency code</b>	C	an..3
			Code specifying the agency responsible for a code list. If C213, 7065 is not provided then C213, 3055 MUST NOT be provided.		
			Accepted values: 6 UN/ECE (United Nations - Economic Commission for Europe)		
Not Used	C213	7064	<b>Type of packages</b>	C	an..35
			Description of the form in which goods are presented. Package type description.		
			Note: For outer package, either the package code or description is mandatory.		
		7233	<b>Packaging related description code</b>	C	an..3
			Code specifying information related to packaging.		
			<b>NUMBER AND TYPE OF PACKAGES</b>	C	1
			Number and type of individual parts of a shipment. Used to indicate the Inner package type and Quantity.		
		7224	<b>Number of packages</b>	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 (MANDATORY if Inner package is provided).		
			Note: Must be a valid whole number (no commas or decimals).		
Not Used	C213	7065	<b>Package type description code</b>	C	an..17
			Code specifying the type of package. Two-character UN/ECE recommendation 21, revision 6 package codes.		
			Note: If inner package is sent, either the package code or description is mandatory.		
		1131	<b>Code list identification code</b>	C	an..3
			Identification of a code list.		
		3055	<b>Code list responsible agency code</b>	C	an..3
			Code specifying the agency responsible for a code list. If C213, 7065 is not provided then C213, 3055 MUST NOT be provided.		
			Accepted values: 6 UN/ECE (United Nations - Economic Commission for Europe)		
		7064	<b>Type of packages</b>	C	an..35
			Description of the form in which goods are presented. Package type description. Note: If inner package is sent, either the package code or description is		

Not Used	C213	7233	<b>Packaging related description code</b> Code specifying information related to packaging.	C	an..3
			<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	1
Not Used	C213	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing. Number of Inner-inner packages (MANDATORY if Inner-inner package is provided).	C	n..8
		7065	<b>Package type description code</b> Code specifying the type of package. Two-character UN/ECE recommendation 21, revision 6 package codes. Note: If inner-inner package is sent, either the package code or description is mandatory.	C	an..17
Not Used	C213	1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. If C213, 7065 is not provided then C213, 3055 MUST NOT be provided.	C	an..3
Not Used	C213	7064	<b>Type of packages</b> Description of the form in which goods are presented. Package type description. Note: If inner-inner package is sent, either the package code or description is mandatory.	C	an..35
		7233	<b>Packaging related description code</b> Code specifying information related to packaging.	C	an..3
Not Used	C213		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	1
Not Used		7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C	n..8
Not Used		7065	<b>Package type description code</b> Code specifying the type of package.	C	an..17
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used		7064	<b>Type of packages</b> Description of the form in which goods are presented.	C	an..35
Not Used		7233	<b>Packaging related description code</b> Code specifying information related to packaging.	C	an..3
Not Used	C213		<b>NUMBER AND TYPE OF PACKAGES</b> Number and type of individual parts of a shipment.	C	1

Not Used	7224	<b>Number of packages</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C	n..8
Not Used	7065	<b>Package type description code</b> Code specifying the type of package.	C	an..17
Not Used	1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	7064	<b>Type of packages</b> Description of the form in which goods are presented.	C	an..35
Not Used	7233	<b>Packaging related description code</b> Code specifying information related to packaging.	C	an..3

**Segment:** **PIA** **Additional Product Id**  
**Position:** 0980  
**Group:** Segment Group 18 (Goods Item Details)      Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to specify article numbers.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

PIA+5+HARMONIZED CODE:HS

RECOMMENDED for Intra

Refer to Appendix 2 for proper usage within the GID group.

Localized Customs Rules:

1. United States Exports:  
When Port of Load (0520LOC) is a US port, Carriers require that either Harmonized Code or Schedule B Number be provided for each commodity.

2. United States Imports:  
When Port of Discharge is a US port, Harmonized Code must be provided.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
4347		<b>PRODUCT ID. FUNCTION QUALIFIER</b>	<b>M</b>	<b>1</b>	<b>an..3</b>
		Indication of the function of the product code.			
		Accepted values:			
C212	5	Product identification			
		<b>ITEM NUMBER IDENTIFICATION</b>	<b>M</b>	<b>1</b>	
		Goods identification for a specified source.			
	7140	<b>Item number</b>	<b>C</b>		<b>an..35</b>
		A number allocated to a group or item.			
	7143	INTTRA recommends customers not use '.' delimiter.			
		10 digit US Census Bureau Schedule B number for US exports (example: 0101905000).			
		or			
		6 to 10 digit Harmonized tariff system code (example: 851529).			
		<b>Item type identification code</b>	<b>C</b>		<b>an..3</b>
		Code specifying an item code.			
Not Used	CG	Commodity grouping			
		Used to indicate the 10 digit US Census Bureau Schedule B number for US exports.			
	HS	Harmonised system			
		6 digit HS code is preferred.			
	1131	<b>Code list identification code</b>	<b>C</b>		<b>an..3</b>
		Identification of a code list.			
	3055	<b>Code list responsible agency code</b>	<b>C</b>		<b>an..3</b>

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

**Segment:** **FTX** Free Text  
**Position:** 0990  
**Group:** Segment Group 18 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A segment to specify processable supplementary information relating to the goods item.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

FTX+AAA+++COMMODITY DESCRIPTION

REFER TO APPENDIX 2 FOR PROPER USAGE WITHIN GID GROUP.

Commodity Description is MANDATORY for INTTRA

Notes:

- 26 characters per line is recommended for ideal Bill print result.
- Transaction House bill numbers may be described in the commodity description.

If the Single Message Indicator is ON (FTX+DOC++SMI provided), then filing status must be provided at the GID level and carrier is to ignore filing status provided at the Header level.

If the Single Message Indicator is OFF (FTX+DOC++SMI omitted), then filing status must be provided at the Header level and carrier is to ignore filing status provided at the GID level.

Please refer to the SI 3 Business Rule Spreadsheet referenced above for a detailed description of use cases related to filing status and the following Localized Customs Rules:

1. United States or Canadian Imports:

a. When Port of Discharge (0520LOC) is a US or Canadian port and Single Message Indicator is sent (0090FTX C506,1153 = "DOC" and C506,1154 = "SMI") , MFS "Manifest Filer Status" and Manifest Filing Country must be provided and at least one of the Manifest Filing Country Codes provided will match the Port of Discharge Country.

b. If Manifest Filer Status = 1 (Self) then "Manifest Filer Identification" C108, 4440(3) must be provided.

Examples:

FTX+CCI++MFS+5:US

or

FTX+CCI++MFS+1:US:SCAC

2. FROB Cargo through the US or Canada for Consolidation Shipments (FTX+DOC++SMI provided):

a. For FROB cargo thru the US, eg., Hamburg -> US -> Santiago, Customer must provide Filer Status (Self or Carrier) for Manifest Filing Country = US

b. For FROB cargo thru Canada, eg., Hamburg -> Montreal -> Boston, Customer must provide Filer Status (Self or Carrier) for Manifest Filing Country = CA.

c. Filer status should NOT be provided for FROB cargo NOT involving US or CA.

#### Data Element Summary

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

		Accepted values:		
		AAA	Goods description	
		CCI	Customs clearance instructions	
Not Used	4453	<b>TEXT FUNCTION, CODED</b>	C	1 an..3
		Code specifying the purpose of the text.		
	C107	<b>TEXT REFERENCE</b>	C	1
		Coded reference to a standard text and its source.		
	4441	<b>Free text value code</b>	M	an..17
		Code specifying free form text.		
		If code 'CCI' is used in element 4451, then the following will be used:		
		Supplied values:		
		MFS	Manifest Filer Status	
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
Not Used	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
	C108	<b>TEXT LITERAL</b>	C	1
		Free text; one to five lines.		
	4440	<b>Free text value</b>	M	an..500
		Free form text.		
		Recommended that this element not exceed 26 characters in order to ensure best Bill print result.		
		Note:		
		If 'MFS' (Manifest Filing Status) is used in element C107,4441, then the following must be used in this sub-element:		
		Supplied values:		
		1 Self		
		5 Carrier		
	4440	<b>Free text value</b>	C	an..500
		Free form text.		
		Manifest Filing Country (2 character ISO country code).		
		If Manifest Filing Status is sent, then Manifest Filing Country Code must be provided.		
	4440	<b>Free text value</b>	C	an..500
		Free form text.		
		Manifest Filer Identification.		
		If Manifest Filing Status = 1 (Self) , then Manifest Filing Identification must be provided.		
Not Used	4440	<b>Free text value</b>	C	an..512
		Free form text.		
Not Used	4440	<b>Free text value</b>	C	an..512
		Free form text.		
Not Used	3453	<b>LANGUAGE NAME CODE</b>	C	1 an..3
		Code specifying the language name.		
Not Used	4447	<b>TEXT FORMATTING, CODED</b>	C	1 an..3
		Code specifying the formatting parameters for the text.		



**Group:** **NAD** Segment Group 19: Name and Address  
**Position:** 1010  
**Group:** Segment Group 18 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments to identify different places of collection and/or delivery for the goods item.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	1020	NAD	Name and Address	M	1	

**Segment:** **NAD** Name and Address  
**Position:** 1020 (Trigger Segment)  
**Group:** Segment Group 19 (Name and Address) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify an address of a place of collection or delivery for a goods item.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

**Examples:**

NAD+OS+++ORIGINAL SHIPPER NAME+ORIGINAL SHIPPER STREET  
ADDRESS:ADDRESS CONTINUED

NAD+UC+++ULTIMATE CONSIGNEE NAME+ULTIMATE CONSIGNEE STREET  
ADDRESS:ADDRESS CONTINUED

**Localized Customs Rules:**

**1. United States or Canada Imports:**

a. When Port of Discharge (0520LOC) is a US port and Single Message Indicator is sent, then Manifest Filing Country = US must be provided.

b. When Port of Discharge (0520LOC) is a Canadian port and Single Message Indicator is sent, then Manifest Filing Country = CA must be provided.

c. If Filer status (0990FTX) is Carrier (5) for Manifest Filing Country = US or CA , then name and address must be provided for the following parties :

OS Original Shipper

UC Ultimate Consignee

d. If Filer status is Self (1), Requestor must not provide name and address for OS and UC parties.

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>M</u>	<u>1 an..3</u>
	3035		<b>PARTY FUNCTION CODE QUALIFIER</b> Code giving specific meaning to a party. OS Original shipper UC Ultimate consignee	M	1 an..3
Not Used	C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C	1
Not Used		3039	<b>Party identifier</b> Code specifying the identity of a party.	M	an..35
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C	an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C	an..3
Not Used	C058		<b>NAME AND ADDRESS</b> Unstructured name and address: one to five lines.	C	1
Not Used		3124	<b>Name and address line</b> Free form name and address description.	M	an..35
Not Used		3124	<b>Name and address line</b> Free form name and address description.	C	an..35
Not Used		3124	<b>Name and address line</b>	C	an..35

		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
	C080	<b>PARTY NAME</b>	C	1
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
		Used to indicate Company Name.		
	3036	<b>Party name</b>	M	an..35
		Name of a party involved in a transaction.		
	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
		Used Only if first line of Party Name exceeds 35 Characters.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3045	<b>Party name format code</b>	C	an..3
		Code specifying the representation of a party name.		
	C059	<b>STREET</b>	C	1
		Street address and/or PO Box number in a structured address: one to four lines.		
		Used for Company Address		
	3042	<b>Street and number/p.o. box</b>	M	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
Not Used	3164	<b>CITY NAME</b>	C	1 an..35
		Name of a city (a town, a village) for addressing purposes.		
Not Used	C819	<b>COUNTRY SUB-ENTITY DETAILS</b>	C	1
		To specify a part of a country (eg county or part of a city).		
Not Used	3229	<b>Country sub-entity name code</b>	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
Not Used	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
Not Used	3228	<b>Country sub-entity name</b>	C	an..35
		Name of sub-entities (state, province) defined by appropriate governmental agencies.		
Not Used	3251	<b>POSTAL IDENTIFICATION CODE</b>	C	1 an..17
		Code specifying the postal zone or address.		
Not Used	3207	<b>COUNTRY NAME CODE</b>	C	1 an..3

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

**Group:** **MEA** Segment Group 20: Measurements  
**Position:** 1060  
**Group:** Segment Group 18 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments to specify measurements applicable to a goods item.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1070	MEA	Measurements	M	1	

**Segment:** **MEA** Measurements  
**Position:** 1070 (Trigger Segment)  
**Group:** Segment Group 20 (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+WT+KGM:3000

These volume and weight values may be used for outer, inner or inner-inner packaging.

Note: Weight is MANDATORY for outer package. Refer to Appendix 2 for proper usage within GID group.

Localized Customs Rules:

Brazil

When Port of Discharge or Port of Load (0520LOC) is a Brazilian port, the following units of measurement must be provided:

Cargo Gross weight in kilograms

Cargo Gross volume in cubic meters

All numeric values must conform to below rules:

- Decimal must be represented using the dot ('.')
- Group separators are invalid:

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

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

#### Data Element Summary

Data Element	Component Element	Name	Attributes
6311		<b>MEASUREMENT ATTRIBUTE CODE</b> Code specifying the measurement attribute. Accepted values:	M 1 an..3
		AAE Measurement	
C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type. Intra accepted values:	C 1
	6313	<b>Measured attribute code</b> Code specifying the attribute measured. Accepted values:	M an..3
		AAW Gross volume	
		Total cubic displacement of the package.	
		WT Weight	
		Gross weight of the package.	

