

EDIFACT IFTMBF D96B (Booking Request) Implementation Guide

Version: 6.0

Company:

CargoSmart Limited

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IFTMBF Firm booking message

Message Status=2

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

Heading:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Statu</u> <u>s</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|------------|------------|--------------------------------|--------------------------|------------|--------------|--------------|-------------|
| | UNB | INTERCHANGE HEADER | M | 1 | | Must use | 7 |
| | UNG | FUNCTIONAL GROUP HEADER | C | 1 | | Used | 10 |
| 0010 | UNH | MESSAGE HEADER | M | 1 | N1/0010 | Must use | 13 |
| 0020 | BGM | BEGINNING OF MESSAGE | M | 1 | N1/0020 | Must use | 15 |
| * 0030 | CTA | CONTACT INFORMATION | C | 1 | N1/0030 | Not Used | N/A |
| * 0040 | COM | COMMUNICATION CONTACT | C | 9 | N1/0040 | Not Used | N/A |
| 0050 | DTM | DATE/TIME/PERIOD | C | 9 | N1/0050 | Must use | 17 |
| 0060 | TSR | TRANSPORT SERVICE REQUIREMENTS | C | 9 | N1/0060 | Must use | 18 |
| * 0070 | MOA | MONETARY AMOUNT | C | 9 | N1/0070 | Not Used | N/A |
| 0080 | FTX | FREE TEXT | C | 99 | N1/0080 | Used | 20 |
| * 0090 | CNT | CONTROL TOTAL | C | 9 | N1/0090 | Not Used | N/A |

Detail:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Statu</u> <u>s</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|---------------|------------|--------------------------------|--------------------------|------------|----------------|-----------------|-------------|
| * 0100 | | Segment Group 1 | C | 99 | N2/0100 | Not used | N/A |
| * 0110 | LOC | PLACE/LOCATION IDENTIFICATION | M | 1 | N2/0110 | Not Used | N/A |
| * 0120 | DTM | DATE/TIME/PERIOD | C | 9 | N2/0120 | Not Used | N/A |
| * 0130 | | Segment Group 2 | C | 2 | N2/0130 | Not used | N/A |
| * 0140 | TOD | TERMS OF DELIVERY OR TRANSPORT | M | 1 | N2/0140 | Not Used | N/A |
| * 0150 | LOC | PLACE/LOCATION IDENTIFICATION | C | 9 | N2/0150 | Not Used | N/A |
| 0160 | | Segment Group 3 | C | 99 | N2/0160 | Must use | 22 |
| 0170 | RFF | REFERENCE | M | 1 | N2/0170 | Must use | 23 |
| * 0180 | DTM | DATE/TIME/PERIOD | C | 9 | N2/0180 | Not Used | N/A |
| * 0190 | | Segment Group 4 | C | 9 | N2/0190 | Not used | N/A |
| * 0200 | GOR | GOVERNMENTAL REQUIREMENTS | M | 1 | N2/0200 | Not Used | N/A |
| * 0210 | FTX | FREE TEXT | C | 9 | N2/0210 | Not Used | N/A |
| * 0220 | | Segment Group 5 | C | 9 | N2/0220 | Not used | N/A |
| * 0230 | DOC | DOCUMENT/MESSAGE DETAILS | M | 1 | N2/0230 | Not Used | N/A |
| * 0240 | DTM | DATE/TIME/PERIOD | C | 1 | N2/0240 | Not Used | N/A |
| * 0250 | | Segment Group 6 | C | 99 | N2/0250 | Not used | N/A |
| * 0260 | TCC | TRANSPORT CHARGE/RATE | M | 1 | N2/0260 | Not Used | N/A |

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|---------------|------------|--------------------------------|---------------|------------|----------------|-----------------|-------------|
| | | CALCULATIONS | | | | | |
| * 0270 | LOC | PLACE/LOCATION IDENTIFICATION | C | 1 | N2/0270 | Not Used | N/A |
| * 0280 | FTX | FREE TEXT | C | 1 | N2/0280 | Not Used | N/A |
| * 0290 | CUX | CURRENCIES | C | 1 | N2/0290 | Not Used | N/A |
| * 0300 | PRI | PRICE DETAILS | C | 1 | N2/0300 | Not Used | N/A |
| * 0310 | EQN | NUMBER OF UNITS | C | 1 | N2/0310 | Not Used | N/A |
| * 0320 | PCD | PERCENTAGE DETAILS | C | 1 | N2/0320 | Not Used | N/A |
| * 0330 | MOA | MONETARY AMOUNT | C | 9 | N2/0330 | Not Used | N/A |
| * 0340 | QTY | QUANTITY | C | 9 | N2/0340 | Not Used | N/A |
| 0350 | | Segment Group 7 | C | 99 | N2/0350 | Must use | 25 |
| 0360 | TDT | DETAILS OF TRANSPORT | M | 1 | N2/0360 | Must use | 26 |
| * 0370 | DTM | DATE/TIME/PERIOD | C | 9 | N2/0370 | Not Used | N/A |
| * 0380 | TSR | TRANSPORT SERVICE REQUIREMENTS | C | 9 | N2/0380 | Not Used | N/A |
| 0390 | | Segment Group 8 | C | 99 | N2/0390 | Must use | 29 |
| 0400 | LOC | PLACE/LOCATION IDENTIFICATION | M | 1 | N2/0400 | Must use | 30 |
| 0410 | DTM | DATE/TIME/PERIOD | C | 1 | N2/0410 | Used | 33 |
| * 0420 | | Segment Group 9 | C | 9 | N2/0420 | Not used | N/A |
| * 0430 | RFF | REFERENCE | M | 1 | N2/0430 | Not Used | N/A |
| * 0440 | DTM | DATE/TIME/PERIOD | C | 1 | N2/0440 | Not Used | N/A |
| 0450 | | Segment Group 10 | C | 99 | N2/0450 | Must use | 34 |
| 0460 | NAD | NAME AND ADDRESS | M | 1 | N2/0460 | Must use | 35 |
| * 0470 | LOC | PLACE/LOCATION IDENTIFICATION | C | 9 | N2/0470 | Not Used | N/A |
| 0480 | | Segment Group 11 | C | 9 | N2/0480 | Used | 38 |
| 0490 | CTA | CONTACT INFORMATION | M | 1 | N2/0490 | Must use | 39 |
| 0500 | COM | COMMUNICATION CONTACT | C | 9 | N2/0500 | Used | 40 |
| * 0510 | | Segment Group 12 | C | 9 | N2/0510 | Not used | N/A |
| * 0520 | DOC | DOCUMENT/MESSAGE DETAILS | M | 1 | N2/0520 | Not Used | N/A |
| * 0530 | DTM | DATE/TIME/PERIOD | C | 1 | N2/0530 | Not Used | N/A |
| * 0540 | | Segment Group 13 | C | 9 | N2/0540 | Not used | N/A |
| * 0550 | RFF | REFERENCE | M | 1 | N2/0550 | Not Used | N/A |
| * 0560 | DTM | DATE/TIME/PERIOD | C | 9 | N2/0560 | Not Used | N/A |
| * 0570 | | Segment Group 14 | C | 9 | N2/0570 | Not used | N/A |
| * 0580 | CPI | CHARGE PAYMENT INSTRUCTIONS | M | 1 | N2/0580 | Not Used | N/A |
| * 0590 | RFF | REFERENCE | C | 99 | N2/0590 | Not Used | N/A |
| * 0600 | CUX | CURRENCIES | C | 1 | N2/0600 | Not Used | N/A |
| * 0610 | LOC | PLACE/LOCATION IDENTIFICATION | C | 9 | N2/0610 | Not Used | N/A |
| * 0620 | MOA | MONETARY AMOUNT | C | 9 | N2/0620 | Not Used | N/A |
| * 0630 | | Segment Group 15 | C | 99 | N2/0630 | Not used | N/A |

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Statu</u> <u>s</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|---------------|------------|--------------------------------|--------------------------|------------|----------------|-----------------|-------------|
| * 0640 | TSR | TRANSPORT SERVICE REQUIREMENTS | M | 1 | N2/0640 | Not Used | N/A |
| * 0650 | RFF | REFERENCE | C | 1 | N2/0650 | Not Used | N/A |
| * 0660 | LOC | PLACE/LOCATION IDENTIFICATION | C | 1 | N2/0660 | Not Used | N/A |
| * 0670 | TPL | TRANSPORT PLACEMENT | C | 1 | N2/0670 | Not Used | N/A |
| * 0680 | FTX | FREE TEXT | C | 9 | N2/0680 | Not Used | N/A |
| 0690 | | Segment Group 16 | C | 999 | N2/0690 | Must use | 41 |
| 0700 | GID | GOODS ITEM DETAILS | M | 1 | N2/0700 | Must use | 42 |
| 0710 | HAN | HANDLING INSTRUCTIONS | C | 1 | N2/0710 | Used | 46 |
| 0720 | TMP | TEMPERATURE | C | 1 | N2/0720 | Used | 48 |
| * 0730 | RNG | RANGE DETAILS | C | 1 | N2/0730 | Not Used | N/A |
| * 0740 | TMD | TRANSPORT MOVEMENT DETAILS | C | 1 | N2/0740 | Not Used | N/A |
| * 0750 | LOC | PLACE/LOCATION IDENTIFICATION | C | 9 | N2/0750 | Not Used | N/A |
| * 0760 | MOA | MONETARY AMOUNT | C | 9 | N2/0760 | Not Used | N/A |
| * 0770 | PIA | ADDITIONAL PRODUCT ID | C | 9 | N2/0770 | Not Used | N/A |
| 0780 | FTX | FREE TEXT | C | 9 | N2/0780 | Must use | 49 |
| * 0790 | | Segment Group 17 | C | 9 | N2/0790 | Not used | N/A |
| * 0800 | NAD | NAME AND ADDRESS | M | 1 | N2/0800 | Not Used | N/A |
| * 0810 | DTM | DATE/TIME/PERIOD | C | 1 | N2/0810 | Not Used | N/A |
| 0820 | GDS | NATURE OF CARGO | C | 1 | N2/0820 | Must use | 52 |
| 0830 | | Segment Group 18 | C | 99 | N2/0830 | Must use | 53 |
| 0840 | MEA | MEASUREMENTS | M | 1 | N2/0840 | Must use | 54 |
| * 0850 | EQN | NUMBER OF UNITS | C | 1 | N2/0850 | Not Used | N/A |
| 0860 | | Segment Group 19 | C | 99 | N2/0860 | Used | 56 |
| 0870 | DIM | DIMENSIONS | M | 1 | N2/0870 | Must use | 57 |
| * 0880 | EQN | NUMBER OF UNITS | C | 1 | N2/0880 | Not Used | N/A |
| * 0890 | | Segment Group 20 | C | 9 | N2/0890 | Not used | N/A |
| * 0900 | RFF | REFERENCE | M | 1 | N2/0900 | Not Used | N/A |
| * 0910 | DTM | DATE/TIME/PERIOD | C | 9 | N2/0910 | Not Used | N/A |
| * 0920 | | Segment Group 21 | C | 9 | N2/0920 | Not used | N/A |
| * 0930 | PCI | PACKAGE IDENTIFICATION | M | 1 | N2/0930 | Not Used | N/A |
| * 0940 | RFF | REFERENCE | C | 1 | N2/0940 | Not Used | N/A |
| * 0950 | DTM | DATE/TIME/PERIOD | C | 1 | N2/0950 | Not Used | N/A |
| * 0960 | GIN | GOODS IDENTITY NUMBER | C | 9 | N2/0960 | Not Used | N/A |
| * 0970 | | Segment Group 22 | C | 9 | N2/0970 | Not used | N/A |
| * 0980 | DOC | DOCUMENT/MESSAGE DETAILS | M | 1 | N2/0980 | Not Used | N/A |
| * 0990 | DTM | DATE/TIME/PERIOD | C | 9 | N2/0990 | Not Used | N/A |
| * 1000 | | Segment Group 23 | C | 9 | N2/1000 | Not used | N/A |
| * 1010 | TPL | TRANSPORT PLACEMENT | M | 1 | N2/1010 | Not Used | N/A |
| * 1020 | | Segment Group 24 | C | 9 | N2/1020 | Not used | N/A |
| * 1030 | MEA | MEASUREMENTS | M | 1 | N2/1030 | Not Used | N/A |