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

**Group:** **RFF** Segment Group 22: Reference  
**Position:** 1120  
**Group:** Segment Group 18 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to identify references to a goods item.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1130	RFF	Reference	M	1	



<b>Segment:</b>	<b>RFF</b> Reference
<b>Position:</b>	1130 (Trigger Segment)
<b>Group:</b>	Segment Group 22 (Reference) Conditional (Optional)
<b>Level:</b>	2
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	A segment to identify a reference to a goods item.
<b>Dependency Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p>RFF+ON:PURCHASE ORDER NUMBER RFF+BH:HOUSE_BL_NUMBER</p> <p>- Refer to Appendix 2 for proper usage within GID group.</p> <p>When Single Message Indicator is ON (FTX+DOC++SMI provided), House Bill Number (BH) must be provided for each commodity.</p> <p>Please refer to the SI 3 Business Rule Spreadsheet referenced above for a detailed description of use cases related to the following Localized Customs Rules:</p> <p>1. Brazil Exports:</p> <p>a. When Port of Load is a Brazilian port, the following must be provided for each commodity:</p> <p>ABT NCM (Nomenclature Comun do Mercosul) commodity code ED Export Declaration Type ADU Customs House Broker Reference (also known as "Export Dispatch Declaration" or "DDE")</p> <p>b. One of the following three qualifiers must be provided for Export Declaration Type:</p> <p>RFF+ED:DE - indicates Export Declaration Type = DE. RFF+ED:DSE - indicates Export Declaration Type = DSE. RFF+ED:PCI - indicates Export Declaration Type = PCI.</p> <p>2. Brazil Imports:</p> <p>When Port of Discharge is a Brazilian port, the following must be provided for each commodity:</p> <p>ABT NCM (Nomenclature Comun do Mercosul) commodity code</p> <p>3. United States Exports:</p> <p>When Port of Load (0520LOC) is a US port, Internal Transaction Number (TN) must be provided either at the header or GID (for each commodity). If TN is provided at the Header level, it must not be provided at the GID level and vice versa. Requestor must not provide TN when the Port of Load is NOT a US port.</p>

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
<b>C506</b>		<b>REFERENCE</b>	<b>M 1</b>
		Identification of a reference.	
	<b>1153</b>	<b>Reference function code qualifier</b>	<b>M an..3</b>
		Code giving specific meaning to a reference segment or a reference number.	
		Accepted values:	
		ABT Customs declaration number	
		NCM (Nomenclature Comun do Mercosul) code	
		Must be numeric; can be up to 8 digits first 4 are mandatory.	
		Must not exceed maximum limit of 140 per commodity.	

ABW	Stock keeping unit number
	SKU number of Commodity. Usage contingent upon mutual agreement between customer and carrier.
ADU	Broker reference 1
	Used for Customs House Broker Reference Number
	Used to indicate Brazil's Export Dispatch Declaration (EDD); also known as "DDE" When this is provided, single value must be sent
AFG	Tariff number
AKG	Vehicle Identification Number (VIN)
BH	House bill of lading number
	Mandatory when Single Message Indicator is sent When this is provided, single value must be sent
BN	Booking reference number
	Carrier Booking Number
	Only provided here when the Carrier assigns distinct booking numbers to each cargo.
	When this is provided, single value must be sent
CG	Consignee's order number
CT	Contract number
	Usage contingent on mutual agreement between customer and carrier.
ED	Export declaration
	Export Declaration Type
	When this is provided, single value must be sent.
IV	Invoice number
	Indicates Shipper's Commercial Invoice Number. Usage contingent on mutual agreement between customer and carrier.
ON	Order number (purchase)
	Used only if each Commodity has a different PO number.
	Note: If used here, the PO number cannot also appear in the header section (RFF Group 3).
	Usage contingent upon mutual agreement between customer and carrier.
RF	Export reference number
	Brazil Export Registry Number
	When this is provided, single value must be sent.
TN	Transaction reference number
	Used to indicate the unique ITN (Internal Transaction number) as provided by the US AES (Automated Export System). If used here, the ITN Reference number must not appear in header section (RFF Group 3).

1154	Reference identifier	C	an..35
	Identifies a reference.		
	When C507,1153 = "ED", Supplied Values must be one of:		

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

**Group:** **PCI** **Segment Group 23: Package Identification**  
**Position:** 1150  
**Group:** Segment Group 18 (Goods Item Details)      Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify marks and numbers of a goods item.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1160	PCI	Package Identification	M	1	

**Segment:** **PCI** **Package Identification**  
**Position:** 1160 (Trigger Segment)  
**Group:** Segment Group 23 (Package Identification)      Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify marks and numbers of a goods item.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

PCI++MARKS AND NUMBERS:MARKS AND NUMBERS CONTINUED

Used for Marks and Numbers of package.

Refer to Appendix 2 for proper usage within GID group.

The total amount of marks and numbers cannot exceed a 50 by 35 structure. Example: if all composites (7102) of element C210 are used, the maximum number of PCI segments is 5, however if only the first composite is used the maximum allowable PCI usage is 50.

Note:

- Recommended maximum 17 characters per line in order to ensure best Bill print result.

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	4233		<b>MARKING INSTRUCTIONS, CODED</b>	C 1 an..3
			Code indicating instructions on how specified packages or physical units should be marked.	
	C210		<b>MARKS &amp; LABELS</b>	C 1
			Shipping marks on packages in free text; one to ten lines.	
		7102	<b>Shipping marks</b>	M an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
		7102	<b>Shipping marks</b>	C an..35
			Marks and numbers identifying individual packages.	
Not Used	8275		<b>CONTAINER OR PACKAGE STATE, CODED</b>	C 1 an..3
			Code to identify whether goods of separate description or comprising separate	

<b>Not Used</b>	<b>C827</b>	consignments are contained in the same external packaging or to indicate that a container or similar unit load device is empty.	<b>C</b>	<b>1</b>
		<b>TYPE OF MARKING</b>		
<b>Not Used</b>	<b>7511</b>	Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).	<b>M</b>	<b>an..3</b>
		<b>Type of marking, coded</b>		
<b>Not Used</b>	<b>1131</b>	To specify the type of marking that reflects the method and the conventions adhered to for marking.	<b>C</b>	<b>an..3</b>
		<b>Code list identification code</b>		
<b>Not Used</b>	<b>3055</b>	Identification of a code list.	<b>C</b>	<b>an..3</b>
		<b>Code list responsible agency code</b>		
<b>Not Used</b>	<b>3055</b>	Code specifying the agency responsible for a code list.	<b>C</b>	<b>an..3</b>

**Group:** **SGP** Segment Group 29: Split Goods Placement  
**Position:** 1370  
**Group:** Segment Group 18 (Goods Item Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify the distribution of a goods item among the transport equipment.

Segment Summary						
	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max. <u>Use</u>	Group: <u>Repeat</u>
M	1380	SGP	Split Goods Placement	M	1	
	1390		Segment Group 30: Measurements	C		9

**Segment:** **SGP** Split Goods Placement  
**Position:** 1380 (Trigger Segment)  
**Group:** Segment Group 29 (Split Goods Placement)      Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify the equipment in which goods are transported.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

SGP+CONTAINER NUMBER+2

REFER TO APPENDIX 2 FOR PROPER USAGE WITHIN GID GROUP.

The SGP segment is used to indicate the container number in which the commodity and package is stored

MANDATORY for each GID outer package definition, recommended to be sent for Inner or Inner-inner definitions.

In the case of Split Goods (same commodity within multiple containers), the SGP segment must repeat within the GID group for each container. The number of packages (element 7224) is also required. The MEA segments under the SGP will report the weight and if available, the volume of the commodity within that container.

**Notes:**

- Each distinct container number listed in an SGP (composite element C237 8260) must have a matching EQD segment.

**Data Element Summary**

<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
<b>C237</b>		<b>EQUIPMENT IDENTIFICATION</b>	<b>M 1</b>
		Marks (letters/numbers) identifying equipment.	
	<b>8260</b>	<b>Equipment identification number</b>	<b>C an..17</b>
		Marks (letters and/or numbers) which identify equipment e.g. unit load device.	
		Container Number expected 4 Alpha + 7 Numeric, ex: MSCU1002262	
<b>Not Used</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C an..3</b>
		Identification of a code list.	
<b>Not Used</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
		Code specifying the agency responsible for a code list.	
<b>Not Used</b>	<b>3207</b>	<b>Country name code</b>	<b>C an..3</b>
		Identification of the name of the country or other geographical entity as specified in ISO 3166.	
<b>7224</b>		<b>NUMBER OF PACKAGES</b>	<b>C 1 n..8</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
		MANDATORY for Intra.	
		Number of packages must be a valid whole number with no decimal or commas.	



**Group:** **MEA** Segment Group 30: Measurements  
**Position:** 1390  
**Group:** Segment Group 29 (Split Goods Placement) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify measurements.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1400	MEA	Measurements	M	1	

**Segment:** **MEA** Measurements  
**Position:** 1400 (Trigger Segment)  
**Group:** Segment Group 30 (Measurements)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to specify measurements of that portion of the goods item in the equipment.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** MEA+AAE+WT+KGM:300

Refer to Appendix 2 for proper usage with in the GID group.

MANDATORY in the case of Split Goods to report the weight within each container, but recommended in all cases. Volume is also recommended.

All numeric values must conform to below rules:

- Decimal must be represented using the dot ('.')
- Group separators are invalid:

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

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

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
6311		<b>MEASUREMENT ATTRIBUTE CODE</b>	<b>M</b>	<b>1</b>	<b>an..3</b>
		Code specifying the measurement attribute.			
		Accepted values:			
	AAE	Measurement			
C502		<b>MEASUREMENT DETAILS</b>	<b>C</b>	<b>1</b>	
		Identification of measurement type.			
	6313	<b>Measured attribute code</b>	<b>C</b>		<b>an..3</b>
		Code specifying the attribute measured.			
		Accepted values:			
	AAW	Gross volume			
		Volume of package in preceding SGP segment.			
	WT	Weight			
		Weight of package in preceding SGP segment.			
Not Used	6321	<b>Measurement significance, coded</b>	<b>C</b>		<b>an..3</b>
		Code specifying the significance of a measurement value.			
Not Used	6155	<b>Non-discrete measurement name code</b>	<b>C</b>		<b>an..17</b>
		Code specifying the name of a non-discrete measurement.			
Not Used	6154	<b>Non-discrete measurement name</b>	<b>C</b>		<b>an..70</b>
		Name of a non-discrete measurement.			
C174		<b>VALUE/RANGE</b>	<b>C</b>	<b>1</b>	
		Measurement value and relevant minimum and maximum values of the measurement range.			
	6411	<b>Measurement unit code</b>	<b>M</b>		<b>an..3</b>

Code specifying the unit of measurement.

If provided then C174, 6314 is MANDATORY

Accepted values:

For Weight:

KGM = Kilograms

LBR = Pounds

For Volume:

FTQ = Cubic feet

MTQ = Cubic meters

	<b>6314</b>	<b>Measurement value</b>	<b>C</b>	<b>an..18</b>
		Value of the measured unit.		

Weight and/or Volume of outer package. If provided then C174, 6411 is MANDATORY

<b>Not Used</b>	<b>6162</b>	<b>Range minimum</b>	<b>C</b>	<b>n..18</b>
-----------------	-------------	----------------------	----------	--------------

Minimum of a range.

<b>Not Used</b>	<b>6152</b>	<b>Range maximum</b>	<b>C</b>	<b>n..18</b>
-----------------	-------------	----------------------	----------	--------------

Maximum of a range.

<b>Not Used</b>	<b>6432</b>	<b>Significant digits</b>	<b>C</b>	<b>n..2</b>
-----------------	-------------	---------------------------	----------	-------------

To specify the number of significant digits.

<b>Not Used</b>	<b>7383</b>	<b>SURFACE/LAYER CODE</b>	<b>C</b>	<b>1 an..3</b>
-----------------	-------------	---------------------------	----------	----------------

Code specifying the surface or layer of an object.

**Group:** **DGS** Segment Group 32: Dangerous Goods  
**Position:** 1510  
**Group:** Segment Group 18 (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						
M	Pos.	Seg.	<u>Name</u>	Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
	1520	DGS	Dangerous Goods	M	1	
	1530	FTX	Free Text	C	99	
	1540		Segment Group 33: Contact Information	C		9

**Segment:** **DGS** Dangerous Goods  
**Position:** 1520 (Trigger Segment)  
**Group:** Segment Group 32 (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+3.2:456+4056+098:FAH+2+EMSNBR

Notes:  
 - DGS details apply to the rightmost populated composite of GID.  
 - Refer to Appendix 2 for proper usage within GID group.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
8273		<b>DANGEROUS GOODS REGULATIONS CODE</b> Code specifying a dangerous goods regulation. Accepted values:	C	1 an..3
		IMD      IMO IMDG code		
	C205	<b>HAZARD CODE</b> The identification of the dangerous goods in code.	C	1
	8351	<b>Hazard code identification</b> Dangerous goods code. IMO Class code.	M	an..7
	8078	<b>Hazard substance/item/page number</b> Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation.	C	an..7
Not Used	8092	<b>Hazard code version number</b> The version/revision number of date of issuance of the code used.	C	an..10
	C234	<b>UNDG INFORMATION</b> Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	C	1
	7124	<b>UNDG number</b> Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.	C	n4
Not Used	7088	<b>Dangerous goods flashpoint</b> Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air.	C	an..8
	C223	<b>DANGEROUS GOODS SHIPMENT FLASHPOINT</b> Temperature at which a vapor can be ignited as per ISO 1523/73.	C	1
	7106	<b>Shipment flashpoint</b> Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited. Temperature must contain 3 valid numeric digits (plus/minus sign and decimal are not counted as characters). Valid examples: 001, -001, -05.5, 55.5, +55.5 Invalid examples: 1, -1, -01, 5.5, +5.5	C	n3

		Note: Decimal must be represented using the dot (".").		
	<b>6411</b>	<b>Measurement unit code</b>	<b>C</b>	<b>an..3</b>
		Code specifying the unit of measurement.		
		Accepted values:		
		CEL = Celsius		
		FAH = Fahrenheit		
	<b>8339</b>	<b>PACKING GROUP, CODED</b>	<b>C</b>	<b>1 an..3</b>
		Identification of a packing group by code.		
		Accepted values:		
		1 Great danger		
		2 Medium danger		
		3 Minor danger		
	<b>8364</b>	<b>EMS NUMBER</b>	<b>C</b>	<b>1 an..6</b>
		Emergency procedures for ships carrying dangerous goods.		
Not Used	<b>8410</b>	<b>MFAG</b>	<b>C</b>	<b>1 an..4</b>
		Medical first aid guide.		
Not Used	<b>8126</b>	<b>TREM CARD NUMBER</b>	<b>C</b>	<b>1 an..10</b>
		The identification of a transport emergency card giving advice for emergency actions.		
Not Used	<b>C235</b>	<b>HAZARD IDENTIFICATION PLACARD DETAILS</b>	<b>C</b>	<b>1</b>
		These numbers appear on the hazard identification placard required on the means of transport.		
Not Used	<b>8158</b>	<b>Hazard identification number, upper part</b>	<b>C</b>	<b>an..4</b>
		The id. number for the Orange Placard (upper part) required on the means of transport.		
Not Used	<b>8186</b>	<b>Substance identification number, lower part</b>	<b>C</b>	<b>an4</b>
		The number for the Orange Placard (lower part) required on the means of transport.		
Not Used	<b>C236</b>	<b>DANGEROUS GOODS LABEL</b>	<b>C</b>	<b>1</b>
		Markings identifying the type of hazardous goods and similar information.		
Not Used	<b>8246</b>	<b>Dangerous goods label marking</b>	<b>C</b>	<b>an..4</b>
		Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.		
Not Used	<b>8246</b>	<b>Dangerous goods label marking</b>	<b>C</b>	<b>an..4</b>
		Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.		
Not Used	<b>8246</b>	<b>Dangerous goods label marking</b>	<b>C</b>	<b>an..4</b>
		Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency.		
Not Used	<b>8255</b>	<b>PACKING INSTRUCTION, CODED</b>	<b>C</b>	<b>1 an..3</b>
		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	<b>8325</b>	<b>CATEGORY OF MEANS OF TRANSPORT, CODED</b>	<b>C</b>	<b>1 an..3</b>
		Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous.		
Not Used	<b>8211</b>	<b>PERMISSION FOR TRANSPORT, CODED</b>	<b>C</b>	<b>1 an..3</b>
		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:** 1530  
**Group:** Segment Group 32 (Dangerous Goods)      Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**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+++PROPER SHIPPING NAME

REFER TO APPENDIX 2 FOR PROPER USAGE WITHIN GID GROUP.