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Statu</u> <u>s</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|---------------|------------|-------------------------------|--------------------------|------------|----------------|-----------------|-------------|
| * 1040 | EQN | NUMBER OF UNITS | C | 1 | N2/1040 | Not Used | N/A |
| * 1050 | | Segment Group 25 | C | 999 | N2/1050 | Not used | N/A |
| * 1060 | SGP | SPLIT GOODS PLACEMENT | M | 1 | N2/1060 | Not Used | N/A |
| * 1070 | | Segment Group 26 | C | 9 | N2/1070 | Not used | N/A |
| * 1080 | MEA | MEASUREMENTS | M | 1 | N2/1080 | Not Used | N/A |
| * 1090 | EQN | NUMBER OF UNITS | C | 1 | N2/1090 | Not Used | N/A |
| 1100 | | Segment Group 27 | C | 9 | N2/1100 | Used | 58 |
| 1110 | DGS | DANGEROUS GOODS | M | 1 | N2/1110 | Must use | 59 |
| 1120 | FTX | FREE TEXT | C | 99 | N2/1120 | Used | 62 |
| 1130 | | Segment Group 28 | C | 9 | N2/1130 | Used | 64 |
| 1140 | CTA | CONTACT INFORMATION | M | 1 | N2/1140 | Must use | 65 |
| 1150 | COM | COMMUNICATION CONTACT | C | 9 | N2/1150 | Used | 66 |
| * 1160 | | Segment Group 29 | C | 9 | N2/1160 | Not used | N/A |
| * 1170 | MEA | MEASUREMENTS | M | 1 | N2/1170 | Not Used | N/A |
| * 1180 | EQN | NUMBER OF UNITS | C | 1 | N2/1180 | Not Used | N/A |
| * 1190 | | Segment Group 30 | C | 999 | N2/1190 | Not used | N/A |
| * 1200 | SGP | SPLIT GOODS PLACEMENT | M | 1 | N2/1200 | Not Used | N/A |
| * 1210 | | Segment Group 31 | C | 9 | N2/1210 | Not used | N/A |
| * 1220 | MEA | MEASUREMENTS | M | 1 | N2/1220 | Not Used | N/A |
| * 1230 | EQN | NUMBER OF UNITS | C | 1 | N2/1230 | Not Used | N/A |
| 1240 | | Segment Group 32 | C | 999 | N2/1240 | Must use | 67 |
| 1250 | EQD | EQUIPMENT DETAILS | M | 1 | N2/1250 | Must use | 68 |
| 1260 | EQN | NUMBER OF UNITS | C | 1 | N2/1260 | Used | 74 |
| * 1270 | TMD | TRANSPORT MOVEMENT DETAILS | C | 1 | N2/1270 | Not Used | N/A |
| 1280 | MEA | MEASUREMENTS | C | 9 | N2/1280 | Used | 75 |
| * 1290 | DIM | DIMENSIONS | C | 9 | N2/1290 | Not Used | N/A |
| * 1300 | TPL | TRANSPORT PLACEMENT | C | 9 | N2/1300 | Not Used | N/A |
| * 1310 | HAN | HANDLING INSTRUCTIONS | C | 1 | N2/1310 | Not Used | N/A |
| * 1320 | TMP | TEMPERATURE | C | 1 | N2/1320 | Not Used | N/A |
| * 1330 | FTX | FREE TEXT | C | 9 | N2/1330 | Not Used | N/A |
| 1340 | | Segment Group 33 | C | 9 | N2/1340 | Used | 77 |
| 1350 | NAD | NAME AND ADDRESS | M | 1 | N2/1350 | Must use | 78 |
| 1360 | DTM | DATE/TIME/PERIOD | C | 1 | N2/1360 | Used | 80 |
| 1370 | | Segment Group 34 | C | 9 | N2/1370 | Used | 81 |
| 1380 | CTA | CONTACT INFORMATION | M | 1 | N2/1380 | Must use | 82 |
| 1390 | COM | COMMUNICATION CONTACT | C | 9 | N2/1390 | Used | 83 |

Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Statu</u> <u>s</u> | <u>Rep</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|------------|------------|--------------------------|--------------------------|------------|--------------|--------------|-------------|
| 1400 | UNT | MESSAGE TRAILER | M | 1 | N3/1400 | Must use | 84 |
| | UNE | FUNCTIONAL GROUP TRAILER | C | 1 | | Used | 85 |
| | UNZ | INTERCHANGE TRAILER | M | 1 | | Must use | 86 |

Conventions:

- 1 The segment hierarchy lists all the segments of EDIFACT standard. Segments which are not used by CargoSmart are indicated with * sign.
- 2 A detailed description of each segment is listed with the segment ID and name, level (header, detail, or summary), loop (if the segment is contained within a loop), loop repeat (for the first segment in the loop), requirement within the transaction set (as required by CS), maximum use, purpose (as defined by EDIFACT), EDIFACT syntax notes, EDIFACT comments for segment usage, notes that explain CS convention for the segment within the transaction set and a valid sample of that segment.
- 3 The data element summary lists each data element, in order, for the segment. The data element summary includes the following types of information:
 - . **Ref** - This is the segment identifier with the data element sequence number within the segment.
 - . **Id** - This is the number assigned to the data element by EDIFACT. This number may be used for direct reference into the EDIFACT Data Element Dictionary
 - . **Element Name** - This is the name assigned to the data element by EDIFACT, in the EDIFACT Data Element Dictionary.
 - . **Req** - Element Usage based on EDIFACT standard and CS requirement. Below are the values used:
 - . M Mandatory The data element must be used if the segment is used.
 - . O Optional The data element may be used if the segment is used.
 - . C Conditional The data element may be used - its presence is dependent on the presence or absence of other data elements in the same segment. The particular condition/relation will be stated in the CS Notes section for that segment.
 - . **Type** - Element Type based on EDIFACT standard (Reference: http://www.unece.org/trade/untddid/texts/d426_d.htm#p2.9) and CS requirement. Below are the values used:
 - . **ID (Identifier)** Values for the identifier-type data elements are taken from a predefined list in the EDIFACT Data Element Dictionary.
 - . **AN (String)** Values for the string-type data element are a sequence of any printable characters.
 - . **N (Numeric)** Values for a numeric data element are in an implied decimal format. For negative values the leading minus sign (-) is used. Absence of a minus sign indicates a positive number. The decimal point is not transmitted in the character stream.
 - . **Minimum/Maximum** - This is the minimum and maximum length the field can be.
 - . **Usage** - Element Usage based on CS mapping. Below are values used:
 - . **Must Use** CS is mapping this data element to a mandatory field in internal files and CS DB. Unavailability of this element will lead to CS failure.
 - . **Used** CS may map this data element but unavailability will not cause failure.
 - . **Not Used** CS is not mapping this data element to internal files and data is not extracted/loaded to CS DB.
 - . **Code values** - CS supported values for each element.

Revision History:

| Ver. No. | Ver. Date | Revised By | Description |
|----------|-----------|-----------------------------|---|
| 6.0 | 11Dec'09 | CargoSmart Integration Team | Add qualifier PER for Percentage in Group 18 MEA |
| 4.0.4 | 17Jan'07 | CargoSmart Integration Team | 1. Add qualifier in group 16 FTX to support extra special handling 2. Revise loop of HAN back to one because it's not proper to change standard EDIFACT. |
| 4.0.3 | 11Jan'07 | CargoSmart Integration Team | 1. Add FX to input fax of party. |

| | | | |
|-------|----------|-----------------------------|---|
| | | | 2. Increase loop of HAN to two |
| 4.0.2 | 25Oct'06 | CargoSmart Integration Team | Set WT of MEA mandatory |
| 4.0.1 | 04Oct'06 | CargoSmart Integration Team | Set FTX of header optional |
| 4.0 | 16Aug'06 | CargoSmart Integration Team | Revised the presentation |
| 3.0 | 07Jun06 | CargoSmart Integration Team | Corrected UNB_S004_0019's label from "Interchange Control Number" to "Time of Preparation". |
| 2.0 | 22Feb'06 | CargoSmart Integration Team | (i) Took out Commodity info from the FTX under GID group. (ii) Changed max use of TSR from 9 to 1. (iii) Updated DGS segment. |

UNB INTERCHANGE HEADER

| | |
|------------|--------------|
| Pos: | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 11 |

User Option (Usage): Must use

Purpose: To start, identify and specify an interchange.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|-------------------------------------|-------------|----------------|--------------|
| UNB010 | S001 | SYNTAX IDENTIFIER | M | Comp | | Must use |
| | | Description: Identification of the agency controlling the syntax and indication of syntax level. | | | | |
| | 0001 | Syntax identifier | M | a | 4/4 | Must use |
| | | Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange. | | | | |
| | | Code | Name | | | |
| | | UNOA | UN/ECE level A | | | |
| | | UNOB | UN/ECE level B | | | |
| | | UNOC | UN/ECE level C | | | |
| | 0002 | Syntax version number | M | n | 1/1 | Must use |
| | | Description: Version number of the syntax identified in the syntax identifier (0001). | | | | |
| UNB020 | S002 | INTERCHANGE SENDER | M | Comp | | Must use |
| | | Description: Identification of the sender of the interchange. | | | | |
| | 0004 | Sender identification | M | an | 1/35 | Must use |
| | | Description: Name or coded representation of the sender of a data interchange. | | | | |
| | | Code | Name | | | |
| | | YOUR_ID | Your Interchange ID | | | |
| | | CS Note: | | | | |
| | | <i>If you are sender</i> | | | | |
| | | CARGOSM | CargoSmart Interchange ID | | | |
| | | ART | | | | |
| | | CS Note: | | | | |
| | | <i>If CargoSmart is sender</i> | | | | |
| | 0007 | Partner identification code qualifier | C | an | 1/4 | Used |
| | | Description: Qualifier referring to the source of codes for the identifiers of interchanging partners. | | | | |
| | | Code | Name | | | |
| | | 01 | CargoSmart Interchange ID Qualifier | | | |
| | | CS Note: | | | | |
| | | <i>If CargoSmart is sender</i> | | | | |
| | | ZZ | Your Interchange ID Qualifier | | | |
| | | CS Note: | | | | |
| | | <i>If you are sender</i> | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------------------------------|----------------|--------------|
| | 0008 | Address for reverse routing | C | an | 1/14 | Used |
| | | Description: Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing. | | | | |
| UNB030 | S003 | INTERCHANGE RECIPIENT | M | Comp | | Must use |
| | | Description: Identification of the recipient of the interchange. | | | | |
| | 0010 | Recipient identification | M | an | 1/35 | Must use |
| | | Description: Name or coded representation of the recipient of a data interchange. | | | | |
| | | Code | | Name | | |
| | | YOUR_ID | | Your Interchange ID | | |
| | | CS Note: <i>If you are recipient</i> | | | | |
| | | CARGOSM ART | | CargoSmart Interchange ID | | |
| | | CS Note: <i>If CargoSmart is recipient</i> | | | | |
| | 0007 | Partner identification code qualifier | C | an | 1/4 | Used |
| | | Description: Qualifier referring to the source of codes for the identifiers of interchanging partners. | | | | |
| | | Code | | Name | | |
| | | 01 | | CargoSmart Interchange ID Qualifier | | |
| | | CS Note: <i>If CargoSmart is recipient</i> | | | | |
| | | ZZ | | Your Interchange ID Qualifier | | |
| | | CS Note: <i>If you are recipient</i> | | | | |
| | 0014 | Routing address | C | an | 1/14 | Used |
| | | Description: 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. | | | | |
| UNB040 | S004 | DATE/TIME OF PREPARATION | M | Comp | | Must use |
| | | Description: Date/time of preparation of the interchange. | | | | |
| | 0017 | Date of preparation | M | n | 6/6 | Must use |
| | | Description: Local date when an interchange or a functional group was prepared. | | | | |
| | 0019 | Time of preparation | M | n | 4/4 | Must use |
| | | Description: Local time of day when an interchange or a functional group was prepared. | | | | |
| UNB050 | 0020 | Interchange control reference | M | an | 1/14 | Must use |
| | | Description: Unique reference assigned by the sender to an interchange. | | | | |
| UNB060 | S005 | RECIPIENTS REFERENCE PASSWORD | C | Comp | | Used |
| | | Description: Reference or password as agreed between the communicating partners. | | | | |
| | 0022 | Recipient's reference/password | M | an | 1/14 | Must use |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|--------------|
| | | Description: Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement. | | | | |
| | 0025 | Recipient's reference/password qualifier | C | an | 2/2 | Used |
| | | Description: Qualifier for the recipient's reference or password. | | | | |
| UNB070 | 0026 | Application reference | C | an | 1/14 | Used |
| | | Description: 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. | | | | |
| UNB080 | 0029 | Processing priority code | C | a | 1/1 | Used |
| | | Description: Code determined by the sender requesting processing priority for the interchange. | | | | |
| | | Code Name | | | | |
| | | A Highest priority | | | | |
| UNB090 | 0031 | Acknowledgement request | C | n | 1/1 | Used |
| | | Description: Code determined by the sender for acknowledgement of the interchange. | | | | |
| | | Code Name | | | | |
| | | 1 Requested | | | | |
| UNB100 | 0032 | Cummunications agreement ID | C | an | 1/35 | Used |
| | | Description: Identification by name or code of the type of agreement under which the interchange takes place. | | | | |
| UNB110 | 0035 | Test indicator | C | n | 1/1 | Used |
| | | Description: Indication that the interchange is a test. | | | | |
| | | Code Name | | | | |
| | | 1 Interchange is a test | | | | |

Sample:

UNB+UNOA:2+YOUR_ID:ZZ+CARGOSMART:01+070601:1457+107060100746'

UNG FUNCTIONAL GROUP HEADER

| | |
|-------------|-------------|
| Pos: | Max: 1 |
| Conditional | |
| Group: N/A | Elements: 8 |

User Option (Usage): Used

Purpose: To head, identify and specify a functional group.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------------------|---------------|-------------|----------------|--------------|
| UNG010 | 0038 | Functional group identification | M | an | 1/6 | Must use |

Description: Identification of the one type of messages in a functional group.

Code Name

IFTMBF Booking Request

| | | | | | | |
|--------|------|-------------------------------------|---|------|--|----------|
| UNG020 | S006 | APPLICATION SENDER'S IDENTIFICATION | M | Comp | | Must use |
|--------|------|-------------------------------------|---|------|--|----------|

Description: Identification of the sender's division, department etc. from which a group of messages is sent.

| | | | | | | |
|------|--|-------------------------------------|---|----|------|----------|
| 0040 | | Application sender's identification | M | an | 1/35 | Must use |
|------|--|-------------------------------------|---|----|------|----------|

Description: Name or code identifying the originating division, department etc. within the sender's organization.

Code Name

YOUR_ID Your Interchange ID

CS Note:

If you are sender

CARGOSM CargoSmart Interchange ID
ART

CS Note:

If CargoSmart is sender

| | | | | | | |
|------|--|---------------------------------------|---|----|-----|------|
| 0007 | | Partner identification code qualifier | C | an | 1/4 | Used |
|------|--|---------------------------------------|---|----|-----|------|

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

Code Name

01 CargoSmart Interchange ID Qualifier

CS Note:

If CargoSmart is sender

ZZ Your Interchange ID Qualifier

CS Note:

If you are sender

| | | | | | | |
|--------|------|---------------------------------------|---|------|--|----------|
| UNG030 | S007 | APPLICATION RECIPIENTS IDENTIFICATION | M | Comp | | Must use |
|--------|------|---------------------------------------|---|------|--|----------|

Description: Identification of the recipient's division, department etc. for which a group of messages is intended.

| | | | | | | |
|------|--|--|---|----|------|----------|
| 0044 | | Application recipient's identification | M | an | 1/35 | Must use |
|------|--|--|---|----|------|----------|

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|-------------|----------------|--------------|
|------------|------------|---------------------|---------------|-------------|----------------|--------------|

Description: Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
|-------------|-------------|

| | |
|---------|---------------------|
| YOUR_ID | Your Interchange ID |
|---------|---------------------|

CS Note:
If you are recipient

| | |
|----------------|---------------------------|
| CARGOSM ART | CargoSmart Interchange ID |
|----------------|---------------------------|

CS Note:
If CargoSmart is recipient

| | | | | | |
|------|--|---|----|-----|------|
| 0007 | Partner identification code qualifier | C | an | 1/4 | Used |
|------|--|---|----|-----|------|

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

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
|-------------|-------------|

| | |
|----|-------------------------------------|
| 01 | CargoSmart Interchange ID Qualifier |
|----|-------------------------------------|

CS Note:
If CargoSmart is recipient

| | |
|----|-------------------------------|
| ZZ | Your Interchange ID Qualifier |
|----|-------------------------------|

CS Note:
If you are recipient

| | | | | | | |
|--------|------|---------------------------------|---|------|--|----------|
| UNG040 | S004 | DATE/TIME OF PREPARATION | M | Comp | | Must use |
|--------|------|---------------------------------|---|------|--|----------|

Description: Date/time of preparation of the interchange.

| | | | | | |
|------|----------------------------|---|---|-----|----------|
| 0017 | Date of preparation | M | n | 6/6 | Must use |
|------|----------------------------|---|---|-----|----------|

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

| | | | | | |
|------|----------------------------|---|---|-----|----------|
| 0019 | Time of preparation | M | n | 4/4 | Must use |
|------|----------------------------|---|---|-----|----------|

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

| | | | | | | |
|--------|------|--|---|----|------|----------|
| UNG050 | 0048 | Functional group reference number | M | an | 1/14 | Must use |
|--------|------|--|---|----|------|----------|

Description: Reference number for the functional group assigned by and unique within the sender's division, department etc.

| | | | | | | |
|--------|------|---------------------------|---|----|-----|----------|
| UNG060 | 0051 | Controlling agency | M | an | 1/2 | Must use |
|--------|------|---------------------------|---|----|-----|----------|

Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.

| <u>Code</u> | <u>Name</u> |
|-------------|-------------|
|-------------|-------------|

| | |
|----|-----------|
| UN | UN/CEFACT |
|----|-----------|

| | | | | | | |
|--------|------|------------------------|---|------|--|----------|
| UNG070 | S008 | MESSAGE VERSION | M | Comp | | Must use |
|--------|------|------------------------|---|------|--|----------|

Description: Specification of the type of messages in the functional group.

| | | | | | |
|------|-------------------------------|---|----|-----|----------|
| 0052 | Message version number | M | an | 1/3 | Must use |
|------|-------------------------------|---|----|-----|----------|

Description: Version number of a message type.

Code Name

D Draft version/UN/EDIFACT Directory

0054 **Message release number** M an 1/3 Must use

Description: Release number within the current message version number.

Code Name

96B Release 1996 - B

0057 **Association assigned code** C an 1/6 Used

Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

UNG080 0058 **Application password** C an 1/14 Used

Description: Password to the recipient's division, department or sectional system.

Sample:

UNG+IFTMBF+YOUR_ID:ZZ+CARGOSMART:01+070601:1457+9+UN+D:96B'

UNH MESSAGE HEADER

| | |
|------------|-------------|
| Pos: 0010 | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 4 |

User Option (Usage): Must use

Purpose: To head, identify and specify a message.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> | |
|------------|------------|---|--|-------------|----------------|--------------|----------|
| UNH010 | 0062 | Message reference number | M | an | 1/14 | Must use | |
| | | Description: Unique message reference assigned by the sender. | | | | | |
| UNH020 | S009 | MESSAGE IDENTIFIER | M | Comp | | Must use | |
| | | Description: Identification of the type, version etc. of the message being interchanged. | | | | | |
| | 0065 | Message type identifier | M | an | 1/6 | Must use | |
| | | Description: Code identifying a type of message and assigned by its controlling agency. | | | | | |
| | | <u>Code</u> | <u>Name</u> | | | | |
| | | IFTMBF | Firm booking message | | | | |
| | 0052 | Message type version number | M | an | 1/3 | Must use | |
| | | Description: Version number of a message type. | | | | | |
| | | <u>Code</u> | <u>Name</u> | | | | |
| | | D | Draft version | | | | |
| | 0054 | Message type release number | M | an | 1/3 | Must use | |
| | | Description: Release number within the current message type version number (0052). | | | | | |
| | | <u>Code</u> | <u>Name</u> | | | | |
| | | 96B | Release 1996 - B | | | | |
| | 0051 | Controlling agency | M | an | 1/2 | Must use | |
| | | Description: Code identifying the agency controlling the specification, maintenance and publication of the message type. | | | | | |
| | | <u>Code</u> | <u>Name</u> | | | | |
| | | UN | UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) | | | | |
| * | 0057 | Association assigned code | C | an | 1/6 | Not used | |
| | | Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. | | | | | |
| * | UNH030 | 0068 | Common access reference | C | an | 1/35 | Not used |
| | | Description: Reference serving as a key to relate all subsequent transfers of data to the same business case or file. | | | | | |
| * | UNH040 | S010 | STATUS OF THE TRANSFER | C | Comp | Not used | |
| | | Description: Statement that the message is one in a sequence of transfers relating to the same topic. | | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|--------------|
| * | 0070 | Sequence message transfer number | M | n | 1/2 | Not used |
| | | Description: Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic. | | | | |
| * | 0073 | First/last sequence message transfer indication | C | a | 1/1 | Not used |
| | | Description: Indication used for the first and last message in a sequence of the same type of message relating to the same topic. | | | | |