FTX segments can be used for additional Hazmat description but maximum length per line should not exceed 30 characters.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
4451		<b>TEXT SUBJECT CODE QUALIFIER</b>	M	1	an..3
		Code specifying the subject of the text.			
		Accepted values:			
		AAC			Dangerous goods additional information
					Used for General Haz Mat comments.
		AAD			Dangerous goods, technical name
					Used to indicate Proper Shipping Name.
		HAZ			Hazard information
					Used to indicate the Haz Mat Placard (Explosive, Flammable, etc.) .
Not Used	4453	<b>TEXT FUNCTION, CODED</b>	C	1	an..3
		Code specifying the purpose of the text.			
Not Used	C107	<b>TEXT REFERENCE</b>	C	1	
		Coded reference to a standard text and its source.			
Not Used	4441	<b>Free text value code</b>	M		an..17
		Code specifying free form text.			
Not Used	1131	<b>Code list identification code</b>	C		an..3
		Identification of a code list.			
Not Used	3055	<b>Code list responsible agency code</b>	C		an..3
		Code specifying the agency responsible for a code list.			
	C108	<b>TEXT LITERAL</b>	C	1	
		Free text; one to five lines.			
	4440	<b>Free text value</b>	M		an..512
		Free form text.			
		If Proper Shipping Name (element 4451 code AAD)			
		Note:			
		-Maximum 3 lines of 30 characters each allowed.			
		If Haz Mat Placard (element 4451 code HAZ)			
		Note:			
		- If SI is destined to a carrier receiving ANSI standard messages and more than 1 line			

		of 30 characters is sent. It will be subject to truncation.		
		If Haz Mat Comments (element 4451 code ACC) Note: - If SI is destined to a carrier receiving ANSI standard messages and more than 8 lines of 30 characters is sent. They may be subject to truncation.		
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	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.	C	1 an..3



**Group:** **CTA** **Segment Group 33: Contact Information**  
**Position:** 1540  
**Group:** Segment Group 32 (Dangerous Goods)      Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify a contact to whom communication regarding the dangerous goods can be directed.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1550	CTA	Contact Information	M	1	
	1560	COM	Communication Contact	C	9	

**Segment:** **CTA** **Contact Information**  
**Position:** 1550 (Trigger Segment)  
**Group:** Segment Group 33 (Contact Information)      Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

CTA+HG+:HAZARDOUS CONTACT NAME

If DGS details are provided, the Contact name is MANDATORY.

If CTA is provided, at least one COM is MANDATORY.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
Not Used	3139	<b>CONTACT FUNCTION CODE</b>	<b>C</b>	<b>1 an..3</b>
		Code specifying the function of a contact (e.g. department or person).		
		Accepted values:		
		HG                      Dangerous goods contact		
	C056	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	<b>C</b>	<b>1</b>
Not Used		Code and/or name of a department or employee. Code preferred.		
	3413	<b>Department or employee identification</b>	<b>C</b>	<b>an..17</b>
		Internal identification code.		
	3412	<b>Department or employee</b>	<b>C</b>	<b>an..35</b>
		The department or person within an organizational entity.		
		Emergency Contact Name.		

**Segment:** **COM** Communication Contact  
**Position:** 1560  
**Group:** Segment Group 33 (Contact Information) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to identify a communication number of a person or department.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

COM+800 555-7777:TE

If DGS details are provided, the Contact Phone number is MANDATORY.

If COM is provided, CTA is MANDATORY.

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C076		COMMUNICATION CONTACT	M 3
		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:	
		- Limited to 24 characters.	
		- Toll free numbers are not valid.	
	3155	Communication number code qualifier	M an..3
		Code qualifying the communication number.	
		Accepted values:	
		TE Telephone	

**Group:** **EQD** Segment Group 37: Equipment Details  
**Position:** 1650  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 999  
**Purpose:** A group of segments to specify equipment in which goods are transported.

Segment Summary						
	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	1660	EQD	Equipment Details	M	1	
	1690	MEA	Measurements	C	9	
	1710	SEL	Seal Number	C	99	
	1740	TMP	Temperature	C	1	
	1750	FTX	Free Text	C	9	
	1760	RFF	Reference	C	9	
	1850		Segment Group 39: Name and Address	C		9

**Segment:** **EQD** Equipment Details  
**Position:** 1660 (Trigger Segment)  
**Group:** Segment Group 37 (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+MSCU0100140+22G0:::DESCRIPTION+2  
MANDATORY for Intra.  
Notes:  
- All containers referenced in EQD must be referenced in SGP segments.

#### Data Element Summary

Data Element	Component Element	Name	Attributes
8053		<b>EQUIPMENT TYPE CODE QUALIFIER</b> Code qualifying a type of equipment. Accepted values: CN                      Container	M      1    an..3
	C237	<b>EQUIPMENT IDENTIFICATION</b> Marks (letters/numbers) identifying equipment.	C      1
	8260	<b>Equipment identification number</b> Marks (letters and/or numbers) which identify equipment e.g. unit load device. Container Number expected is 4 Alpha + 7 Numeric and will be validated if Equipment Supplier Code (element 8077) is 2 (Carrier supplied). Example: MSCU1002262	C      an..17
Not Used	1131	<b>Code list identification code</b> Identification of a code list.	C      an..3
Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C      an..3
Not Used	3207	<b>Country name code</b> Identification of the name of the country or other geographical entity as specified in ISO 3166.	C      an..3
	C224	<b>EQUIPMENT SIZE AND TYPE</b> Code and or name identifying size and type of equipment. Code preferred.	C      1
	8155	<b>Equipment size and type description code</b> Code specifying the size and type of equipment. All ISO equipment type codes are accepted.	C      an..10
Not Used	1131	<b>Code list identification code</b> Identification of a code list.	C      an..3
Not Used	3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C      an..3
	8154	<b>Equipment size and type description</b> Free form description of the size and type of equipment. Used for equipment description text (not printed on Bill).	C      an..35
8077		<b>EQUIPMENT SUPPLIER, CODED</b> To indicate the party that is the supplier of the equipment.	C      1    an..3

Accepted values:		
1	Shipper supplied	
2	Carrier supplied	
	Equipment Identification Number (element C237,8260) must be supplied if Carrier Supplied equipment.	
<b>EQUIPMENT STATUS CODE</b>	<b>C</b>	<b>1 an..3</b>
Code specifying the status of equipment.		
<b>FULL/EMPTY INDICATOR, CODED</b>	<b>C</b>	<b>1 an..3</b>
To indicate the extent to which the equipment is full or empty.		

<b>Segment:</b>	<b>MEA</b> Measurements
<b>Position:</b>	1690
<b>Group:</b>	Segment Group 37 (Equipment Details)      Conditional (Optional)
<b>Level:</b>	2
<b>Usage:</b>	Conditional (Optional)
<b>Max Use:</b>	9
<b>Purpose:</b>	A segment to specify measurements, other than dimensions, associated with the equipment, such as weight.
<b>Dependency Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p>MEA+AAE+AAS+CBM:25</p> <p>These values apply to each individual container.</p> <p>Localized Customs Rules:</p> <p>Brazil When Port of Discharge or Port of Load (0520LOC) is a Brazilian port, Container tare weight in kilograms must be provided</p> <p>All numeric values must conform to below rules:</p> <ul style="list-style-type: none"> <li>- Decimal must be represented using the dot ('.')</li> <li>- Group separators are invalid:</li> </ul> <p>1. Weight and Air Flow: Maximum 3 bytes of precision allowed: examples: valid - "1000.123"    invalid - "1,000.123", "1.000,123"</p> <p>2. Volume: Maximum 4 bytes of precision allowed: examples: valid - "1000.1234"    invalid - "1,000.1234", "1.000,1234"</p>

### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
6311	C502	<b>MEASUREMENT ATTRIBUTE CODE</b>	<b>M</b>	<b>1</b>	<b>an..3</b>
		Code specifying the measurement attribute.			
		Accepted values:			
		AAE                      Measurement			
		<b>MEASUREMENT DETAILS</b>	<b>C</b>	<b>1</b>	
		Identification of measurement type.			
		<b>6313    Measured attribute code</b>	<b>C</b>		<b>an..3</b>
		Code specifying the attribute measured.			
		Accepted values:			
		AAS                      Air flow			
Not Used	6321	Applies only to Reefer equipment.			
		AAW                      Gross volume			
		Cubic displacement of container.			
		T                          Tare weight			
		Weight of empty container			
		WT                          Weight			
		Container Total Cargo Weight (excludes container tare weight).			
		<b>Measurement significance, coded</b>	<b>C</b>		<b>an..3</b>
		Code specifying the significance of a measurement value.			

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



**Segment:** **SEL** Seal Number  
**Position:** 1710  
**Group:** Segment Group 37 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A segment to identify seal and seal issuer associated with the equipment.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** SEL+SEAL NBR+SH

Maximum of 5 Seal numbers are accepted.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
9308		<b>SEAL NUMBER</b>	C 1 an..15
		The number of a custom seal or another seal affixed to the containers or other transport unit.	
		INTTRA has increased the size of the seal number from 10 to 15 characters.	
C215		<b>SEAL ISSUER</b>	C 1
		Identification of the issuer of a seal on equipment either by code or by name.	
	9303	<b>Sealing party, coded</b>	C an..3
		Identification of the issuer of the seal number.	
		If Seal number is provided, the Issuer code is recommended.	
		Accepted values:	
		AC Quarantine agency	
		Used for Veterinary Seal.	
		CA Carrier	
		CU Customs	
		SH Shipper	
		TO Terminal operator	
Not Used	1131	<b>Code list identification code</b>	C an..3
		Identification of a code list.	
Not Used	3055	<b>Code list responsible agency code</b>	C an..3
		Code specifying the agency responsible for a code list.	
Not Used	9302	<b>Sealing party</b>	C an..35
		Clear text, representing the name of the issuer of the seal number.	
Not Used	4517	<b>SEAL CONDITION, CODED</b>	C 1 an..3
		To indicate the condition of a seal.	
Not Used	C208	<b>IDENTITY NUMBER RANGE</b>	C 1
		Goods item identification numbers, start and end of consecutively numbered range.	
Not Used	7402	<b>Object identifier</b>	M an..35
		Code specifying the unique identity of an object.	
Not Used	7402	<b>Object identifier</b>	C an..35
		Code specifying the unique identity of an object.	

**Segment:** **TMP** Temperature  
**Position:** 1740  
**Group:** Segment Group 37 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to indicate a temperature setting for the equipment.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

TMP+2+033:CEL

This segment should be provided only if refrigerated equipment is listed in EQD.

INTTRA interpretation:

- If temperature is negative the setting must be signed with a "-" sign.
- Un-signed temperature is assumed to be positive.
- Temperature range can be from -099 to 998.
- Use element C239, 6246 with value "999" to indicate non-operating equipment.

#### Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
6245		<b>TEMPERATURE QUALIFIER</b>	M 1 an..3
		A code giving specific meaning to the temperature.	
		Accepted values:	
	2	Transport temperature	
C239		<b>TEMPERATURE SETTING</b>	C 1
		The temperature under which the goods are (to be) stored or shipped.	
6246		<b>Temperature setting</b>	C n3
		The actual temperature value in degrees Celsius (e.g. 008, 020).	
		Temperature must contain 3 valid numeric digits (plus/minus sign and decimal are not counted as characters).	
		Valid examples: 001, -001, -05.5, 55.5, +55.5	
		Invalid examples: 1, -1, -01, 5.5, +5.5	
		Note: Decimal must be represented using the dot (".").	
6411		<b>Measurement unit code</b>	C an..3
		Code specifying the unit of measurement.	
		Accepted values:	
		CEL = Celsius	
		FAH = Fahrenheit	

**Segment:** **FTX** Free Text  
**Position:** 1750  
**Group:** Segment Group 37 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A segment to specify processable supplementary information associated with the equipment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** FTX+AEB+++REEFER COMMENTS

Used for Reefer and/or Equipment comments.

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				M	1	an..3
	4451		<b>TEXT SUBJECT CODE QUALIFIER</b> Code specifying the subject of the text. Accepted values: AEB Temperature control instructions AGK Equipment Used to indicate equipment comments (for information purposes only).			
Not Used	4453		<b>TEXT FUNCTION, CODED</b> Code specifying the purpose of the text.	C	1	an..3
Not Used	C107		<b>TEXT REFERENCE</b> Coded reference to a standard text and its source.	C	1	
Not Used		4441	<b>Free text value code</b> Code specifying free form text.	M		an..17
Not Used		1131	<b>Code list identification code</b> Identification of a code list.	C		an..3
Not Used		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list.	C		an..3
	C108		<b>TEXT LITERAL</b> Free text; one to five lines.	C	1	
		4440	<b>Free text value</b> Free form text. If Temperature control instructions (element 4451 code AEB) and destined to a carrier that receives ANSI standard SIs then limited to 1 line of 30 characters. If Equipment comments (element 4451 code AGK) and destined to a carrier that receives ANSI 304 then limited to 9 lines of 35 characters each.	M		an..512
Not Used		4440	<b>Free text value</b> Free form text.	C		an..512
Not Used		4440	<b>Free text value</b> Free form text.	C		an..512
Not Used		4440	<b>Free text value</b> Free form text.	C		an..512
Not Used		4440	<b>Free text value</b> Free form text.	C		an..512

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

**Segment:** **RFF** Reference  
**Position:** 1760  
**Group:** Segment Group 37 (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+AHZ:CUSTOMS RELEASE CODE

This reference applies to each individual container.

**Data Element Summary**

<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>	
<b>C506</b>		<b>REFERENCE</b>	<b>M</b>	<b>1</b>
		Identification of a reference.		
	<b>1153</b>	<b>Reference function code qualifier</b>	<b>M</b>	<b>an..3</b>
		Code giving specific meaning to a reference segment or a reference number.		
		Accepted values:		
		AHZ Customs release code		
		For information purposes only (not printed on Bill).		
	<b>1154</b>	<b>Reference identifier</b>	<b>C</b>	<b>an..35</b>
		Identifies a reference.		
<b>Not Used</b>	<b>1156</b>	<b>Line number</b>	<b>C</b>	<b>an..6</b>
		Number of the line in the document/message referenced in 1154 Reference identifier.		
<b>Not Used</b>	<b>4000</b>	<b>Reference version identifier</b>	<b>C</b>	<b>an..35</b>
		To identify the version of a reference.		
<b>Not Used</b>	<b>1060</b>	<b>Revision number</b>	<b>C</b>	<b>an..6</b>
		To specify a revision number.		