Sample:

UNH+107060100746+IFTMBF:D:96B:UN'

BGM BEGINNING OF MESSAGE

| | |
|------------|-------------|
| Pos: 0020 | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 4 |

User Option (Usage): Must use

Purpose: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| BGM010 | C002 | DOCUMENT/MESSAGE NAME | C | Comp | | Used |
| | | Description: Identification of a type of document/message by code or name. Code preferred. | | | | |
| | 1001 | Document/message name, coded | C | an | 1/3 | Used |
| | | Description: Document/message identifier expressed in code. | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 335 Booking request | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * | 1000 | Document/message name | C | an | 1/35 | Not used |
| | | Description: Plain language identifier specifying the function of a document/message. | | | | |
| BGM020 | C106 | DOCUMENT/MESSAGE IDENTIFICATION | C | Comp | | Used |
| | | Description: Identification of a document/message by its number and eventually its version or revision. | | | | |
| | 1004 | Document/message number | C | an | 1/35 | Used |
| | | Description: Reference number assigned to the document/message by the issuer. | | | | |
| * | 1056 | Version | C | an | 1/9 | Not used |
| | | Description: To specify the version number or name of an object. | | | | |
| * | 1060 | Revision number | C | an | 1/6 | Not used |
| | | Description: To specify a revision number. | | | | |
| BGM030 | 1225 | Message function, coded | C | an | 1/3 | Must use |
| | | Description: Code indicating the function of the message. | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 1 Cancellation | | | | |
| | | CS Note: <i>Not yet supported.</i> | | | | |
| | | 5 Update | | | | |
| | | CS Note: | | | | |

Code Name

Not yet supported.

9 Original

* BGM040 4343 **Response type, coded** C an 1/3 Not used

Description: Code specifying the type of acknowledgment required or transmitted.

Sample:

BGM+335+107060100746+9'

DTM DATE/TIME/PERIOD

| | |
|-------------|-------------|
| Pos: 0050 | Max: 9 |
| Conditional | |
| Group: N/A | Elements: 1 |

User Option (Usage): Must use

Purpose: To specify date, and/or time, or period.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|-------------|----------------|--------------|
| DTM010 | C507 | DATE/TIME/PERIOD | M | Comp | | Must use |

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

| | | | | | | |
|------|--|----------------------------|---|----|-----|----------|
| 2005 | | Date/time/period qualifier | M | an | 1/3 | Must use |
|------|--|----------------------------|---|----|-----|----------|

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

Code Name

196 Departure date/time, earliest

CS Note:

Customer intended earliest departure date/time.

201 Pick-up date/time of equipment

CS Note:

Customer intended empty pick-up date/time, which must be GMT date/time.

208 Departure date/time, ultimate

CS Note:

Customer intended ultimate departure date/time.

231 Arrival date/time, earliest

CS Note:

Customer intended earliest arrival date/time.

233 Arrival date/time, ultimate

CS Note:

Customer intended ultimate arrival date/time.

318 Booking Request date/time

| | | | | | | |
|------|--|------------------|---|----|------|----------|
| 2380 | | Date/time/period | C | an | 1/35 | Must use |
|------|--|------------------|---|----|------|----------|

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

| | | | | | | |
|------|--|-----------------------------------|---|----|-----|------|
| 2379 | | Date/time/period format qualifier | C | an | 1/3 | Used |
|------|--|-----------------------------------|---|----|-----|------|

Description: Specification of the representation of a date, a date and time or of a period.

Code Name

204 CCYYMMDDHHMMSS

CS Note:

Customer can request either (earliest and ultimate departure date/time) or (earliest and ultimate arrival date/time), but cannot request both departure and arrival date/time.

Sample:

DTM+318:20070601145702:204'

TSR TRANSPORT SERVICE REQUIREMENTS

| | |
|-------------|-------------|
| Pos: 0060 | Max: 9 |
| Conditional | |
| Group: N/A | Elements: 4 |

User Option (Usage): Must use

Purpose: To specify the contract and carriage conditions and service and priority requirements for the transport.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| TSR010 | C536 | CONTRACT AND CARRIAGE CONDITION | C | Comp | | Must use |
| | | Description: To identify a contract and carriage condition. | | | | |
| | | CS Note: | | | | |
| | | <i>If customer choose outbound carrier haulage, it is good that customer can provide full container pick-up location, appointment date time, and contact information in group 33 and group 34.</i> | | | | |
| | | <i>However, these information are not mandatory.</i> | | | | |
| | 4065 | Contract and carriage condition, coded | M | an | 1/3 | Must use |
| | | Description: Code to identify the conditions of contract and carriage. | | | | |
| | | <u>Code</u> | <u>Name</u> | | | |
| | | 27 | Door-to-door | | | |
| | | 28 | Door-to-pier | | | |
| | | 29 | Pier-to-door | | | |
| | | 30 | Pier-to-pier | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| TSR020 | C233 | SERVICE | C | Comp | | Must use |
| | | Description: To identify a service (which may constitute an additional component to a basic contract). | | | | |
| | 7273 | Service requirement, coded | M | an | 1/3 | Must use |
| | | Description: Identification of a service requirement (which may constitute an additional component to a basic contract). | | | | |
| | | <u>Code</u> | <u>Name</u> | | | |
| | | 3 | FCL/FCL | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * | 7273 | Service requirement, coded | C | an | 1/3 | Not used |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|--------------|
| | | Description: Identification of a service requirement (which may constitute an additional component to a basic contract). | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * TSR030 | C537 | TRANSPORT PRIORITY | C | Comp | | Not used |
| | | Description: To indicate the priority of requested transport service. | | | | |
| * | 4219 | Transport priority, coded | M | an | 1/3 | Not used |
| | | Description: Coded priority of requested transport service. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * TSR040 | C703 | NATURE OF CARGO | C | Comp | | Not used |
| | | Description: Rough classification of a type of cargo. | | | | |
| * | 7085 | Nature of cargo, coded | M | an | 1/3 | Not used |
| | | Description: Code indicating the type of cargo as a rough classification. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |

Sample:

TSR+30+3'

FTX FREE TEXT

| | |
|-------------|-------------|
| Pos: 0080 | Max: 99 |
| Conditional | |
| Group: N/A | Elements: 5 |

User Option (Usage): Used

Purpose: To provide free form or coded text information.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|--|--|---------------|-------------|----------------|--------------|
| FTX010 | 4451 | Text subject qualifier | M | an | 1/3 | Must use |
| Description: Code specifying subject of a free text. | | | | | | |
| Code Name | | | | | | |
| AAA Remarks of whole booking | | | | | | |
| AAZ Shipper's Export Declaration / B-13 (Canada) | | | | | | |
| RFI Reefer cargo inbound contact | | | | | | |
| RFO Reefer cargo outbound contact | | | | | | |
| ZZ1 Reefer remarks | | | | | | |
| * FTX020 | 4453 | Text function, coded | C | an | 1/3 | Not used |
| Description: Code specifying how to handle the text. | | | | | | |
| * FTX030 | C107 | TEXT REFERENCE | C | Comp | | Not used |
| Description: Coded reference to a standard text and its source. | | | | | | |
| * | 4441 | Free text identification | M | an | 1/17 | Not used |
| Description: Free text in coded form. | | | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| Description: Identification of a code list. | | | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| Description: Code identifying the agency responsible for a code list. | | | | | | |
| FTX040 | C108 | TEXT LITERAL | C | Comp | | Must use |
| Description: Free text; one to five lines. | | | | | | |
| CS Note: | | | | | | |
| <i>If FTX010_4451 = AAA or ZZ1, CargoSmart use the first 240 chars only.</i> | | | | | | |
| 4440 | | Free text | M | an | 1/70 | Must use |
| Description: Free text field available to the message sender for information. | | | | | | |
| CS Note: | | | | | | |
| <i>This is contact name if FTX010 = RFI or RFO.</i> | | | | | | |
| Code Name | | | | | | |
| F | Filing electronically (Canada, China, and United States) | | | | | |
| CS Note: | | | | | | |
| <i>for FTX010_4451 = AAZ</i> | | | | | | |
| S | Submitting forms (Canada, China, and United States) | | | | | |

Code Name

CS Note:
for FTX010_4451 = AAZ

4440 **Free text** C an 1/70 Used

Description: Free text field available to the message sender for information.

CS Note:

This is contact phone number if FTX010 = RFI or RFO.

Phone number must be no more than 30 chars;

Recommended phone number format: <country code>-<area code>-<phone number>. For example: 86-755-12345678

4440 **Free text** C an 1/70 Used

Description: Free text field available to the message sender for information.

4440 **Free text** C an 1/70 Used

Description: Free text field available to the message sender for information.

4440 **Free text** C an 1/70 Used

Description: Free text field available to the message sender for information.

* FTX050 3453 **Language, coded** C an 1/3 Not used

Description: Code of language (ISO 639-1988).

Sample:

FTX+AAA+++YOUR COMMENT ABOUT WHOLE BOOKING REQUEST'

FTX+ZZ1+++YOUR COMMENT ABOUT REEFER'

FTX+AAZ+++F'

Segment Group 3

| | |
|-------------|---------------|
| Pos: 0160 | Repeat: 99 |
| Conditional | |
| Group: 3 | Elements: N/A |

User Option (Usage): Must use

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|
| 0170 | RFF | REFERENCE | M | 1 | Must use |

RFF REFERENCE

| | |
|-----------|-------------|
| Pos: 0170 | Max: 1 |
| Mandatory | |
| Group: 3 | Elements: 1 |

User Option (Usage): Must use

Purpose: To specify a reference.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|-------------|----------------|--------------|
| RFF010 | C506 | REFERENCE | M | Comp | | Must use |

Description: Identification of a reference.

| | | | | | | |
|------|--|---------------------|---|----|-----|----------|
| 1153 | | Reference qualifier | M | an | 1/3 | Must use |
|------|--|---------------------|---|----|-----|----------|

Description: Code giving specific meaning to a reference segment or a reference number.

Code Name

| | |
|----|---|
| 05 | Quotation Number |
| 51 | Carrier Rate Reference Number |
| 52 | Standard Tariff Number |
| BM | Bill of Lading Reference Number |
| BN | Booking Number |
| CR | Customer Reference Number |
| CT | Service Contract Number |
| FN | Forwarder Reference Number |
| IV | Invoice Number |
| ON | Shipping Order Number |
| PO | Purchase Order |
| SI | Shipper's Identifying Number for Shipment (SID) |
| ZZ | CargoSmart Reference Number |

CS Note:

*This reference number is assigned by CargoSmart, and always sent to carrier.
Carrier must always return this number to CargoSmart in Booking Confirmation.*

SRN Shipper Reference

| | | | | | | |
|------|--|------------------|---|----|------|----------|
| 1154 | | Reference number | C | an | 1/35 | Must use |
|------|--|------------------|---|----|------|----------|

Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

| | | | | | | |
|---|------|-------------|---|----|-----|----------|
| * | 1156 | Line number | C | an | 1/6 | Not used |
|---|------|-------------|---|----|-----|----------|

Description: Number of the line in the document/message referenced in 1154 Reference number.

| | | | | | | |
|---|------|--------------------------|---|----|------|----------|
| * | 4000 | Reference version number | C | an | 1/35 | Not used |
|---|------|--------------------------|---|----|------|----------|

Description: To uniquely identify a reference by its revision number.

CS Note:

All the reference numbers customer provides will be returned in the booking confirmation if carrier return.

Sample:

RFF+SI:1234567890123456'

Segment Group 7

| | |
|-------------|---------------|
| Pos: 0350 | Repeat: 99 |
| Conditional | |
| Group: 7 | Elements: N/A |

User Option (Usage): Must use

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|----------------------|---------------|------------|--------------|
| 0360 | TDT | DETAILS OF TRANSPORT | M | 1 | Must use |
| 0390 | | Segment Group 8 | C | 99 | Must use |

TDT DETAILS OF TRANSPORT

| | |
|-----------|-------------|
| Pos: 0360 | Max: 1 |
| Mandatory | |
| Group: 7 | Elements: 9 |

User Option (Usage): Must use

Purpose: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|------------|--|---------------|-------------|----------------|--------------|
| TDT010 | 8051 | Transport stage qualifier | M | an | 1/3 | Must use |
| Description: Qualifier giving a specific meaning to the transport details. | | | | | | |
| Code Name | | | | | | |
| 20 Main carriage (first) | | | | | | |
| 22 Main carriage (second) | | | | | | |
| 23 Main carriage (third) | | | | | | |
| Z1 Main carriage (fourth) | | | | | | |
| Z2 Main carriage (fifth) | | | | | | |
| TDT020 | 8028 | Conveyance reference number | C | an | 1/17 | Used |
| Description: Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). | | | | | | |
| CS Note: | | | | | | |
| <i>This element is voyage number, which must have no more than 9 chars.</i> | | | | | | |
| TDT030 | C220 | MODE OF TRANSPORT | C | Comp | | Used |
| Description: Method of transport code or name. Code preferred. | | | | | | |
| | 8067 | Mode of transport, coded | C | an | 1/3 | Used |
| Description: Coded method of transport used for the carriage of the goods. | | | | | | |
| Code Name | | | | | | |
| 1 Ocean | | | | | | |
| * | 8066 | Mode of transport | C | an | 1/17 | Not used |
| Description: Method of transport used for the carriage of the goods. | | | | | | |
| * TDT040 | C228 | TRANSPORT MEANS | C | Comp | | Not used |
| Description: Code and/or name identifying the type of means of transport. | | | | | | |
| * | 8179 | Type of means of transport identification | C | an | 1/8 | Not used |
| Description: Code defining the type of the means of transport being utilized. | | | | | | |
| * | 8178 | Type of means of transport | C | an | 1/17 | Not used |
| Description: Description of the type of the means of transport being utilized. | | | | | | |
| TDT050 | C040 | CARRIER | O | Comp | | Used |
| Description: Identification of a carrier by code and/or by name. Code preferred. | | | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | 3127 | Carrier identification | C | an | 1/17 | Used |
| | | Description: Identification of party undertaking or arranging transport of goods between named points. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| | 3055 | Code list responsible agency, coded | C | an | 1/3 | Used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| | | Code Name | | | | |
| | | 182 US, Standard Carrier Alpha Code (SCAC) | | | | |
| * | 3128 | Carrier name | C | an | 1/35 | Not used |
| | | Description: Name of party undertaking or arranging transport of goods between named points. | | | | |
| * TDT060 | 8101 | Transit direction, coded | C | an | 1/3 | Not used |
| | | Description: Identification of the point of origin and point of direction. | | | | |
| * TDT070 | C401 | EXCESS TRANSPORTATION INFORMATION | C | Comp | | Not used |
| | | Description: To provide details of reason for, and responsibility for, use of transportation other than normally utilized. | | | | |
| * | 8457 | Excess transportation reason, coded | M | an | 1/3 | Not used |
| | | Description: Indication of reason for excess transportation. | | | | |
| * | 8459 | Excess transportation responsibility, coded | M | an | 1/3 | Not used |
| | | Description: Indication of responsibility for excess transportation. | | | | |
| * | 7130 | Customer authorization number | C | an | 1/17 | Not used |
| | | Description: 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. | | | | |
| TDT080 | C222 | TRANSPORT IDENTIFICATION | C | Comp | | Used |
| | | Description: Code and/or name identifying the means of transport. | | | | |
| | 8213 | Id. of means of transport identification | C | an | 1/9 | Not used |
| | | Description: Identification of the means of transport by name or number. | | | | |
| | 1131 | Code list qualifier | C | an | 1/3 | Used |
| | | Description: Identification of a code list. | | | | |
| | | Code Name | | | | |
| | | 103 Call sign directory | | | | |
| | | ZZ1 Lloyd's Number | | | | |
| | | ZZZ Mutually defined | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| | 8212 | Id. of the means of transport | C | an | 1/35 | Used |
| | | Description: Identification of the means of transport by name or number. | | | | |
| | | CS Note: <i>Vessel name</i> | | | | |
| * | 8453 | Nationality of means of transport, coded | C | an | 1/3 | Not used |
| | | Description: Coded name of the country in which a means of transport is registered. | | | | |
| * TDT090 | 8281 | Transport ownership, coded | C | an | 1/3 | Not used |
| | | Description: Code indicating the ownership of the means of transport. | | | | |

Sample:

TDT+20+012East+1++OOLU::182+++::OOCL ASIA'

Segment Group 8

| | |
|-------------|---------------|
| Pos: 0390 | Repeat: 99 |
| Conditional | |
| Group: 8 | Elements: N/A |

User Option (Usage): Must use

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|-------------------------------|---------------|------------|--------------|
| 0400 | LOC | PLACE/LOCATION IDENTIFICATION | M | 1 | Must use |
| 0410 | DTM | DATE/TIME/PERIOD | C | 1 | Used |

LOC PLACE/LOCATION IDENTIFICATION

| | |
|-----------|-------------|
| Pos: 0400 | Max: 1 |
| Mandatory | |
| Group: 8 | Elements: 5 |

User Option (Usage): Must use

Purpose: To identify a country/place/location/related location one/related location two.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--------------------------|---------------|-------------|----------------|--------------|
| LOC010 | 3227 | Place/location qualifier | M | an | 1/3 | Must use |

Description: Code identifying the function of a location.

Code Name

7 Place of delivery

Usage:

Used

9 Place/port of loading

Usage:

Must use in all scenarios

11 Place/port of discharge

Usage:

Must use in all scenarios

88 Place of receipt

Usage:

Used

| | | | | | | |
|--------|------|-------------------------|---|------|--|------|
| LOC020 | C517 | LOCATION IDENTIFICATION | C | Comp | | Used |
|--------|------|-------------------------|---|------|--|------|

Description: Identification of a location by code or name.

CS Note:

Either UN location code (LOC020_3225) or location name (LOC020_3224) must be provided.

| | | | | | | |
|------|--|-------------------------------|---|----|------|------|
| 3225 | | Place/location identification | C | an | 1/25 | Used |
|------|--|-------------------------------|---|----|------|------|

Description: Identification of the name of place/location, other than 3164 City name.

| | | | | | | |
|------|--|---------------------|---|----|-----|------|
| 1131 | | Code list qualifier | C | an | 1/3 | Used |
|------|--|---------------------|---|----|-----|------|

Description: Identification of a code list.

Code Name

139 Port

229 Inland location

| | | | | | | |
|------|--|-------------------------------------|---|----|-----|------|
| 3055 | | Code list responsible agency, coded | C | an | 1/3 | Used |
|------|--|-------------------------------------|---|----|-----|------|

Description: Code identifying the agency responsible for a code list.

Code Name

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

| | | | | | | |
|------|--|----------------|---|----|------|------|
| 3224 | | Place/location | C | an | 1/70 | Used |
|------|--|----------------|---|----|------|------|

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | | Description: Name of place/location, other than 3164 City name. | | | | |
| LOC030 | C519 | RELATED LOCATION ONE IDENTIFICATION | C | Comp | | Used |
| | | Description: Identification the first related location by code or name. | | | | |
| | 3223 | Related place/location one identification | C | an | 1/25 | Used |
| | | Description: Specification of the first related place/location by code. | | | | |
| | 1131 | Code list qualifier | C | an | 1/3 | Used |
| | | Description: Identification of a code list. | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 145 Airport/city | | | | |
| | 3055 | Code list responsible agency, coded | C | an | 1/3 | Used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 6 UN/ECE (United Nations - Economic Commission for Europe) | | | | |
| | 3222 | Related place/location one | C | an | 1/70 | Used |
| | | Description: Specification of the first related place/location by name. | | | | |
| LOC040 | C553 | RELATED LOCATION TWO IDENTIFICATION | C | Comp | | Used |
| | | Description: Identification of second related location by code or name. | | | | |
| | 3233 | Related place/location two identification | C | an | 1/25 | Used |
| | | Description: Specification of a second related place/location by code. | | | | |
| | 1131 | Code list qualifier | C | an | 1/3 | Used |
| | | Description: Identification of a code list. | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 162 Country | | | | |
| | 3055 | Code list responsible agency, coded | C | an | 1/3 | Used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 5 ISO (International Organization for Standardization) | | | | |
| * | 3232 | Related place/location two | C | an | 1/70 | Not used |
| | | Description: Specification of a second related place/location by name. | | | | |
| * LOC050 | 5479 | Relation, coded | C | an | 1/3 | Not used |
| | | Description: To specify the relationship between two or more items. | | | | |

CS Note:

First Port of Load (LOC010_3227 = 9) and Last Port of Discharge (LOC010_3227 = 11) must always be provided.

Sample:

LOC+9+CNSHK:139:6:SHEKOU'

DTM DATE/TIME/PERIOD

| | |
|-------------|-------------|
| Pos: 0410 | Max: 1 |
| Conditional | |
| Group: 8 | Elements: 1 |

User Option (Usage): Used

Purpose: To specify date, and/or time, or period.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|-------------|----------------|--------------|
| DTM010 | C507 | DATE/TIME/PERIOD | M | Comp | | Must use |

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

| | | | | | | |
|------|--|----------------------------|---|----|-----|----------|
| 2005 | | Date/time/period qualifier | M | an | 1/3 | Must use |
|------|--|----------------------------|---|----|-----|----------|

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

Code Name

17 Delivery date/time, estimated

CS Note:

for LOC010_3227 = 7

132 Arrival date/time, estimated

CS Note:

for LOC010_3227 = 11

133 Departure date/time, estimated

CS Note:

for LOC010_3227 = 9

180 Estimated Cut-off date/time

CS Note:

for LOC010_3227 = 88

| | | | | | | |
|------|--|------------------|---|----|------|------|
| 2380 | | Date/time/period | C | an | 1/35 | Used |
|------|--|------------------|---|----|------|------|

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

| | | | | | | |
|------|--|-----------------------------------|---|----|-----|------|
| 2379 | | Date/time/period format qualifier | C | an | 1/3 | Used |
|------|--|-----------------------------------|---|----|-----|------|

Description: Specification of the representation of a date, a date and time or of a period.