**Group:** **NAD** Segment Group 39: Name and Address  
**Position:** 1850  
**Group:** Segment Group 37 (Equipment Details) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 9  
**Purpose:** A group of segments to identify different equipment pick-up or drop-off places.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1860	NAD	Name and Address	M	1	

**Segment:** **NAD** Name and Address  
**Position:** 1860 (Trigger Segment)  
**Group:** Segment Group 39 (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:** NAD+CS+USELZ:263:6++++LOCATION NAME

or

NAD+CS+39487:263:87++++LOCATION NAME

Location must be coded value.

Only 1 Stuffing Locations (NAD+CS) is allowed per EQD.

Localized Customs Rules:

United States

When Port of Discharge (0520LOC) is a US port, INTTRA recommends that Stuffing Location be provided (when applicable).

#### Data Element Summary

Data Element	Component Element	Name	Attributes
3035		<b>PARTY FUNCTION CODE QUALIFIER</b>	M 1 an..3
		Code giving specific meaning to a party.	
		CS Consolidator	
		Container Stuffing Location	
C082		<b>PARTY IDENTIFICATION DETAILS</b>	C 1
		Identification of a transaction party by code.	
	3039	<b>Party identifier</b>	M an..35
		Code specifying the identity of a party.	
		Unlocode, Customer Alias	
	1131	<b>Code list identification code</b>	C an..3
		Identification of a code list.	
		263 Packing and/or unpacking facility	
	3055	<b>Code list responsible agency code</b>	C an..3
		Code specifying the agency responsible for a code list.	
		6 UN/ECE (United Nations - Economic Commission for Europe)	
		86 Assigned by party originating the message	
		Assigned by Customer. The code must be defined in the Intrta alias system.	
Not Used	C058	<b>NAME AND ADDRESS</b>	C 1
		Unstructured name and address: one to five lines.	
Not Used	3124	<b>Name and address line</b>	M an..35
		Free form name and address description.	
Not Used	3124	<b>Name and address line</b>	C an..35
		Free form name and address description.	
Not Used	3124	<b>Name and address line</b>	C an..35

		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	3124	<b>Name and address line</b>	C	an..35
		Free form name and address description.		
Not Used	C080	<b>PARTY NAME</b>	C	1
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
Not Used	3036	<b>Party name</b>	M	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3036	<b>Party name</b>	C	an..35
		Name of a party involved in a transaction.		
Not Used	3045	<b>Party name format code</b>	C	an..3
		Code specifying the representation of a party name.		
Not Used	C059	<b>STREET</b>	C	1
		Street address and/or PO Box number in a structured address: one to four lines.		
Not Used	3042	<b>Street and number/p.o. box</b>	M	an..35
		Street and number in plain language, or Post Office Box No.		
Not Used	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
Not Used	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
Not Used	3042	<b>Street and number/p.o. box</b>	C	an..35
		Street and number in plain language, or Post Office Box No.		
	3164	<b>CITY NAME</b>	C	1 an..35
		Name of a city (a town, a village) for addressing purposes.		
Not Used	C819	<b>COUNTRY SUB-ENTITY DETAILS</b>	C	1
		To specify a part of a country (eg county or part of a city).		
Not Used	3229	<b>Country sub-entity name code</b>	C	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
Not Used	1131	<b>Code list identification code</b>	C	an..3
		Identification of a code list.		
Not Used	3055	<b>Code list responsible agency code</b>	C	an..3
		Code specifying the agency responsible for a code list.		
Not Used	3228	<b>Country sub-entity name</b>	C	an..35
		Name of sub-entities (state, province) defined by appropriate governmental agencies.		
Not Used	3251	<b>POSTAL IDENTIFICATION CODE</b>	C	1 an..17
		Code specifying the postal zone or address.		
	3207	<b>COUNTRY NAME CODE</b>	C	1 an..3
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		
		2 Character ISO country code		



**Segment:** **UNT** Message Trailer  
**Position:** 2000  
**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+23+80

#### Data Element Summary

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

**Segment:** **UNZ** Interchange Trailer  
**Position:** 2010  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** UNZ+1+100

#### Data Element Summary

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

## VII. Appendix 1 – Message Examples

### A. Single Commodity, Multiple Container

```
UNB+UNOC:2+SENDER_ID+INTTRA+040224:1300+0100'  
UNH+123456+IFTMIN:D:99B:UN'  
BGM+340+123456+9'  
DTM+137:200402241300:203'  
TSR+27+2'  
FTX+AAI+++GENERAL SHIPPING INSTRUCTION COMMENTS'  
FTX+AAI+++NON-PRINTABLE IN MOST CASES'  
FTX+BLC+++SOLID WOOD PACKING MATERIALS'  
FTX+BLC+++ONCARRIAGE TO LINDEN, NJ'  
FTX+BLC++19+FREIGHT AS AGREED'  
FTX+BLC++06'  
FTX+RQT+++ROUTE VIA HONG KONG'  
CNT+7:50000.036:KGM'  
CNT+11:900'  
CNT+16:2'  
LOC+57+DEBRE::6:BREMEN'  
LOC+73+DEBRE::6:BREMEN'  
DTM+95:20040204:102'  
RFF+SI:SID_NUMBER_100'  
RFF+BN:BOOKING_NUMBER_100'  
RFF+ERN:ABC/UB/123456'  
RFF+EX:EXPORT LICENSE 2668374'  
DTM+36:20040224:102'  
CPI+1++P'  
TDT+20+010102+1++SCAC:172+++1234567::11:VESSEL EXPRESS'  
LOC+9+BEANR::6:ANTWERPEN'  
LOC+11+USNYC::6:NEW YORK'  
LOC+88+DEMAL::6:MARL'  
LOC+7+USLDJ::6:LINDEN'  
LOC+198+LOCATION_ALIAS::86:CUSTOMER SPECIFIC SPELLING FOR CITY'  
NAD+CA+CARRIER_CODE:160:86'  
NAD+HI+REQUESTOR_CODE:160:86++REQUESTOR NAME'  
CTA+IC+:REQUESTOR_CONTACT'  
COM+02131/9249211:TE'  
COM+02131/9249520:FX'  
DOC+706+:26++1'  
DOC+707+:26++1'  
NAD+CZ+++SHIPPER_NAME+SHIPPER_ADDRESS1:SHIPPER_ADDRESS2'  
GID+1+900:BG::6:BAG'  
PIA+5+39023000:HS'  
FTX+AAA+++MATERIAL 1'  
FTX+AAA+++HS-NO 39023000'  
MEA+AAE+WT+KGM:50000.036'  
MEA+AAE+AAW+MTQ:50.3578'  
PCI++MARKS AND NUMBERS:FOR MATERIAL 1: OUR PONUMBER: PO_123456'  
SGP+MSCU1234567+400'  
MEA+AAE+WT+KGM:20000.036'  
SGP+MSCU7654321+500'  
MEA+AAE+WT+KGM:30000'  
EQD+CN+MSCU1234567+42G0:::40 Standard Dry+2'  
SEL+090111+SH'  
EQD+CN+MSCU7654321+42G0:::40 Standard Dry+2'  
SEL+090222+SH'  
UNT+53+123456'
```

UNZ+1+0100'

## B. Single Commodity, Single Container

UNB+UNOC:2+SENDER\_ID+INTTRA+040224:1300+0100'  
UNH+123456+IFTMIN:D:99B:UN'  
BGM+340+123456+9'  
DTM+137:200402241300:203'  
TSR+27+2'  
FTX+AAI+++GENERAL SHIPPING INSTRUCTION COMMENTS'  
FTX+AAI+++NON-PRINTABLE IN MOST CASES'  
FTX+BLC+++SOLID WOOD PACKING MATERIALS'  
FTX+BLC+++ONCARRIAGE TO LINDEN, NJ'  
FTX+BLC++19+FREIGHT AS AGREED'  
FTX+BLC++06'  
FTX+RQT+++ROUTE VIA HONG KONG'  
CNT+7:50000.036:KGM'  
CNT+11:900'  
CNT+16:1'  
LOC+57+DEBRE::6:BREMEN'  
LOC+73+DEBRE::6:BREMEN'  
DTM+95:20040204:102'  
RFF+SI:SID\_NUMBER\_100'  
RFF+BN:BOOKING\_NUMBER\_100'  
RFF+ERN:ABC/UB/123456'  
RFF+EX:EXPORT LICENSE 2668374'  
DTM+36:20040224:102'  
CPI+1++P'  
TDT+20+010102+1++SCAC:172+++1234567::11:VESSEL EXPRESS'  
LOC+9+BEANR::6:ANTWERPEN'  
LOC+11+USNYC::6:NEW YORK'  
LOC+88+DEMAL::6:MARL'  
LOC+7+USLDJ::6:LINDEN'  
LOC+198+LOCATION\_ALIAS::86:CUSTOMER SPECIFIC SPELLING FOR CITY'  
NAD+CA+CARRIER\_CODE:160:86'  
NAD+HI+REQUESTOR\_CODE:160:86++REQUESTOR NAME'  
CTA+IC+:REQUESTOR\_CONTACT'  
COM+02131/9249211:TE'  
COM+02131/9249520:FX'  
DOC+706+:26++1'  
DOC+707+:26++1'  
NAD+CZ+++SHIPPER\_NAME+SHIPPER\_ADDRESS1:SHIPPER\_ADDRESS2'  
GID+1+900:BG::6:BAG'  
PIA+5+39023000:HS'  
FTX+AAA+++MATERIAL 1'  
FTX+AAA+++HS-NO 39023000'  
MEA+AAE+WT+KGM:50000.036'  
MEA+AAE+AAW+MTQ:50.3578'  
PCI++MARKS AND NUMBERS:FOR MATERIAL 1: OUR PONUMBER: PO\_123456'  
SGP+MSCU1234567+900'  
MEA+AAE+WT+KGM:50000.036'  
EQD+CN+MSCU1234567+42G0:::40 Standard Dry+2'  
SEL+090111+SH'  
UNT+49+123456'  
UNZ+1+0100'

### C. Single Commodity, Single Container with Outer and Inner Packing

UNB+UNOC:2+SENDER\_ID+INTTRA+040224:1300+0100'  
UNH+123456+IFTMIN:D:99B:UN'  
BGM+340+123456+9'  
DTM+137:200405271930:203'  
TSR+27+2'  
FTX+AAI+++GENERAL SHIPPING INSTRUCTION COMMENTS'  
FTX+AAI+++NON-PRINTABLE IN MOST CASES'  
FTX+BLC+++SOLID WOOD PACKING MATERIALS'  
FTX+BLC+++ONCARRIAGE TO LINDEN, NJ'  
FTX+BLC++19+FREIGHT AS AGREED'  
FTX+BLC++06'  
CNT+7:50000:KGM'  
CNT+11:900'  
CNT+16:1'  
LOC+57+DEBRE::6:BREMEN'  
LOC+73+DEBRE::6:BREMEN'  
DTM+95:20040204:102'  
RFF+SI:SID\_NUMBER\_100'  
RFF+BN:BOOKING\_NUMBER\_100'  
RFF+ERN:ABC/UB/123456'  
RFF+EX:EXPORT LICENSE'  
DTM+36:20050327:102'  
CPI+4++P'  
CPI+2++C'  
TDT+20+010102+1++SCAC:172+++LLOYDS::11:VESSEL EXPRESS'  
LOC+9+BEANR::6:ANTWERPEN'  
LOC+11+USNYC::6:NEW YORK'  
LOC+88+DEMAL::6:MARL'  
LOC+7+USLDJ::6:LINDEN'  
LOC+198+LOCATION\_ALIAS::86:CUSTOMER SPECIFIC SPELLING FOR CITY'  
NAD+CA+CARRIER\_CODE:160:86'  
NAD+HI+REQUESTOR\_CODE:160:86++REQUESTOR NAME'  
CTA+IC+:REQUESTOR\_CONTACT'  
COM+02131/9249211:TE'  
COM+02131/9249520:FX'  
DOC+706+:26++1'  
DOC+707+:26++1'  
NAD+CZ+++SHIPPER\_NAME+SHIPPER\_ADDRESS1:SHIPPER\_ADDRESS2'  
NAD+OO'  
NAD+N1+++ADDITIONAL NOTIFY+N1\_ADDRESS1:N1\_ADDRESS2'  
GID+1+40:PX::6:PALLET'  
MEA+AAE+WT+KGM:50000'  
MEA+AAE+AAW+MTQ:50'  
SGP+MSCU1234567+400'  
MEA+AAE+WT+KGM:20000'  
GID+1++960:CT::6:CARTON'  
PIA+5+39023000:HS'  
FTX+AAA+++MATERIAL 1'  
FTX+AAA+++HS-NO 39023000'  
RFF+ABW:SKU number'  
PCI++MARKS AND NUMBERS:FOR MATERIAL 1: OUR PONUMBER: PO\_123456'  
SGP+MSCU1234567+400'  
MEA+AAE+WT+KGM:20000'  
EQD+CN+MSCU1234567+42G0:::40 Standard Dry+2'  
SEL+090111+AC'  
FTX+AGK+++EQUIPMENT COMMENTS, INFORMATION ONLY'  
RFF+AHZ:CUSTOMS RELEASE NUMBER 1'

UNT+57+123456'  
UNZ+1+0100'