Code Name

102 CCYYMMDD

204 CCYYMMDDHHMMSS

Sample:

DTM+133:20070607:102'

Segment Group 10

| | |
|-------------|---------------|
| Pos: 0450 | Repeat: 99 |
| Conditional | |
| Group: 10 | Elements: N/A |

User Option (Usage): Must use

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|
| 0460 | NAD | NAME AND ADDRESS | M | 1 | Must use |
| 0480 | | Segment Group 11 | C | 9 | Used |

NAD NAME AND ADDRESS

| | |
|-----------|-------------|
| Pos: 0460 | Max: 1 |
| Mandatory | |
| Group: 10 | Elements: 9 |

User Option (Usage): Must use

Purpose: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|----------------------|----------------|--------------|
| NAD010 | 3035 | Party qualifier | M | an | 1/3 | Must use |
| | | Description: Code giving specific meaning to a party. | | | | |
| | | Code Name | | | | |
| | | BK | | Booking Party | | |
| | | CA | | Carrier | | |
| | | CN | | Consignee | | |
| | | CZ | | Shipper | | |
| | | FW | | Forwarder | | |
| NAD020 | C082 | PARTY IDENTIFICATION DETAILS | C | Comp | | Used |
| | | Description: Identification of a transaction party by code. | | | | |
| | 3039 | Party id. identification | M | an | 1/35 | Must use |
| | | Description: Code identifying a party involved in a transaction. | | | | |
| | | CS Note: | | | | |
| | | <i>This element is carrier SCAC code when NAD010 = CA.</i> | | | | |
| | | <i>For other qualifiers, this element is carrier customer code; which must have no more than 10 chars.</i> | | | | |
| | 1131 | Code list qualifier | C | an | 1/3 | Must use |
| | | Description: Identification of a code list. | | | | |
| | | Code Name | | | | |
| | | 160 | | Party identification | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * NAD030 | C058 | NAME AND ADDRESS | C | Comp | | Not used |
| | | Description: Unstructured name and address: one to five lines. | | | | |
| * | 3124 | Name and address line | M | an | 1/35 | Not used |
| | | Description: Free form name and address description. | | | | |
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| | | Description: Free form name and address description. | | | | |
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| | | Description: Free form name and address description. | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|--------------|
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| | | Description: Free form name and address description. | | | | |
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| | | Description: Free form name and address description. | | | | |
| NAD040 | C080 | PARTY NAME | C | Comp | | Used |
| | | Description: Identification of a transaction party by name, one to five lines. Party name may be formatted. | | | | |
| | | CS Note: <i>Must use if NAD010 is not CA.</i> | | | | |
| | 3036 | Party name | M | an | 1/35 | Must use |
| | | Description: Name of a party involved in a transaction. | | | | |
| | 3036 | Party name | C | an | 1/35 | Used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3036 | Party name | C | an | 1/35 | Not used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3036 | Party name | C | an | 1/35 | Not used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3036 | Party name | C | an | 1/35 | Not used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3045 | Party name format, coded | C | an | 1/3 | Not used |
| | | Description: Specification of the representation of a party name. | | | | |
| NAD050 | C059 | STREET | C | Comp | | Used |
| | | Description: Street address and/or PO Box number in a structured address: one to three lines. | | | | |
| | | CS Note: <i>CargoSmart can accept 100 chars totally for street information; If more than 100 chars are provided, CargoSmart uses the first 100 chars.</i> | | | | |
| | 3042 | Street and number/p.o. box | M | an | 1/35 | Must use |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| | 3042 | Street and number/p.o. box | C | an | 1/35 | Used |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| | 3042 | Street and number/p.o. box | C | an | 1/35 | Used |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| * | 3042 | Street and number/p.o. box | C | an | 1/35 | Not used |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| NAD060 | 3164 | City name | C | an | 1/35 | Used |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | | Description: Name of a city (a town, a village) for addressing purposes. | | | | |
| NAD070 | 3229 | Country sub-entity identification | C | an | 1/9 | Used |
| | | Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies. | | | | |
| NAD080 | 3251 | Postcode identification | C | an | 1/9 | Used |
| | | Description: Code defining postal zones or addresses. | | | | |
| NAD090 | 3207 | Country, coded | C | an | 1/3 | Used |
| | | Description: Identification of the name of a country or other geographical entity as specified in ISO 3166. | | | | |

CS Note:

Carrier, booking party and shipper must be provided.

Sample:

NAD+CA+OOLU'

NAD+BK+++COMPANY NAME+STREET+SHENZHEN+++CN'

Segment Group 11

| | |
|-------------|---------------|
| Pos: 0480 | Repeat: 9 |
| Conditional | |
| Group: 11 | Elements: N/A |

User Option (Usage): Used

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|-----------------------|---------------|------------|--------------|
| 0490 | CTA | CONTACT INFORMATION | M | 1 | Must use |
| 0500 | COM | COMMUNICATION CONTACT | C | 9 | Used |

CS Note:

Only one contact (one contact name, one phone, one email, and one fax) is acceptable per legal party. Only the first contact information is used if multiple are provided.

CTA CONTACT INFORMATION

| | |
|-----------|-------------|
| Pos: 0490 | Max: 1 |
| Mandatory | |
| Group: 11 | Elements: 2 |

User Option (Usage): Must use

Purpose: To identify a person or a department to whom communication should be directed.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|------------|--|---------------|-------------|----------------|--------------|
| CTA010 | 3139 | Contact function, coded | C | an | 1/3 | Must use |
| Description: Code specifying the function of a contact (e.g. department or person). | | | | | | |
| Code Name | | | | | | |
| BK Booking Party | | | | | | |
| CN Consignee | | | | | | |
| CZ Shipper | | | | | | |
| FW Forwarder | | | | | | |
| CTA020 | C056 | DEPARTMENT OR EMPLOYEE DETAILS | C | Comp | | Must use |
| Description: Code and/or name of a department or employee. Code preferred. | | | | | | |
| * | 3413 | Department or employee identification | C | an | 1/17 | Not used |
| Description: Internal identification code. | | | | | | |
| | 3412 | Department or employee | C | an | 1/35 | Must use |
| Description: The department or person within an organizational entity. | | | | | | |
| CS Note: <i>Department or employee contact name</i> | | | | | | |

Sample:

CTA+BK+:First Name, Last Name'

COM COMMUNICATION CONTACT

| | |
|-------------|-------------|
| Pos: 0500 | Max: 9 |
| Conditional | |
| Group: 11 | Elements: 1 |

User Option (Usage): Used

Purpose: To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|-----------------------|---------------|-------------|----------------|--------------|
| COM010 | C076 | COMMUNICATION CONTACT | M | Comp | | Must use |

Description: Communication number of a department or employee in a specified channel.

| | | | | | |
|------|-----------------------------|---|----|------|----------|
| 3148 | Communication number | M | an | 1/35 | Must use |
|------|-----------------------------|---|----|------|----------|

Description: The communication number.

CS Note:

Phone number must be no more than 30 chars; Email address must be no more than 60 chars.

Recommended phone number format: <country code>-<area code>-<phone number>. For example: 86-755-12345678

| | | | | | |
|------|--|---|----|-----|----------|
| 3155 | Communication channel qualifier | M | an | 1/3 | Must use |
|------|--|---|----|-----|----------|

Description: Code identifying the type of communication channel being used.

Code Name

| | |
|----|-----------------|
| EM | Electronic mail |
| FX | Telefax |
| TE | Telephone |

Sample:

COM+yourmail@email.com:EM'

Segment Group 16

| | |
|-------------|---------------|
| Pos: 0690 | Repeat: 999 |
| Conditional | |
| Group: 16 | Elements: N/A |

User Option (Usage): Must use

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|-----------------------|---------------|------------|--------------|
| 0700 | GID | GOODS ITEM DETAILS | M | 1 | Must use |
| 0710 | HAN | HANDLING INSTRUCTIONS | C | 1 | Used |
| 0720 | TMP | TEMPERATURE | C | 1 | Used |
| 0780 | FTX | FREE TEXT | C | 9 | Must use |
| 0820 | GDS | NATURE OF CARGO | C | 1 | Must use |
| 0830 | | Segment Group 18 | C | 99 | Must use |
| 0860 | | Segment Group 19 | C | 99 | Used |
| 1100 | | Segment Group 27 | C | 9 | Used |

GID GOODS ITEM DETAILS

| | |
|-----------|-------------|
| Pos: 0700 | Max: 1 |
| Mandatory | |
| Group: 16 | Elements: 4 |

User Option (Usage): Must use

Purpose: To indicate totals of a goods item.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--------------------------|---------------|-------------|----------------|--------------|
| GID010 | 1496 | Goods item number | C | n | 1/5 | Used |

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

| | | | | | | |
|--------|------|------------------------------------|---|------|--|------|
| GID020 | C213 | NUMBER AND TYPE OF PACKAGES | C | Comp | | Used |
|--------|------|------------------------------------|---|------|--|------|

Description: Number and type of individual parts of a shipment.

CS Note:

If either of GID020_7224 and GID020_7065 is used, the other must be used.

| | | | | | | |
|------|--|---------------------------|---|---|-----|------|
| 7224 | | Number of packages | C | n | 1/8 | Used |
|------|--|---------------------------|---|---|-----|------|

Description: 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.

| | | | | | | |
|------|--|--|---|----|------|------|
| 7065 | | Type of packages identification | C | an | 1/17 | Used |
|------|--|--|---|----|------|------|

Description: Coded description of the form in which goods are presented.