#### D. Multiple Commodities, Multiple Containers

UNB+UNOC:2+SENDER\_ID+INTTRA+040224:1300+0100'  
UNH+123456+IFTMIN:D:99B:UN'  
BGM+340+123456+9'  
DTM+137:200405271930:203'  
TSR+27+2'  
FTX+AAI+++GENERAL SHIPPING INSTRUCTION COMMENTS'  
FTX+AAI+++NON-PRINTABLE IN MOST CASES'  
FTX+BLC+++SOLID WOOD PACKING MATERIALS'  
FTX+BLC+++ONCARRIAGE TO LINDEN, NJ'  
FTX+BLC++19+FREIGHT AS AGREED'  
FTX+BLC++06'  
CNT+7:50000:KGM'  
CNT+11:900'  
CNT+16:3'  
LOC+57+DEBRE::6:BREMEN'  
LOC+73+DEBRE::6:BREMEN'  
DTM+95:20040204:102'  
RFF+SI:SID\_NUMBER\_100'  
RFF+BN:BOOKING\_NUMBER\_100'  
RFF+ERN:ABC/UB/123456'  
RFF+EX:EXPORT LICENSE'  
CPI+4++P'  
CPI+2++C'  
TDT+20+010102+1++SCAC:172+++LLOYDS::11:VESSEL EXPRESS'  
LOC+9+BEANR::6:ANTWERPEN'  
LOC+11+USNYC::6:NEW YORK'  
LOC+88+DEMAL::6:MARL'  
LOC+7+USLDJ::6:LINDEN'  
LOC+198+LOCATION\_ALIAS::86:CUSTOMER SPECIFIC SPELLING FOR CITY'  
NAD+CA+CARRIER\_CODE:160:86'  
NAD+HI+REQUESTOR\_CODE:160:86++REQUESTOR NAME'  
CTA+IC+:REQUESTOR\_CONTACT'  
COM+02131/9249211:TE'  
COM+02131/9249520:FX'  
DOC+706+:26++1'  
DOC+707+:26++1'  
NAD+CZ+++SHIPPER\_NAME+SHIPPER\_ADDRESS1:SHIPPER\_ADDRESS2'  
NAD+OO'  
NAD+N1+++ADDITIONAL NOTIFY+N1\_ADDRESS1:N1\_ADDRESS2'  
GID+1+900:BG::6:BIG BAGS'  
PIA+5+39023000:HS'  
FTX+AAA+++MATERIAL 1'  
FTX+AAA+++HS-NO 39023000'  
MEA+AAE+WT+KGM:50000'  
MEA+AAE+AAW+MTQ:50'  
PCI++MARKS AND NUMBERS:FOR MATERIAL 1: OUR PONUMBER: PO\_123456'  
SGP+MSCU1234567+400'  
MEA+AAE+WT+KGM:20000'  
GID+2+900:BG::6:BIG BAGS'  
PIA+5+39023000:HS'  
FTX+AAA+++MATERIAL 2'  
FTX+AAA+++HS-NO 39023000'  
MEA+AAE+WT+KGM:50000'  
MEA+AAE+AAW+MTQ:50'  
PCI++MARKS AND NUMBERS:FOR MATERIAL 1: OUR PONUMBER: PO\_123456'

SGP+PSUC0034569+400'  
 MEA+AAE+WT+KGM:20000'  
 GID+3+900:BG::6:BIG BAGS'  
 PIA+5+39023000:HS'  
 FTX+AAA+++MATERIAL 3'  
 FTX+AAA+++HS-NO 39023000'  
 MEA+AAE+WT+KGM:50000'  
 MEA+AAE+AAW+MTQ:50'  
 PCI++MARKS AND NUMBERS:FOR MATERIAL 1: OUR PONUMBER: PO\_123456'  
 SGP+OOHC9878224+400'  
 MEA+AAE+WT+KGM:20000'  
 EQD+CN+MSCU1234567+42G0:::40 Standard Dry+2'  
 SEL+090111+AC'  
 FTX+AGK+++EQUIPMENT COMMENTS, INFORMATION ONLY'  
 RFF+AHZ:CUSTOMS RELEASE NUMBER 1'  
 EQD+CN+PSUC0034569+42G0:::40 Standard Dry+2'  
 SEL+893432+AC'  
 FTX+AGK+++EQUIPMENT COMMENTS, INFORMATION ONLY'  
 RFF+AHZ:CUSTOMS RELEASE NUMBER 1'  
 EQD+CN+OOHC9878224+42G0:::40 Standard Dry+2'  
 SEL+978711+AC'  
 FTX+AGK+++EQUIPMENT COMMENTS, INFORMATION ONLY'  
 RFF+AHZ:CUSTOMS RELEASE NUMBER 1'  
 UNT+78+123456'  
 UNZ+1+0100'

#### E. Multiple Commodities, Single Container

UNB+UNOC:2+SENDER\_ID+INTTRA+040224:1300+0100'  
 UNH+123456+IFTMIN:D:99B:UN'  
 BGM+340+123456+9'  
 DTM+137:200405271930:203'  
 TSR+27+2'  
 FTX+AAI+++GENERAL SHIPPING INSTRUCTION COMMENTS'  
 FTX+AAI+++NON-PRINTABLE IN MOST CASES'  
 FTX+BLC+++SOLID WOOD PACKING MATERIALS'  
 FTX+BLC+++ONCARRIAGE TO LINDEN, NJ'  
 FTX+BLC++19+FREIGHT AS AGREED'  
 FTX+BLC++06'  
 CNT+7:50000:KGM'  
 CNT+11:900'  
 CNT+16:1'  
 LOC+57+DEBRE::6:BREMEN'  
 LOC+73+DEBRE::6:BREMEN'  
 DTM+95:20040204:102'  
 RFF+SI:SID\_NUMBER\_100'  
 RFF+BN:BOOKING\_NUMBER\_100'  
 RFF+ERN:ABC/UB/123456'  
 RFF+EX:EXPORT LICENSE'  
 CPI+4++P'  
 CPI+2++C'  
 TDT+20+010102+1++SCAC:172+++LLOYDS::11:VESSEL EXPRESS'  
 LOC+9+BEANR::6:ANTWERPEN'  
 LOC+11+USNYC::6:NEW YORK'  
 LOC+88+DEMAL::6:MARL'  
 LOC+7+USLDJ::6:LINDEN'  
 LOC+198+LOCATION\_ALIAS::86:CUSTOMER SPECIFIC SPELLING FOR CITY'  
 NAD+CA+CARRIER\_CODE:160:86'  
 NAD+HI+REQUESTOR\_CODE:160:86++REQUESTOR NAME'

CTA+IC+:REQUESTOR\_CONTACT'  
 COM+02131/9249211:TE'  
 COM+02131/9249520:FX'  
 DOC+706+:26++1'  
 DOC+707+:26++1'  
 NAD+CZ+++SHIPPER\_NAME+SHIPPER\_ADDRESS1:SHIPPER\_ADDRESS2'  
 NAD+OO'  
 NAD+N1+++ADDITIONAL\_NOTIFY+N1\_ADDRESS1:N1\_ADDRESS2'  
 GID+1+300:BG::6:BAG'  
 PIA+5+39023000:HS'  
 FTX+AAA+++MATERIAL 1'  
 FTX+AAA+++HS-NO 39023000'  
 MEA+AAE+WT+KGM:16667'  
 PCI++MARKS AND NUMBERS:FOR MATERIAL 1: OUR PONUMBER: PO\_123456'  
 SGP+MSCU1234567+300'  
 MEA+AAE+WT+KGM:16667'  
 GID+2+300:BX::6:BOX'  
 PIA+5+39023012:HS'  
 FTX+AAA+++MATERIAL 2'  
 FTX+AAA+++HS-NO 39023012'  
 MEA+AAE+WT+KGM:16667'  
 PCI++MARKS AND NUMBERS:FOR MATERIAL 2: OUR PONUMBER: PO\_123456'  
 SGP+MSCU1234567+300'  
 MEA+AAE+WT+KGM:16667'  
 GID+3+900:CT::6:CARTON'  
 PIA+5+39023033:HS'  
 FTX+AAA+++MATERIAL 3'  
 FTX+AAA+++HS-NO 39023033'  
 MEA+AAE+WT+KGM:16666'  
 PCI++MARKS AND NUMBERS:FOR MATERIAL 3: OUR PONUMBER: PO\_123456'  
 SGP+MSCU1234567+300'  
 MEA+AAE+WT+KGM:16666'  
 EQD+CN+MSCU1234567+42G0:::40 Standard Dry+2'  
 SEL+090111+AC'  
 FTX+AGK+++EQUIPMENT COMMENTS, INFORMATION ONLY'  
 RFF+AHZ:CUSTOMS RELEASE NUMBER 1'  
 UNT+67+123456'  
 UNZ+1+0100'

## F. Dangerous Goods

UNB+UNOC:2+SENDER\_ID+INTTRA+040224:1300+0200'  
 UNH+1234567+IFTMIN:D:99B:UN'  
 BGM+340+1234567+9'  
 DTM+137:200402241054:203'  
 TSR+30+2'  
 CNT+7:54415.9:KGM'  
 CNT+16:3'  
 LOC+57+DEBRE::6:BREMEN'  
 LOC+73+DEBRE::6:BREMEN'  
 RFF+BM:BL904050'  
 RFF+BN:BN102030'  
 RFF+ERN:9999999999'  
 RFF+SI:SI1234567'  
 CPI+1+P'  
 TDT+20+VN1001+1++SCAC:172+++:::VSL NAME'  
 LOC+9+DEHAM::6:HAMBURG'  
 LOC+11+VNsgn::6:HO CHI MINH CITY'  
 LOC+88+DEHAM::6:HAMBURG+DE'



LOC+7+VNSGN::6:HO CHI MINH CITY+VN'  
 NAD+CA+SCAC:160:86'  
 NAD+CZ+++SHIPPER'  
 NAD+HI+COMPANY ID:160:ZZZ++COMPANY NAME+COMPANY ADDRESS 1:COMPANY ADDRESS 2'  
 CTA+IC+:CONTACT NAME'  
 COM+0421 1111 2222:TE'  
 COM+first.last@domain.com:EM'  
 DOC+706+:26++3'  
 DOC+707+:26++10'  
 GID+1+1000:CI::6:CANISTER'  
 FTX+AAA+++MEDICAL EQUIPMENT'  
 FTX+AAA+++DANGEROUS GOODS'  
 FTX+AAA+++Flammable Liquid (ISOPROPANOL)'  
 FTX+AAA+++Marine Pollutant?: NO'  
 FTX+AAA+++Flashpoint 19 Grad Celsius'  
 MEA+AAE+WT+KGM:54415.9'  
 PCI++ABCD-1234567'  
 SGP+XXXX1676910+650'  
 MEA+AAE+WT+KGM:22070.5'  
 SGP+YYYY1277778+200'  
 MEA+AAE+WT+KGM:22771.3'  
 SGP+ZZZZ0180757+150'  
 MEA+AAE+WT+KGM:9574.1'  
 DGS+IMD+3+1993+019:CEL+2+000000'  
 FTX+AAC+++FLAMMABLE LIQUID'  
 FTX+AAD+++ISOPROPANOL'  
 FTX+HAZ+++ISOPROPANOL'  
 CTA+IC+:DGS\_CONTACT\_NAME'  
 COM+0421 1111 3333:TE'  
 EQD+CN+XXXX1676910+40GP'  
 MEA+AAE+WT+KGM:22070.5'  
 EQD+CN+YYYY1277778+40GP'  
 MEA+AAE+WT+KGM:22771.3'  
 EQD+CN+ZZZZ0180757+20GP'  
 MEA+AAE+WT+KGM:9574.1'  
 UNT+53+1234567'  
 UNZ+1+0200'

## G. Temperature Controlled Cargo

UNB+UNOC:2+SENDER\_ID+INTTRA+040224:1300+0200'  
 UNH+1234567+IFTMIN:D:99B:UN'  
 BGM+340+1234567+9'  
 DTM+137:200402241054:203'  
 TSR+30+2'  
 CNT+7:54415.9:KGM'  
 CNT+16:3'  
 LOC+57+DEBRE::6:BREMEN'  
 LOC+73+DEBRE::6:BREMEN'  
 RFF+BM:BL904050'  
 RFF+BN:BN102030'  
 RFF+ERN:9999999999'  
 RFF+SI:SI1234567'  
 CPI+1++P'  
 TDT+20+VN1001+1++SCAC:172+++::VSL NAME'  
 LOC+9+DEHAM::6:HAMBURG'  
 LOC+11+VNSGN::6:HO CHI MINH CITY'  
 LOC+88+DEHAM::6:HAMBURG+DE'  
 LOC+7+VNSGN::6:HO CHI MINH CITY+VN'

NAD+CA+SCAC:160:86'  
 NAD+CZ+++SHIPPER'  
 NAD+HI+COMPANY ID:160:ZZZ++COMPANY NAME+COMPANY ADDRESS 1: COMPANY ADDRESS 2'  
 CTA+IC+:CONTACT NAME'  
 COM+0421 1111 2222:TE'  
 COM+first.last@domain.com:EM'  
 DOC+706+:26++3'  
 DOC+707+:26++10'  
 GID+1+1000:CI::6:CANISTER'  
 FTX+AAA+++MEDICAL EQUIPMENT'  
 FTX+AAA+++NOT DANGEROUS GOODS'  
 FTX+AAA+++REFREGERATED EQUIPMENT IS REQUIRED'  
 MEA+AAE+WT+KGM:54415.9'  
 PCI++ABCD-1234567'  
 SGP+XXXX1676910+650'  
 MEA+AAE+WT+KGM:22070.5'  
 SGP+YYYY1277778+200'  
 MEA+AAE+WT+KGM:22771.3'  
 SGP+ZZZZ0180757+150'  
 MEA+AAE+WT+KGM:9574.1'  
 EQD+CN+XXXX1676910+22H0'  
 MEA+AAE+WT+KGM:22070.5'  
 TMP+2+999:CEL'  
 EQD+CN+YYYY1277778+22R1'  
 MEA+AAE+WT+KGM:22771.3'  
 TMP+2+-07.0:CEL'  
 EQD+CN+ZZZZ0180757+22R1'  
 MEA+AAE+WT+KGM:9574.1'  
 TMP+2+-005:CEL'  
 UNT+48+1234567'  
 UNZ+1+0200'

### **H. Introduction – GID Usage**

This Appendix describes the processing of the Goods Item Detail (GID) group of the INTTRA IFTMIN IG.

The Glossary defines terms used in subsequent sections.

The Association section describes INTTRA's interpretation of association between GID segments and the segments that describe the GID including:

PIA: Goods Classification (PIA)

FTX: 'AAA' - Goods Description

MEA: Measurements associated with the Goods (MEA),

RFF: References associated with the Goods

PCI: Marks and Numbers

SGP: Goods / Container relationships

MEA: Measurements associated with Goods in Containers

DGS: Dangerous Goods Details

The Rules section addresses the minimum requirements for valid GID constructs and the establishment of the mandatory relationship between Goods and Containers. Messages that do not conform to the rules established in this section will be failed by INTTRA. The section is followed by a series of examples, one set per rule, showing a legal structure and an illegal structure for that rule.

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 minimize disruption during the SI to BL cycle.

Note: Examples include trailing segment delimiters for illustrative purposes only.

## I. Glossary of Terms used in GID Discussion

Term	Definition
GID Set	<p>One or more GID Segments with the same Sequence Number. The three GID segments in Example 1 constitute a GID Set as do the 5 GID segments in Example 2. <b>Example 3 shows 2 distinct GID Sets.</b></p> <p>Example 1 – Single GID Set</p> <p>GID+1+20:CR::6:CRATE++ '  GID+1++100:CY::6:CYLINDER+ '  GID+1++100:FL::6:FLASK+</p> <p>Example 2 – Single GID Set</p> <p>GID+1+20:CR::6:CRATE++ '  GID+1++100:BX::6:BOX+ '  GID+1+++400:TU::6:TUBE '  GID+1++80:CH::6:CHEST+  GID+1+++160:TB::6:TUB '</p> <p><b>Example 3 – 2 GID Sets</b></p> <p>GID+1+20:CR::6:CRATE++ '  GID+1++100:BX::6:BOX+ '  GID+2+20:CR::6:CRATE++ '  GID+2++80:CH::6:CHEST+</p>
GID Line	<p>A single physical occurrence of a GID Segment regardless of GID Sequence Number.</p> <p>Example 1 above includes 3 GID Lines  Example 2 above includes 5 GID Lines  Example 3 above includes 4 GID Lines</p>
Outer GID	<p>A GID Line with the 1<sup>st</sup> C213 composite populated. Example 1 is an Outer GID as is Example 2. <b>Example 3 is not an Outer GID.</b></p> <p>Example 1: GID+1+20:CR::6:CRATE++ '  Example 2: GID+1+20:CR::6:CRATE+100:BX::6:BOX+ '  <b>Example 3: GID+1++100:BX::6:BOX+ '</b></p>
Outer SGP	<p>An SGP segment associated with a GID Line with the 1<sup>st</sup> C213 composite populated. Example 1 shows an Outer SGP as does Example 2. <b>Example 3 does not include an Outer SGP.</b></p> <p>Example 1:  GID+1+20:CR::6:CRATE++ '  SGP+TSTU1235156+20 '  Example 2:  GID+1+20:CR::6:CRATE+100:BX::6:BOX+ '  SGP+TSTU1235156+20 '  <b>Example 3:</b>  <b>GID+1++100:BX::6:BOX+ '</b>  <b>SGP+TSTU1235156+100 '</b></p>
Sub Item GID / Sub Item SGP	<p>A GID Line with the 1<sup>st</sup> C213 composite empty. Example 1 is a Sub Item GID as is Example 2. <b>Example 3 is not a Sub Item GID</b></p>

Term	Definition
	<p>Example 1: GID+1++100:CY::6:CYLINDER+'</p> <p>Example 2: GID+1++100:BX::6:BOX+400:TU::6:TUBE'</p> <p>Example 3: GID+1+20:CR::6:CRATE++'</p> <p>By extension, a Sub Item SGP is an SGP segment associated with a Sub Item GID Line.</p>
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, a single set of Marks and Numbers and a single set of DGS details.
Split Goods	A cargo item packed in more than one container within a shipment
GID Composite Diagram	<pre>  --leftmost--   -----   --rightmost-  GID+1+20:CR::6:CRATE+100:BX::6:BOX+180:TB::6:TUB'  ----outer---   ---inner---   inner-inner  </pre>
Outer Pack Composite	The first (leftmost) C213 Composite in the GID Segment.
Inner Pack Composite	The second (center) C213 Composite in the GID Segment.
Inner-Inner Pack Composite	The third (rightmost) C213 Composite in the GID Segment.
Leftmost Composite	The first populated C213 Composite reading a GID segment from the Left.
Rightmost Composite	The last populated C213 Composite reading a GID segment from the Left. NOTE: the same composite in a GID can be both the rightmost and the leftmost if only one composite in a GID is populated.

## J. Association of Detail Segments

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

## Association Examples

### Example A1 – As received by INTTRA from customer

```

GID+1+20:CR::6:CRATE+100:CY::6:CYLINDER+'
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'

```

PCI++CHICAGO IL US'  
SGP+TSTU1235156+10'  
MEA+AAE+WT+KGM:5500.000'

**Example A1 – As sent by INTTRA to Carrier after inbound from Customer is processed.**

```
GID+1+20:CR::6:CRATE++ '  
PIA+5+280421:HS '  
FTX+AAA+++ARGON GAS IN ALUMINUM - '  
FTX+AAA+++CYLINDERS. '  
MEA+AAE+WT+KGM:11000.000 '  
RFF+ON:3127884 RP '  
PCI++INERT GAS:IGW '  
PCI++CHICAGO IL US '  
SGP+TSTU1235156+10 '  
MEA+AAE+WT+KGM:5500.000 '  
GID+1++100:CY::6:CYLINDER+ '
```

In Example A1, the detail segments are associated with the outer composite (leftmost populated composite, '20:CR::6:CRATE'). The package count in the SGP segment is the count of Crates in the container, not the count of Cylinders. Similarly, the GID MEA segment describes the gross weight of the commodity, including the crates. Likewise, the SGP MEA segment describes the gross weight of the commodity, including the crates packed in container TSTU1235156. This is reflected in the example, A1 – Outbound Form. INTTRA will convert GIDs with multiple composites to a set of GID Lines, each with a single populated composite so that there is no ambiguity in the association of detail segments.

The Association logic dictates that to provide any details for inner packs, a Sub Item GID Line must be provided. To provide the number of inner packs (Cylinders, in the example above) in container TSTU1235156, the GID Set must be constructed as shown in Example A2 below.

**Example A2, GID MEA segments apply to the leftmost populated composite in the associated GID Line**

```
GID+1+20:CR::6:CRATE++ '  
PIA+5+280421:HS '  
FTX+AAA+++ARGON GAS IN ALUMINUM - '  
FTX+AAA+++CYLINDERS. '  
MEA+AAE+WT+KGM:11000.000 '  
RFF+ON:3127884 RP '  
PCI++INERT GAS:IGW '  
PCI++CHICAGO IL US '  
SGP+TSTU1235156+10 '  
MEA+AAE+WT+KGM:5500.000 '  
GID+1++100:CY::6:CYLINDER+ '  
SGP+TSTU1235156+50 '  
MEA+AAE+WT+KGM:5400.000 '
```

**K. Rules**

1. A new GID Sequence Number is required for every outer pack composite. The outer composite cannot be repeated within a GID set. See Example R1.
2. Every GID Set must include an outer pack composite. See Example R2
3. Every Container referenced in an EQD segment must also be referenced in at least one outer SGP. See Example R3.
4. A container may only be referenced once per GID Line within a GID Set. See Example R4.
5. Within a GID Set, SGP segments associated with a Sub Item GID cannot introduce a container that has not already been referenced in the SGP segments for the Outer GID. See Example R5.

Five sets of examples follow, 1 set per page.

## Rules Examples

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

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

R1 Legal:

```
GID+1+200:BE::6:BUNDLE++' -- First Outer Pack, BUNDLE
PIA+5+631010:HS'          GID Sequence 1
FTX+AAA+++COTTON RAGS '
MEA+AAE+WT+KGM:10000.000'
RFF+ON:3127884 RP'
PCI++RAGS 100% COTTON'
SGP+TSTU1235156+100'
MEA+AAE+WT+KGM:5500.000'
SGP+DUMU1235156+100'
MEA+AAE+WT+KGM:5500.000'
GID+2+400:SA::6:SACK++' -- Second Outer Pack, SACKS
PIA+5+631010:HS'          GID Sequence 2
FTX+AAA+++COTTON RAGS '
MEA+AAE+WT+KGM:6000.000'
RFF+ON:3127884 RP'
PCI++RAGS 100% COTTON'
SGP+TSTU1235156+200'
MEA+AAE+WT+KGM:3000.000'
SGP+DUMU1235156+200'
MEA+AAE+WT+KGM:3000.000'
```

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

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



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

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

R2 Legal:

```
GID+1+20:CT::6:CARTON++'      -- Outer Pack, Cartons
PIA+5+852721:HS'
FTX+AAA+++CONSUMER ELECTRONICS - '
FTX+AAA+++PERSONAL STEREOS'
MEA+AAE+WT+KGM:10500.000'
RFF+BN:BRE010123'
PCI++WALMART DC#004'
PCI++MADE IN CHINA'
SGP+TSTU1235156+10'          -- SGP, MEA Outer
MEA+AAE+WT+KGM:5250.000'
SGP+DUMU1235156+10'
MEA+AAE+WT+KGM:5250.000'
GID+1++200:BX::6:BOX+'      -- Inner Pack, Boxes
SGP+TSTU1235156+100'        -- SGP, MEA Inner
MEA+AAE+WT+KGM:5200.000'
SGP+DUMU1235156+100'
MEA+AAE+WT+KGM:5200.000'
```

R2 Illegal, No outer pack information provided:

```
GID+1++200:BX::6:BOX+'      -- Inner Pack, Boxes
PIA+5+852721:HS'
FTX+AAA+++CONSUMER ELECTRONICS - '
FTX+AAA+++PERSONAL STEREOS'
MEA+AAE+WT+KGM:10500.000'
RFF+BN:BRE010123'
PCI++WALMART DC#004'
PCI++MADE IN CHINA'
SGP+TSTU1235156+100'        -- SGP, MEA Inner
MEA+AAE+WT+KGM:5200.000'
SGP+DUMU1235156+100'
MEA+AAE+WT+KGM:5200.000'
```

**Example R3: Rule 3, Every Container referenced in an EQD segment must also be referenced in at least one outer SGP.**

Context: 1 Commodity, 1 Outer Package Type, 3 Containers

R3 Legal:

```
GID+1+60:CT::6:CARTON++'      -- Outer Pack, Cartons
PIA+5+852721:HS'
FTX+AAA+++CONSUMER ELECTRONICS - '
FTX+AAA+++PERSONAL STEREOS'
MEA+AAE+WT+KGM:15750.000'
RFF+BN:BRE010123'
PCI++WALMART DC#004'
PCI++MADE IN CHINA'
SGP+TSTU1235156+20'      -- SGP, TSTU1235156
MEA+AAE+WT+KGM:5250.000'
SGP+DUMU1235156+20'      -- SGP, DUMU1235156
MEA+AAE+WT+KGM:5250.000'
SGP+SMPU1235156+20'      -- SGP, SMPU1235156
MEA+AAE+WT+KGM:5250.000'
.
.
.
EQD+CN+TSTU1235156+20GP
.
EQD+CN+DUMU1235156+20GP
.
EQD+CN+SMPU1235156+20GP
.
UNT+n+xxx'
UNZ+n+xxx'
```

R3 Illegal, Un-associated EQD provided:

```
GID+1+60:CT::6:CARTON++'      -- Outer Pack, Cartons
PIA+5+852721:HS'
FTX+AAA+++CONSUMER ELECTRONICS - '
FTX+AAA+++PERSONAL STEREOS'
MEA+AAE+WT+KGM:15750.000'
RFF+BN:BRE010123'
PCI++WALMART DC#004'
PCI++MADE IN CHINA'
SGP+TSTU1235156+20'      -- SGP, TSTU1235156
MEA+AAE+WT+KGM:5250.000'
SGP+DUMU1235156+20'      -- SGP, DUMU1235156
MEA+AAE+WT+KGM:5250.000'
.
.
.
EQD+CN+TSTU1235156+20GP
.
EQD+CN+DUMU1235156+20GP
.
EQD+CN+SMPU1235156+20GP      -- EQD with no Corresponding SGP
.
UNT+n+xxx'
UNZ+n+xxx'
```

**Example R4: Rule 4, A Container may only be referenced once per GID Line within a GID Set.**

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

R4 Legal:

```
GID+1+20:CR::6:CRATE++'          -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+10'              -- TSTU1235156 10 Crates
MEA+AAE+WT+KGM:5500.000'
SGP+DUMU1235156+10'              -- DUMU1235156 10 Crates
MEA+AAE+WT+KGM:5500.000'
GID+1++100:CY::6:CYLINDER+'      -- Inner GID
SGP+TSTU1235156+50'              -- TSTU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
SGP+DUMU1235156+50'              -- DUMU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
```

R4 Illegal, Container referenced more than once for a single GID Line:

```
GID+1+20:CR::6:CRATE+100:CY::6:CYLINDER+'  -- Mixed GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+10'              -- TSTU1235156 10 Crates
MEA+AAE+WT+KGM:5500.000'
SGP+DUMU1235156+10'              -- DUMU1235156 10 Crates
MEA+AAE+WT+KGM:5500.000'
SGP+TSTU1235156+50'              -- TSTU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
SGP+DUMU1235156+50'              -- DUMU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
```

Example R5: Rule 5. Within a GID Set, SGP segments associated with a Sub Item GID cannot introduce a container that has not already been referenced in the SGP segments for the Outer GID.

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

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

R5 Legal:

```
GID+1+20:CR::6:CRATE++'          -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+10'              -- TSTU1235156 10 Crates
MEA+AAE+WT+KGM:5500.000'
SGP+DUMU1235156+10'              -- DUMU1235156 10 Crates
MEA+AAE+WT+KGM:5500.000'
GID+1++100:CY::6:CYLINDER+'      -- Inner GID
SGP+TSTU1235156+50'              -- TSTU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
SGP+DUMU1235156+50'              -- DUMU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
```

R5 Illegal, New container introduced within a Sub-Item SGP:

```
GID+1+20:CR::6:CRATE++'          -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+10'              -- TSTU1235156 10 Crates
MEA+AAE+WT+KGM:5500.000'
GID+1++100:CY::6:CYLINDER+'      -- Inner GID
SGP+TSTU1235156+50'              -- TSTU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
SGP+DUMU1235156+50'              -- DUMU1235156 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
```

## **L. Usage Conventions**

1. For split goods (i.e., a cargo item packed in more than one container within a shipment), an SGP segment should be provided for each level of packaging defined in the leftmost composite in the corresponding GID Line. The count of packages in the SGP will be taken to indicate the number of packages in the container for the corresponding packing level in the GID Line. See Example 1
2. Goods Description (FTX 'AAA'), Goods Classification (PIA), References related to the cargo item (RFF) and Marks and Numbers (PCI) should not vary within a GID Set. Only one set of cargo item details (FTX 'AAA', PIA, RFF and PCI) should be provided for a GID set. A GID should not encompass more than one 6 digit HS classification. See Example 2
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 as should the gross weight for the SGP associated with the Outer GID in a split goods circumstance. See Example 3.
4. Only one DGS classification should be associated with a cargo line item. Line items encompassing more than one DGS classification should be split. See example 4.

Four sets of examples follow, 1 set per page.