Code Name

| | |
|-----|---------------------------|
| BAG | Bag |
| BAL | Bale |
| BBL | Barrel |
| BDL | Bundle |
| BIC | Bing chest |
| BIN | Bin |
| BKG | Bulk bag |
| BOB | Bobbin |
| BOT | Bottle |
| BOX | Box |
| BSK | Basket |
| BXT | Bucket |
| CAN | Can |
| CAS | Case |
| CBC | Container bulk cargo |
| CBY | Carboy |
| CCS | Can case |
| CHS | Chest |
| CNA | Household goods container |
| CNT | Container |
| COL | Coil |
| CON | Cones |
| CRD | Cradle |

| <u>Code</u> | <u>Name</u> |
|--------------------|---------------------|
| CRT | Crate |
| CSK | Cask |
| CTN | Carton |
| CUB | Cube |
| CYL | Cylinder |
| DBK | Dry bulk |
| DRM | Drum |
| DUF | Duffle bag |
| FIR | Firkin |
| FLX | Liner bag liquid |
| FRM | Frame |
| FSK | Flask |
| GOH | Garments on hangers |
| HED | Head of beef |
| HGH | Hogshead |
| HPR | Hamper |
| JAR | Jar |
| JUG | Jug |
| KEG | Keg |
| KEG | Keg |
| LBK | Liquid bulk |
| LOG | Log |
| LOG | Log |
| LSE | Loose |
| LSE | Loose |
| LUG | Lugs |
| LUG | Lugs |
| LVN | Lift van |
| MXD | Mixed type pack |
| NOL | Noil |
| OVW | Overwrap |
| PAL | Pail |
| PCS | Piece |
| PIR | Pims |
| PKG | Package |
| PLF | Platform |
| PLT | Pallet |
| POV | Private vehicle |
| PRK | Pipe rack |
| PRK | Pipe rack |
| QTR | Quarter of beef |
| QTR | Quarter of beef |
| RCK | Rack |
| RCK | Rack |
| REL | Reel |
| REL | Reel |
| ROL | Roll |

| Code | Name |
|-------------|-----------------|
| RVR | Reverse reel |
| SAK | Sack |
| SBC | Liner bag dry |
| SCS | Suitcase |
| SHT | Sheet |
| SID | Side of beef |
| SKD | Skid |
| SLP | Slip sheet |
| SLV | Sleeve |
| SPI | Spool |
| TBE | Tube |
| TBN | Tote bin |
| TNK | Tank |
| TRC | Tierce |
| TRI | Triwell box |
| TRK | Trunk |
| TRY | Tray |
| TTC | Tote can |
| TUB | Tub |
| UNP | Unpacked |
| UNT | Unit |
| VEH | Vehicle |
| VPK | Van pack |
| WHE | On own wheel |
| WLC | Wheeled carrier |
| WRP | Wrapped |

| | | | | | | |
|----------|------|--|---|------|------|----------|
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * | 7064 | Type of packages | C | an | 1/35 | Not used |
| | | Description: Description of the form in which goods are presented. | | | | |
| * GID030 | C213 | NUMBER AND TYPE OF PACKAGES | C | Comp | | Not used |
| | | Description: Number and type of individual parts of a shipment. | | | | |
| * | 7224 | Number of packages | C | n | 1/8 | Not used |
| | | Description: 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. | | | | |
| * | 7065 | Type of packages identification | C | an | 1/17 | Not used |
| | | Description: Coded description of the form in which goods are presented. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * | 7064 | Type of packages | C | an | 1/35 | Not used |
| | | Description: Description of the form in which goods are presented. | | | | |
| * GID040 | C213 | NUMBER AND TYPE OF PACKAGES | C | Comp | | Not used |
| | | Description: Number and type of individual parts of a shipment. | | | | |
| * | 7224 | Number of packages | C | n | 1/8 | Not used |
| | | Description: 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. | | | | |
| * | 7065 | Type of packages identification | C | an | 1/17 | Not used |
| | | Description: Coded description of the form in which goods are presented. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * | 7064 | Type of packages | C | an | 1/35 | Not used |
| | | Description: Description of the form in which goods are presented. | | | | |

CS Note:

CargoSmart accepts one goods item only per booking request.

Sample:

GID+1'

HAN HANDLING INSTRUCTIONS

| | |
|-------------|-------------|
| Pos: 0710 | Max: 1 |
| Conditional | |
| Group: 16 | Elements: 2 |

User Option (Usage): Used

Purpose: To specify handling and where necessary, notify hazards.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| HAN010 | C524 | HANDLING INSTRUCTIONS | C | Comp | | Must use |
| | | Description: Instruction for the handling of goods, products or articles in shipment, storage etc. | | | | |
| | 4079 | Handling instructions, coded | C | an | 1/3 | Must use |
| | | Description: Identification of the instructions on how specified goods, packages or containers should be handled. | | | | |
| | | CS Note: <i>Only one of OOD or OSB can be selected between OOD and OSB.</i> | | | | |
| | | Code Name | | | | |
| | | OFU Fumigation | | | | |
| | | OOD Stow on deck | | | | |
| | | OSB Stow below deck | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| | 4078 | Handling instructions | C | an | 1/70 | Used |
| | | Description: Instructions on how specified goods, packages or containers should be handled. | | | | |
| * HAN020 | C218 | HAZARDOUS MATERIAL | C | Comp | | Not used |
| | | Description: To specify a hazardous material. | | | | |
| * | 7419 | Hazardous material class code, identification | C | an | 1/4 | Not used |
| | | Description: Code specifying the kind of hazard for a material. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * | 7418 | Hazardous material class | C | an | 1/35 | Not used |
| | | Description: To specify the kind of hazard for a material. | | | | |

Sample:

TMP TEMPERATURE

| | |
|-------------|-------------|
| Pos: 0720 | Max: 1 |
| Conditional | |
| Group: 16 | Elements: 2 |

User Option (Usage): Used

Purpose: To specify the temperature setting.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|-----------------------|---------------|-------------|----------------|--------------|
| TMP010 | 6245 | Temperature qualifier | M | an | 1/3 | Must use |

Description: A code giving specific meaning to the temperature.

Code Name

2 Transport temperature

| | | | | | | |
|--------|------|---------------------|---|------|--|----------|
| TMP020 | C239 | TEMPERATURE SETTING | C | Comp | | Must use |
|--------|------|---------------------|---|------|--|----------|

Description: The temperature under which the goods are (to be) stored or shipped.

| | | | | | |
|------|---------------------|---|---|-----|----------|
| 6246 | Temperature setting | C | n | 3/3 | Must use |
|------|---------------------|---|---|-----|----------|

Description: The actual temperature value in degrees Celsius (e.g. 008, 020).

| | | | | | |
|------|------------------------|---|----|-----|----------|
| 6411 | Measure unit qualifier | C | an | 1/3 | Must use |
|------|------------------------|---|----|-----|----------|

Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

Code Name

CEL Celsius

FAH Fahrenheit

CS Note:

Only one temperature setting can be used per booking request, and this setting will apply to all containers. Temperature setting must be provided for reefer cargo.

Sample:

TMP+2+010:CEL'

FTX FREE TEXT

| | |
|-------------|-------------|
| Pos: 0780 | Max: 9 |
| Conditional | |
| Group: 16 | Elements: 5 |

User Option (Usage): Must use

Purpose: To provide free form or coded text information.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|------------------------|---------------|-------------|----------------|--------------|
| FTX010 | 4451 | Text subject qualifier | M | an | 1/3 | Must use |

Description: Code specifying subject of a free text.

Code Name

AAA Goods description

Usage:

Must use

HAN Handling instructions

Usage:

Used

ZZ1 Additional reefer information: container atmosphere

Usage:

Must use for reefer cargo

ZZ2 Additional reefer information: CO2 percentage

Usage:

Must use if FTX040_4440 = AFAM

ZZ3 Additional reefer information: O2 percentage

Usage:

Must use if FTX040_4440 = AFAM

ZZ4 Additional reefer information: sensitive cargo

Usage:

Must use if FTX040_4440 = AFAM, CA, MAG, or MA

ZZ5 Additional reefer information: de-humidity percentage

ZZ6 Additional reefer information: pre-cooling

ZZ7 Additional reefer information: generator set

Usage:

Must use for reefer cargo

| | | | | | | |
|----------|------|----------------------|---|----|-----|----------|
| * FTX020 | 4453 | Text function, coded | C | an | 1/3 | Not used |
|----------|------|----------------------|---|----|-----|----------|

Description: Code specifying how to handle the text.

| | | | | | | |
|----------|------|----------------|---|------|--|----------|
| * FTX030 | C107 | TEXT REFERENCE | C | Comp | | Not used |
|----------|------|----------------|---|------|--|----------|

Description: Coded reference to a standard text and its source.

| | | | | | | |
|---|------|--------------------------|---|----|------|----------|
| * | 4441 | Free text identification | M | an | 1/17 | Not used |
|---|------|--------------------------|---|----|------|----------|

Description: Free text in coded form.

| | | | | | | |
|---|------|---------------------|---|----|-----|----------|
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
|---|------|---------------------|---|----|-----|----------|

Description: Identification of a code list.

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|--------------|
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| FTX040 | C108 | TEXT LITERAL | C | Comp | | Must use |
| | | Description: Free text; one to five lines. | | | | |
| | 4440 | Free text | M | an | 1/70 | Must use |
| | | Description: Free text field available to the message sender for information. | | | | |
| | | CS Note: CargoSmart use the first 60 chars as cargo description when FTX010 = AAA. | | | | |

Code Name

BP Blood Plasma

CS Note:

for FTX010 = ZZ4

CA Controlled Atmosphere

CS Note:

for FTX010 = ZZ1

CO Clip On

CS Note:

for FTX010 = ZZ7

IC Ice Cream

CS Note:

for FTX010 = ZZ4

MA Modified Atmosphere

CS Note:

for FTX010 = ZZ1

NP No Preference

CS Note:

for FTX010 = ZZ1

NR Not Required

CS Note:

for FTX010 = ZZ7

NS Not Sensitive

CS Note:

for FTX010 = ZZ4

US Underslung

CS Note:

for FTX010 = ZZ7

MAG Magnum

CS Note:

for FTX010 = ZZ1

OFU Require fumigation by carrier

CS Note:

for FTX010 = HAN

PRC Pre-cooling is needed

Code Name

CS Note:

for FTX010 = ZZ6

AFAM Advance Fresh Air Management

CS Note:

for FTX010 = ZZ1

USDAR USDA Requirement

CS Note:

for FTX010 = ZZ4

| | | | | | | |
|----------|------|------------------------|--|----|------|----------|
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: | Free text field available to the message sender for information. | | | |
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: | Free text field available to the message sender for information. | | | |
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: | Free text field available to the message sender for information. | | | |
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: | Free text field available to the message sender for information. | | | |
| * FTX050 | 3453 | Language, coded | C | an | 1/3 | Not used |
| | | Description: | Code of language (ISO 639-1988). | | | |

CS Note:

Each additional reefer information can be used once only per booking request, and this setting will apply to all containers.