## Convention Examples

**Example C1: Convention 1, For Split Goods, an SGP segment should be provided for each level of packing defined in a GID Composite.**

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

C1 Conforming:

```
GID+1+20:CR::6:CRATE++'          -- Outer GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+10'          -- 1st Container 10 Crates
MEA+AAE+WT+KGM:5500.000'
SGP+DUMU1235156+10'          -- 2nd Container 10 Crates
MEA+AAE+WT+KGM:5500.000'
GID+1++100:CY::6:CYLINDER+'      -- Inner GID
SGP+TSTU1235156+50'          -- 1st Container 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
SGP+DUMU1235156+50'          -- 2nd Container 50 Cylinders
MEA+AAE+WT+KGM:5300.000'
```

C1 Non-Conforming, SGP information not provided for defined Inner pack:

```
GID+1+20:CR::6:CRATE+100:CY::6:CYLINDER+'-- Mixed GID
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+10'          -- 1st Container 10 Crates
MEA+AAE+WT+KGM:5500.000'
SGP+DUMU1235156+10'          -- 2nd Container 10 Crates
MEA+AAE+WT+KGM:5500.000'
```

Example C2: Convention 2, Goods Description, Goods Classification and Marks and Numbers should not vary within a GID Set.

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

C2 Conforming:

```
GID+1+20:CR::6:CRATE++'
PIA+5+280421:HS'          -- Single HS Code
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS.'      -- Single Goods Description
MEA+AAE+WT+KGM:11000.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'        -- Single Set of Marks and Numbers
PCI++CHICAGO IL US'
SGP+TSTU1235156+10'
MEA+AAE+WT+KGM:5500.000'
SGP+DUMU1235156+10'
MEA+AAE+WT+KGM:5500.000'
GID+1++100:CY::6:CYLINDER+'
SGP+TSTU1235156+50'
MEA+AAE+WT+KGM:5300.000'
SGP+DUMU1235156+50'
MEA+AAE+WT+KGM:5300.000'
```

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

```
GID+1+2:CR::6:CRATE++'
FTX+AAA+++DRILLING SUPPLIES'      -- Generic Commodity Description, No PIA
FTX+AAA+++PURCHASE ORDER '
FTX+AAA+++?: XX23-JAN04'
MEA+AAE+WT+KGM:11425.750'
RFF+BN:CN0104221'
PCI++DRILLING SUPPLIES '
PCI++UNREGULATED '
PCI++MADE IN CHINA '
SGP+DUMU1235156+2'
MEA+AAE+WT+KGM: 11425.750'
GID+1++10:BX::6:BOX+'
PIA+5+730421:HS'          -- First PIA
FTX+AAA+++DRILLING PIPES'      -- Specific Goods Description
MEA+AAE+WT+KGM:9000.000'
GID+1+20:CT::6:CARTON +'
PIA+5+851529:HS'          -- Second PIA
FTX+AAA+++WELDING RIGS'        -- Specific Goods Description
MEA+AAE+WT+KGM:2200.000'
```

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

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

C3 Conforming:

```
GID+1+20:CR::6:CRATES[ON 2 PALLETS]++' -- 'PALLET' In Package
PIA+5+280421:HS' Description
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS. '
FTX+AAA+++COMMODITY CODE ?: 28042100'
FTX+AAA+++PURCHASE ORDER ?: 3127884P'
MEA+AAE+WT+KGM:5500.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+20'
MEA+AAE+WT+KGM:5500.000'
```

C3 Non-Conforming, Pallet provided as Package Type:

```
GID+1+2:PX::6:PALLET+20:CR::6:CRATE+' -- PALLET as Package Type
PIA+5+280421:HS'
FTX+AAA+++ARGON GAS IN ALUMINUM - '
FTX+AAA+++CYLINDERS. '
FTX+AAA+++COMMODITY CODE ?: 28042100'
FTX+AAA+++PURCHASE ORDER ?: 3127884 RP'
MEA+AAE+WT+KGM:5500.000'
RFF+ON:3127884 RP'
PCI++INERT GAS:IGW'
PCI++CHICAGO IL US'
SGP+TSTU1235156+2'
MEA+AAE+WT+KGM:5500.000'
```



**Example C4: Convention 4, Only one DGS classification should be associated with a GID Set.**

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

C4 Conforming:

```
GID+1+20:DR::6:DRUM++'  
PIA+5+381111:HS'  
FTX+AAA+++ANTI-KNOCK ADDITIVE'          -- Specific Description  
FTX+AAA+++50 GALLON STEEL DRUMS'  
FTX+AAA+++COMMODITY CODE ?: 381111'  
FTX+AAA+++IMDG CLASS ?: M.N.1'  
FTX+AAA+++UN NUMBER ?: XXXX'  
FTX+AAA+++EXPLOSIVE'  
MEA+AAE+WT+KGM:11000.000'  
PCI++EXPLOSIVE:STORE IN:VENTILATED AREA'  
SGP+ABCU2341156+20'  
MEA+AAE+WT+KGM:11000.000'  
DGS+IMD+M.N.1:NNN+XXXX+110:FAH+2+EMS'    -- Single Set of DGS Details  
FTX+AAD+++PROPER SHIPPING NAME ONE'  
CTA+HG+:DGS CONTACT NAME'  
COM+703 123-4567:TE'
```

C4 Non-Conforming, Multiple DGS per GID Set:

```
GID+1+20:DR::6:DRUM++'  
PIA+5+381111:HS'  
FTX+AAA+++GASOLINE ADDITIVES'          -- Generic Description  
FTX+AAA+++50 GALLON STEEL DRUMS'  
FTX+AAA+++COMMODITY CODE ?: 381111'  
MEA+AAE+WT+KGM:11000.000'  
PCI++EXPLOSIVE:STORE IN: VENTILATED AREA'  
SGP+ABCU2341156+20'  
MEA+AAE+WT+KGM:11000.000'  
DGS+IMD+M.N.1:NNN+XXXX+110:FAH+2+EMS'    -- First Set of DGS Details  
FTX+AAD+++PROPER SHIPPING NAME ONE'  
CTA+HG+:DGS CONTACT NAME'  
COM+703 123-4567:TE'  
DGS+IMD+M.N.2:NNN+YYYY+115:FAH+2+EMS'    -- Second Set of DGS Details  
FTX+AAD+++PROPER SHIPPING NAME TWO'  
CTA+HG+:DGS CONTACT NAME'  
COM+703 123-4567:TE'
```

← --- Formatted: Bullets and Numbering

## **IX. Appendix 3 – Structure for Information Contact Parties**

### **M. Standard Information Contact Example**

NAD+HI+REQUESTOR\_ID:160:ZZZ++REQUESTOR\_NAME '  
CTA+IC+:REQUESTOR CONTACT '  
COM+requestor.email3@requestor\_address.com:EM '  
COM+001-111-222-3344:TE '

### **N. Message Recipient Contact Example**

NAD+MR '  
CTA+BN+:SI/BL DIFF NOTIFICATION '  
[COM+customer1.email1@customer\\_address.COM:EM '](#)  
[COM+customer2.email2@customer\\_address.COM:EM '](#)  
COM+customer3.email3@customer\_address.COM:EM '

### **O. BL Act Autosshare Contact Example**

NAD+PJ '  
CTA+NT+DU:WEB B/L NOTIFICATION '  
COM+customer2.email2@customer\_address.com:EM '  
CTA+NT+FR:WEB B/L NOTIFICATION '  
COM+customer3.email3@customer\_address.com:EM '

### **P. UCA Carrier Contact Example**

NAD+CA+IUCA:160:86++UCA CARRIER\_NAME '  
CTA+WI+:CARRIER\_CONTACT '  
COM+carrier1.email1@carrier\_address.com:EM '  
[COM+carrier2.email2@carrier\\_address.com:EM '](#)

## **X. Appendix 4 – Manifest Filing and Customs Regulation**

### **Q. Manifest Filing Examples**

This section provides samples of how Manifest Filing is sent in a direct shipment and consolidated shipment.

#### **Example A1: US Import With Manifest Filing Status SELF**

Country US, Filer Id, Tax Id and 10+2 Party Information

UNB+UNOC:2+CU2000:ZZZ+INTTRA:ZZZ+090602:0709+432013 '  
UNH+1+IFTMIN:D:99B:UN '  
BGM+340+3479092::000001+9 '  
DTM+137:200906020709:203 '  
TSR+30+2 '  
CUX+4:USD '  
MOA+44:3000 '  
FTX+AAI+++CY-CY FREIGHT PREPAID AT QINGDAO,CHINA '  
**FTX+CCI++MFS+1:US:SCAC '**  
CNT+7:20000:KGM '  
CNT+15:50:MTQ '  
CNT+11:900 '  
CNT+16:1 '  
LOC+73+USHOU::6:HOUSTON '  
DTM+95:20090512:102 '  
LOC+57+USHOU::6:HOUSTON '  
RFF+BN:558901292 '

RFF+BM:558901292'  
 RFF+LC:LC001'  
 DTM+182:20090510:102'  
 RFF+CT:R3097'  
 CPI+4++P'  
 TDT+20+0612+1++CA20:172+++::SOVEREIGN'  
 LOC+11+USHOU::6:HOUSTON'  
 LOC+7+USHOU::6:HOUSTON'  
 LOC+9+CNTAO::6:QINGDAO,CHINA'  
 LOC+88+CNTAO::6:QINGDAO,CHINA'  
 NAD+CZ+CU2100:160:87++SHIPPER NAME'  
 RFF+GN:3987NY469812345'  
 NAD+CN+++CONSIGNEE NAME+1234 MAPLE AVENUE:HOUSTON TX+++06789'  
 DOC+706+:26++3'  
 NAD+HI+CU2000:160:87++REQUESTOR NAME'  
 CTA+IC+:REQUESTOR CONTACT'  
 COM+name.lastname@inttra.com:EM'  
 NAD+NI+++MAIN NOTIFY NAME+4900 GREEN STREET:HOUSTON TX+++06734'  
 NAD+CA+CA20:160:87'  
 NAD+EX+++EXPORTER NAME+1005 STREET NAME:QINGDAO,CHINA'  
 NAD+GO+++GOODS OWNER NAME+A23 APPLE AVENUE:DALLAS,TX'  
 NAD+ST+++SHIP TO NAME+1234 MAPLE AVENUE:HOUSTON TX'  
 NAD+SU+++SUPPLIER NAME+4 STREET NAME:JIAN,CHINA'  
 NAD+CS+++CONSOLIDATOR NAME+435 STREE:QINGDAO,CHINA'  
 NAD+IM+++IMPORTER NAME+30 SAMPSON DRIVE:AUSTIN TX'  
 GID+1+900:CT::6:Carton(s)'  
 PIA+5+123456:HS'  
 FTX+AAA+++GARLIC'  
 MEA+AAE+WT+KGM:20000'  
 MEA+AAE+AAW+MTQ:50'  
 RFF+ON:PO001'  
 PCI++MARKS AND NUMBERS'  
 SGP+PONU8574121+500'  
 MEA+AAE+WT+KGM:20000'  
 MEA+AAE+AAW+MTQ:50'  
 EQD+CN+PONU8574121+42G0:::40 Standard Dry+2'  
 MEA+AAE+WT+KGM:11111.111'  
 MEA+AAE+AAW+MTQ:27.778'  
 SEL+CN7851241+CA'  
 FTX+AGK+++Handle with care'  
 RFF+AHZ:REL001'  
 UNT+51+1'  
 UNZ+1+432013'

#### Example A2: US Import With Manifest Filing Status CARRIER

Country US, Tax Id and 10+2 Party Information

UNB+UNOC:2+CU2000:ZZZ+INTTRA:ZZZ+090602:0709+432013'  
 UNH+1+IFTMIN:D:99B:UN'  
 BGM+340+3479092::000001+9'  
 DTM+137:200906020709:203'  
 TSR+30+2'  
 CUX+4:USD'  
 MOA+44:3000'  
 FTX+AAI+++CY-CY FREIGHT PREPAID AT QINGDAO,CHINA'  
 FTX+CCI++MFS+5:US'  
 CNT+7:20000:KGM'  
 CNT+15:50:MTQ'

CNT+11:900'  
 CNT+16:1'  
 LOC+73+USHOU::6:HOUSTON'  
 DTM+95:20090512:102'  
 LOC+57+USHOU::6:HOUSTON'  
 RFF+BN:558901292'  
 RFF+BM:558901292'  
 RFF+LC:LC001'  
 DTM+182:20090510:102'  
 RFF+CT:R3097'  
 CPI+4++P'  
 TDT+20+0612+1++CA20:172++++::SOVEREIGN'  
 LOC+11+USHOU::6:HOUSTON'  
 LOC+7+USHOU::6:HOUSTON'  
 LOC+9+CNTAO::6:QINGDAO,CHINA'  
 LOC+88+CNTAO::6:QINGDAO,CHINA'  
 NAD+CZ+CU2100:160:87++SHIPPER NAME'  
 RFF+GN:3987NY469812345'  
 NAD+CN+++CONSIGNEE NAME+1234 MAPLE AVENUE:HOUSTON TX+++06789'  
 DOC+706+:26++3'  
 NAD+HI+CU2000:160:87++REQUESTOR NAME'  
 CTA+IC+:REQUESTOR CONTACT'  
 COM+name.lastname@inttra.com:EM'  
 NAD+NI+++MAIN NOTIFY NAME+4900 GREEN STREET:HOUSTON TX+++06734'  
 NAD+CA+CA20:160:87'  
 NAD+EX+++EXPORTER NAME+1005 STREET NAME:QINGDAO,CHINA'  
 NAD+GO+++GOODS OWNER NAME+A23 APPLE AVENUE:DALLAS,TX'  
 NAD+ST+++SHIP TO NAME+1234 MAPLE AVENUE:HOUSTON TX'  
 NAD+SU+++SUPPLIER NAME+4 STREET NAME:JIAN,CHINA'  
 NAD+CS+++CONSOLIDATOR NAME+435 STREE:QINGDAO,CHINA'  
 NAD+IM+++IMPORTER NAME+30 SAMPSON DRIVE:AUSTIN TX'  
 GID+1+900:CT::6:Carton(s)'  
 PIA+5+123456:HS'  
 FTX+AAA+++GARLIC'  
 MEA+AAE+WT+KGM:20000'  
 MEA+AAE+AAW+MTQ:50'  
 RFF+ON:PO001'  
 PCI++MARKS AND NUMBERS'  
 SGP+PONU8574121+500'  
 MEA+AAE+WT+KGM:20000'  
 MEA+AAE+AAW+MTQ:50'  
 EQD+CN+PONU8574121+42G0:::40 Standard Dry+2'  
 MEA+AAE+WT+KGM:11111.111'  
 MEA+AAE+AAW+MTQ:27.778'  
 SEL+CN7851241+CA'  
 FTX+AGK+++Handle with care'  
 RFF+AHZ:REL001'  
 UNT+51+1'  
 UNZ+1+432013'

### Example A3: US Import Consolidation Shipment with Manifest Filing Status SELF

Tax Id(Requestor), GID level Filing Status SELF, Country US, Filer Id, House Bill numbers and Stuffing Location

UNB+UNOC:2+CU2000:ZZZ+INTTRA:ZZZ+090602:0709+432013'  
 UNH+1+IFTMIN:D:99B:UN'  
 BGM+340+3479092::000001+9'  
 DTM+137:200906020709:203'

TSR+30+2'  
 CUX+4:USD'  
 MOA+44:3000'  
 FTX+AAI+++CY-CY FREIGHT PREPAID AT QINGDAO,CHINA'  
 FTX+DOC++SMI'  
 CNT+7:20000:KGM'  
 CNT+15:50:MTQ'  
 CNT+11:900'  
 CNT+16:1'  
 LOC+73+USHOU::6:HOUSTON'  
 DTM+95:20090512:102'  
 LOC+57+USHOU::6:HOUSTON'  
 RFF+BN:558901292'  
 RFF+BM:558901292'  
 RFF+LC:LC001'  
 DTM+182:20090510:102'  
 RFF+CT:R3097'  
 CPI+4++P'  
 TDT+20+0612+1++CA20:172++++::SOVEREIGN'  
 LOC+11+USHOU::6:HOUSTON'  
 LOC+7+USHOU::6:HOUSTON'  
 LOC+9+CNTAO::6:QINGDAO,CHINA'  
 LOC+88+CNTAO::6:QINGDAO,CHINA'  
 NAD+CZ+CU2100:160:87++SHIPPER NAME'  
 NAD+CN+++CONSIGNEE NAME+1234 MAPLE AVENUE:HOUSTON TX+++06789'  
 DOC+706++26++3'  
 NAD+HI+CU2000:160:87++REQUESTOR NAME'  
 CTA+IC+:REQUESTOR CONTACT'  
 COM+name.lastname@inttra.com:EM'  
 RFF+GN:3987NY4698123'  
 NAD+NI+++MAIN NOTIFY NAME+4900 GREEN STREET:HOUSTON TX+++06734'  
 NAD+CA+CA20:160:87'  
 GID+1+900:CT::6:Carton(s)'  
 PIA+5+123456:HS'  
 FTX+CCI++MFS+1:US:SCAC'  
 FTX+AAAA++GARLIC'  
 NAD+OS+++ORIGINAL SHIPPER NAME+4987 STREET:JIAN,CHINA'  
 NAD+UC+++ULTIMATE CONSIGNEE NAME+2000 CHERRY STREET:DALLAS,TX'  
 MEA+AAE+WT+KGM:10000'  
 MEA+AAE+AAW+MTQ:25'  
 RFF+BH:HOUSE 0023'  
 PCI++MARKS AND NUMBERS'  
 SGP+PONU8574121+250'  
 MEA+AAE+WT+KGM:10000'  
 MEA+AAE+AAW+MTQ:25'  
 GID+1+450:CT::6:Carton(s)'  
 PIA+5+123456:HS'  
 FTX+CCI++MFS+1:US:SCAC'  
 FTX+AAAA++ONIONS'  
 NAD+OS+++ORIGINAL SHIPPER NAME 2+34 STREET:JIAN,CHINA'  
 NAD+UC+++ULTIMATE CONSIGNEE NAME+2000 CHERRY STREET:DALLAS,TX'  
 MEA+AAE+WT+KGM:10000'  
 MEA+AAE+AAW+MTQ:25'  
 RFF+BH:HOUSE 1223'  
 PCI++MARKS AND NUMBERS'  
 SGP+PONU8574121+250'  
 MEA+AAE+WT+KGM:10000'  
 MEA+AAE+AAW+MTQ:25'  
 EQD+CN+PONU8574121+42G0:::40 Standard Dry+2'  
 MEA+AAE+WT+KGM:11111.111'

MEA+AAE+AAW+MTQ:27.778'  
 SEL+CN7851241+CA'  
 FTX+AGK+++Handle with care'  
 RFF+AHZ:REL001'  
 NAD+CS+USHOU:263:6+++HOUSTON+++US'  
 UNT+75+1'  
 UNZ+1+432013'

## R. SISCARGA Examples

### Example B1: Brazil Import US Export

ITN number for US Exports and SISCARGA information for Brazil Imports, Tax Id number and Country Code of Consignee address, Commodity NCM number and Container Tare weight.

UNB+UNOC:2+CU2000:ZZZ+INTTRA:ZZZ+090604:1841+432044'  
 UNH+1+IFTMIN:D:99B:UN'  
 BGM+340+SI\_0011::000001+9'  
 DTM+137:200906041841:203'  
 TSR+30+2'  
 CUX+4:USD'  
 MOA+44:3000'  
 FTX+AAI+++CY-CY FREIGHT PREPAID AT NEW YORK'  
 CNT+7:20000:KGM'  
 CNT+15:50:MTQ'  
 CNT+11:900'  
 CNT+16:1'  
 LOC+73+BRQCF::6:BIRIGUI'  
 DTM+95:20090512:102'  
 LOC+57+BRQCF::6:BIRIGUI'  
 RFF+BN:558901292'  
 RFF+BM:558901292'  
 RFF+LC:LC001'  
 DTM+182:20090510:102'  
 RFF+CT:R3097'  
 RFF+TN:3847004'  
 CPI+4++P'  
 TDT+20+0612+1++CA20:172++++::SOVEREIGN'  
 LOC+11+BRQCF::6:BIRIGUI+BR'  
 LOC+7+BRTHE::6:TERESINA+BR'  
 LOC+9+USNYC::6:NEW YORK+US'  
 LOC+88+USALB::6:ALBANY+US'  
 NAD+CN+CU2200:160:86++CONSIGNEE NAME+ADDRESS1:CITY++++BR'  
 RFF+GN:3987NY469'  
 NAD+CA+CA20:160:86'  
 NAD+NI+++SAME AS CONSIGNEE'  
 DOC+706+:26++3'  
 NAD+HI+CU2000:160:86++REQUESTOR NAME'  
 CTA+IC+:REQUESTOR CONTACT'  
 COM+first.last@inttra.COM:EM'  
 NAD+CZ+++SHIPPER NAME+ADDRESS'  
 GID+1+7:FW::6:CART FLAT BED'  
 PIA+5+851520:HS'  
 FTX+AAA+++COMMODITY DESCRIPTION 1'  
 MEA+AAE+WT+KGM:1000.123'  
 MEA+AAE+AAW+MTQ:1500.1234'  
 RFF+ABT:34534534'  
 PCI++N/M'

SGP+PONU8574121+500'  
MEA+AAE+WT+KGM:20000'  
MEA+AAE+AAW+MTQ:50'  
EQD+CN+PONU8574121+42G1::STANDARD DRY+1'  
MEA+AAE+WT+KGM:24552.444'  
MEA+AAE+AAW+MTQ:550.1234'  
**MEA+AAE+T+KGM:50'**  
UNT+50+1'  
UNZ+1+432044'

**Example B2: US Import Brazil Export, Manifest Filing Status Carrier**

Country US, Tax Id(Requestor)for US Import. Tax Id (Shipper), Commodity NCM number, Export Declaration type, Customs house broker reference and Container Tare weight for Brazil Export.

UNB+UNOC:2+CU2000:ZZZ+INTTRA:ZZZ+090602:2144+432022'  
UNH+1+IFTMIN:D:99B:UN'  
BGM+340+SI\_0011::000001+9'  
DTM+137:200906022144:203'  
TSR+30+2'  
CUX+4:USD'  
MOA+44:3000'  
FTX+AAI+++CY-CY FREIGHT PREPAID AT BIRIGUI'  
**FTX+CCI++MFS+5:US'**  
CNT+7:20000:KGM'  
CNT+15:50:MTQ'  
CNT+11:900'  
CNT+16:1'  
LOC+73+USNYC::6:NEW YORK'  
DTM+95:20090605:102'  
LOC+57+USNYC::6:NEW YORK'  
RFF+BN:558901292'  
RFF+BM:558901292'  
RFF+LC:LC001'  
DTM+182:20090510:102'  
RFF+CT:R3097'  
CPI+4++P'  
TDT+20+0612+1++CA20:172++++::SOVEREIGN'  
LOC+11+USNYC::6:NEW YORK+US'  
LOC+7+USYON::6:YONKERS+US'  
LOC+9+BRQCF::6:BIRIGUI+BR'  
LOC+88+BRTHE::6:TERESINA+BR'  
NAD+CZ+CU2100:160:86++SHIPPER NAME+ADDRES 1:ADDRESS2'  
**RFF+GN:BR0078'**  
NAD+NI+++MAIN NOTIFY PARTY NAME+ADDRESS:CITY STATE:ZIP+++08002'  
DOC+706+:26++3'  
NAD+HI+CU2000:160:86++REQUESTOR NAME'  
CTA+IC+:WANG YAN PING'  
COM+first.last@inttra.COM:EM'  
**RFF+GN:US999870'**  
NAD+CN+CU2200:160:86++CONSIGNEE NAME+ADDRESS:CITY STATE:ZIP+++08823+US'  
NAD+IM+++IMPORTER NAME+ADDRESS:CITY STATE:ZIP+++08823+US'  
**RFF+GN:8867599BR2'**  
NAD+CA+CA20:160:86'  
GID+1+7:FW::6:CART FLAT BED'  
PIA+5+851520:HS'  
FTX+AAA+++COMMODITY DESCRIPTION 1'  
MEA+AAE+WT+KGM:1000.123'  
MEA+AAE+AAW+MTQ:1500.1234'  
**RFF+ABT:345345'**

RFF+ED:DE '  
 RFF+ADU:400DDE '  
 PCI++N/M '  
 SGP+PONU8574121+500 '  
 MEA+AAE+WT+KGM:20000 '  
 MEA+AAE+AAW+MTQ:50 '  
 EQD+CN+PONU8574121+42G1::STANDARD DRY+1 '  
 MEA+AAE+WT+KGM:24552.444 '  
 MEA+AAE+AAW+MTQ:550.1234 '  
 MEA+AAE+T+KGM:50 '  
 UNT+53+1 '  
 UNZ+1+432022 '

## S. Canadian Imports

### Example C1: Canadian Import with Manifest Filing Status SELF

UNB+UNOC:2+CU2000:ZZZ+INTTRA:ZZZ+090602:2144+432022 '  
 UNH+1+IFTMIN:D:99B:UN '  
 BGM+340+3479153::000001+9 '  
 DTM+137:200906022144:203 '  
 TSR+30+2 '  
 CUX+4:USD '  
 MOA+44:3000 '  
 FTX+AAI+++CY-CY FREIGHT PREPAID AT QINGDAO '  
 FTX+CCI++MFS+5:CA:SCAC '  
 CNT+7:20000:KGM '  
 CNT+15:50:MTQ '  
 CNT+11:900 '  
 CNT+16:1 '  
 LOC+73+CATOR::6:TORONTO '  
 DTM+95:20090605:102 '  
 LOC+57+CATOR::6:TORONTO '  
 RFF+BN:558901292 '  
 RFF+BM:558901292 '  
 RFF+LC:LC001 '  
 DTM+182:20090510:102 '  
 RFF+CT:R3097 '  
 CPI+4++P '  
 TDT+20+0612+1++CA20:172++++::SOVEREIGN '  
 LOC+11+CATOR::6:TORONTO+CA '  
 LOC+7+CAOTT::6:OTTAWA+CA '  
 LOC+9+CNTAO::6:QINGDAO,CHINA '  
 LOC+88+CNTAO::6:QINGDAO,CHINA '  
 NAD+CZ+CU2100:160:87++SHIPPER NAME '  
 NAD+NI+++MAIN NOTIFY PARTY NAME+ADDRESS:CITY STATE:ZIP+++08002 '  
 DOC+706+:26++3 '  
 NAD+HI+CU2000:160:87++REQUESTOR NAME '  
 CTA+IC+:WANG YAN PING '  
 COM+first.last@inttra.COM:EM '  
 NAD+CN+CU2200:160:87++CONSIGNEE NAME+ADDRESS:CITY+++KOA 3C7+CA '  
 NAD+CA+CA20:160:87 '  
 GID+1+7:FW::6:CART FLAT BED '  
 PIA+5+851520:HS '  
 FTX+AAA+++COMMODITY DESCRIPTION 1 '  
 MEA+AAE+WT+KGM:1000.123 '  
 MEA+AAE+AAW+MTQ:1500.1234 '  
 PCI++N/M '



SGP+PONU8574121+500'  
 MEA+AAE+WT+KGM:20000'  
 MEA+AAE+AAW+MTQ:50'  
 EQD+CN+PONU8574121+42G1:::STANDARD DRY+1'  
 MEA+AAE+WT+KGM:24552.444'  
 MEA+AAE+AAW+MTQ:550.1234'  
 UNT+48+1'  
 UNZ+1+432022'

## T. Unstructured Addresses

### Example D1: US Export with Structured and Unstructured Addresses

UNB+UNOC:2+INTTRA:ZZZ+CA2000:ZZZ+090603:0943+432031'  
 UNH+1+IFTMIN:D:99B:UN'  
 BGM+340:::SI LINK+3479215:1.5.1:000001+9'  
 DTM+137:200906030943:203'  
 RFF+BN:01\_LTO001\_02'  
 RFF+TN:HDRITN'  
 RFF+GN:FMC 3099'  
 CPI+4++P'  
 TDT+20+0612+1++CA20:172+++:::SOVEREIGN'  
 LOC+11+ITGOA::6:GENOA(GENOVA),ITALY'  
 LOC+9+USNYC::6:NEW YORK'  
 NAD+CZ+CU2200:160:86+structured address1:structured address2+SHIPPER  
 NAME:ADDITIONAL SHIPPER NAME+SHIPPER ADDRESS1:SHIPPER ADDRESS2:SHIPPER  
 ADDRESS3:SHIPPER ADDRESS4+CITY+NY+09008+US'  
 NAD+CN+CU2200:160:86++CONSIGNEE NAME+CONSIGNEE ADDRESS+CITY+++IT'  
 NAD+ST+CU2200:160:86++SHIP TO NAME+SHIP TO ADDRESS LINE 1:SHIP TO ADDRESS LINE  
 2+GENOA++G07 589+IT'  
 NAD+CA+CA20:160:86++CARRIER NAME'  
 NAD+HI+CU2000:160:86++REQUESTOR NAME+REQUESTOR ADDRESS:CITY STATE ZIP:COUNTRY'  
 CTA+IC+:REQUESTOR CONTACT NAME'  
 COM+first.last@inttra.com:EM'  
 NAD+SU+CU2200:160:86++SUPPLIER NAME+SUPPLIER ADDRESS1:SUPPLIER  
 ADDRESS2:SUPPLIER ADDRESS3:SUPPLIER ADDRESS4+CITY NAME+NY+09254+US'  
 GID+1+900:CT::6:Carton(s)'  
 PIA+5+550310:HS'  
 PCI++N/M'  
 SGP+PONU8574121+500'  
 EQD+CN+PONU8574121+22G0:::20 Standard Dry+2'  
 UNT+24+1'  
 UNZ+1+432031'