Sample:

FTX+AAA+++GLASS'
FTX+ZZ1+++AFAM'
FTX+ZZ2+++95'
FTX+ZZ3+++5'
FTX+ZZ4+++IC'
FTX+ZZ5+++10'
FTX+ZZ6+++PRC'
FTX+ZZ7+++NR'

GDS NATURE OF CARGO

| | |
|-------------|-------------|
| Pos: 0820 | Max: 1 |
| Conditional | |
| Group: 16 | Elements: 1 |

User Option (Usage): Must use

Purpose: To indicate the type of cargo as a general classification.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| GDS010 | C703 | NATURE OF CARGO | C | Comp | | Must use |
| | | Description: Rough classification of a type of cargo. | | | | |
| | 7085 | Nature of cargo, coded | M | an | 1/3 | Must use |
| | | Description: Code indicating the type of cargo as a rough classification. | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 10 Awkward cargo | | | | |
| | | 11 Dangerous cargo | | | | |
| | | 12 General cargo | | | | |
| | | 14 Reefer cargo | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |

Sample:

GDS+12'

Segment Group 18

| | |
|-------------|---------------|
| Pos: 0830 | Repeat: 99 |
| Conditional | |
| Group: 18 | Elements: N/A |

User Option (Usage): Must use

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|
| 0840 | MEA | MEASUREMENTS | M | 1 | Must use |

MEA MEASUREMENTS

| | |
|-----------|-------------|
| Pos: 0840 | Max: 1 |
| Mandatory | |
| Group: 18 | Elements: 4 |

User Option (Usage): Must use

Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|------------|---|---------------|-------------|----------------|--------------|
| MEA010 | 6311 | Measurement application qualifier | M | an | 1/3 | Must use |
| Description: Specification of the application of the physical measurement used. | | | | | | |
| Code Name | | | | | | |
| WT Weights | | | | | | |
| VOL Volume | | | | | | |
| MEA020 | C502 | MEASUREMENT DETAILS | C | Comp | | Must use |
| Description: Identification of measurement type. | | | | | | |
| | 6313 | Measurement dimension, coded | C | an | 1/3 | Must use |
| Description: Specification of the type of dimension to be measured. | | | | | | |
| Code Name | | | | | | |
| G Gross weight | | | | | | |
| CS Note: | | | | | | |
| <i>weight including the packaging</i> | | | | | | |
| AAS Air flow | | | | | | |
| * | 6321 | Measurement significance, coded | C | an | 1/3 | Not used |
| Description: Code specifying the significance of a measurement value. | | | | | | |
| * | 6155 | Measurement attribute identification | C | an | 1/17 | Not used |
| Description: Code used to specify non-discrete measurement values. | | | | | | |
| * | 6154 | Measurement attribute | C | an | 1/70 | Not used |
| Description: To specify non-discrete measurement values. | | | | | | |
| MEA030 | C174 | VALUE/RANGE | C | Comp | | Must use |
| Description: Measurement value and relevant minimum and maximum tolerances in that order. | | | | | | |
| | 6411 | Measure unit qualifier | M | an | 1/3 | Must use |
| Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. | | | | | | |
| Code Name | | | | | | |
| CBF Cubic feet per minute | | | | | | |
| CBM Cubic meters per hour | | | | | | |
| DGR Degrees | | | | | | |
| KGM Kilograms | | | | | | |
| LBS Pounds | | | | | | |

Code Name

PER Percentage

TON Tons

6314 **Measurement value** C an 1/18 Must use

Description: Value of the measured unit.

CS Note:

CargoSmart accepts 999999999.99 maximum. Weight and volume cannot be negative.

Sample:

1234567890.12

* 6162 **Range minimum** C n 1/18 Not used

Description: Minimum of a range.

* 6152 **Range maximum** C n 1/18 Not used

Description: Maximum of a range.

* 6432 **Significant digits** C n 1/2 Not used

Description: To specify the number of significant digits.

* MEA040 7383 **Surface/layer indicator, coded** C an 1/3 Not used

Description: Code indicating the surface or layer of a product that is being described.

CS Note:

This segment is ventilation information for reefer cargo when MEA010 = VOL and MEA020_6313 = AAS.

This segment is cargo total weight when MEA010 = WT.

Effective as of April 9, 1997, any container with a gross cargo weight exceeding 29,000 lbs carried by truck over U.S. highways must be certified. Failure to comply with federal law or any other applicable laws, rules and regulations can result in delay of the shipment. so, it is highly recommended that customer can provide cargo weight per container in MEA of group 32. However, this is mandatory.

If cargo weight per container is not provided by customer in MEA of group 32, CargoSmart will get cargo weight per container by dividing this cargo total weight by total container number (sum of EQN010_6350).

Sample:

MEA+WT+G+KGM:10000'

MEA+VOL+AAS+CBM:5'

Segment Group 19

| | |
|-------------|---------------|
| Pos: 0860 | Repeat: 99 |
| Conditional | |
| Group: 19 | Elements: N/A |

User Option (Usage): Used

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|
| 0870 | DIM | DIMENSIONS | M | 1 | Must use |

DIM DIMENSIONS

| | |
|-----------|-------------|
| Pos: 0870 | Max: 1 |
| Mandatory | |
| Group: 19 | Elements: 2 |

User Option (Usage): Must use

Purpose: To specify dimensions.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|-------------|----------------|--------------|
| DIM010 | 6145 | Dimension qualifier | M | an | 1/3 | Must use |

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

Code Name

2 Package dimensions (incl. goods)

CS Note:

dimension of the goods including the packaging

9 Off-standard dimension general

CS Note:

dimension that the cargo exceeds the standard dimension

| | | | | | | |
|--------|------|-------------------|---|------|--|----------|
| DIM020 | C211 | DIMENSIONS | M | Comp | | Must use |
|--------|------|-------------------|---|------|--|----------|

Description: Specification of the dimensions of a transportable unit.

| | | | | | | |
|------|--|-------------------------------|---|----|-----|----------|
| 6411 | | Measure unit qualifier | M | an | 1/3 | Must use |
|------|--|-------------------------------|---|----|-----|----------|

Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

Code Name

FT Foot

MT Meter

| | | | | | | |
|------|--|-------------------------|---|---|------|------|
| 6168 | | Length dimension | C | n | 1/15 | Used |
|------|--|-------------------------|---|---|------|------|

Description: Length of pieces or packages stated for transport purposes.

| | | | | | | |
|------|--|------------------------|---|---|------|------|
| 6140 | | Width dimension | C | n | 1/15 | Used |
|------|--|------------------------|---|---|------|------|

Description: Width of pieces or packages stated for transport purposes.

| | | | | | | |
|------|--|-------------------------|---|---|------|------|
| 6008 | | Height dimension | C | n | 1/15 | Used |
|------|--|-------------------------|---|---|------|------|

Description: Height of pieces or packages stated for transport purposes.

Sample:

DIM+9+FT:20:4:5'

Segment Group 27

| | |
|-------------|---------------|
| Pos: 1100 | Repeat: 9 |
| Conditional | |
| Group: 27 | Elements: N/A |

User Option (Usage): Used

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|
| 1110 | DGS | DANGEROUS GOODS | M | 1 | Must use |
| 1120 | FTX | FREE TEXT | C | 99 | Used |
| 1130 | | Segment Group 28 | C | 9 | Used |

DGS DANGEROUS GOODS

| | |
|-----------|--------------|
| Pos: 1110 | Max: 1 |
| Mandatory | |
| Group: 27 | Elements: 13 |

User Option (Usage): Must use

Purpose: To identify dangerous goods.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| DGS010 | 8273 | Dangerous goods regulations, coded | C | an | 1/3 | Used |
| | | Description: Code indicating the regulation, international or national, applicable for a means of transport. | | | | |
| | | Code Name | | | | |
| | | IMD IMO IMDG code | | | | |
| DGS020 | C205 | HAZARD CODE | C | Comp | | Used |
| | | Description: The identification of the dangerous goods in code. | | | | |
| | 8351 | Hazard code identification | M | an | 1/7 | Must use |
| | | Description: Dangerous goods code. | | | | |
| | 8078 | Hazard substance/item/page number | C | an | 1/7 | Used |
| | | Description: Number giving additional hazard code classification of a goods item within the applicable dangerous goods regulation. | | | | |
| | | CS Note: | | | | |
| | | <i>CargoSmart accepts 5 chars only. The file will be rejected if this element has more than 5 chars.</i> | | | | |
| * | 8092 | Hazard code version number | C | an | 1/10 | Not used |
| | | Description: The version/revision number of date of issuance of the code used. | | | | |
| DGS030 | C234 | UNDG INFORMATION | C | Comp | | Used |
| | | Description: Information on United Nations Dangerous Goods classification. | | | | |
| | 7124 | UNDG number | C | n | 4/4 | Used |
| | | Description: Unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried. | | | | |
| * | 7088 | Dangerous goods flashpoint | C | an | 1/8 | Not used |
| | | Description: Lowest temperature, in the case of dangerous goods, at which vapour from an inflammable liquid forms an ignitable mixture with air. | | | | |
| DGS040 | C223 | DANGEROUS GOODS SHIPMENT FLASHPOINT | C | Comp | | Used |
| | | Description: Temperature at which a vapor according to ISO 1523/73 can be ignited. | | | | |
| | 7106 | Shipment flashpoint | C | n | 3/3 | Used |
| | | Description: Temperature in centigrade determined by the closed cup test as per ISO 1523/73 where a vapour is given off that can be ignited. | | | | |
| | 6411 | Measure unit qualifier | C | an | 1/3 | Must use |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | | Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. | | | | |
| | | Code Name | | | | |
| | | CEL Celsius | | | | |
| | | FAH Fahrenheit | | | | |
| DGS050 | 8339 | Packing group, coded | C | an | 1/3 | Used |
| | | Description: Identification of a packing group by code. | | | | |
| | | Code Name | | | | |
| | | I Great danger | | | | |
| | | II Medium danger | | | | |
| | | III Minor danger | | | | |
| * DGS060 | 8364 | EMS number | C | an | 1/6 | Not used |
| | | Description: Emergency procedures for ships carrying dangerous goods. | | | | |
| * DGS070 | 8410 | MFAG | C | an | 1/4 | Not used |
| | | Description: Medical first aid guide. | | | | |
| * DGS080 | 8126 | Trem card number | C | an | 1/10 | Not used |
| | | Description: The identification of a transport emergency card giving advice for emergency actions. | | | | |
| * DGS090 | C235 | HAZARD IDENTIFICATION | C | Comp | | Not used |
| | | Description: Identification of the Orange placard required on the means of transport. | | | | |
| * | 8158 | Hazard identification number, upper part | C | an | 1/4 | Not used |
| | | Description: The id. number for the Orange Placard (upper part) required on the means of transport. | | | | |
| * | 8186 | Substance identification number, lower part | C | an | 4/4 | Not used |
| | | Description: The number for the Orange Placard (lower part) required on the means of transport. | | | | |
| * DGS100 | C236 | DANGEROUS GOODS LABEL | C | Comp | | Not used |
| | | Description: Markings identifying the type of hazardous goods and similar information. | | | | |
| * | 8246 | Dangerous goods label marking | C | an | 1/4 | Not used |
| | | Description: Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. | | | | |
| * | 8246 | Dangerous goods label marking | C | an | 1/4 | Not used |
| | | Description: Marking identifying the type of hazardous goods (substance), Loading/Unloading instructions and advising actions in case of emergency. | | | | |
| * | 8246 | Dangerous goods label marking | C | an | 1/4 | Not used |
| | | Description: Marking identifying the type of hazardous goods (substance), | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | | Loading/Unloading instructions and advising actions in case of emergency. | | | | |
| * DGS110 | 8255 | Packing instruction, coded | C | an | 1/3 | Not used |
| | | Description: Code defining the quantity and the type of package in which a product is allowed to be shipped in a passenger or freight aircraft. | | | | |
| * DGS120 | 8325 | Category of means of transport, coded | C | an | 1/3 | Not used |
| | | Description: Identification of the type of means of transport determined to carry particular goods, not necessarily being hazardous. | | | | |
| * DGS130 | 8211 | Permission for transport, coded | C | an | 1/3 | Not used |
| | | Description: Code giving evidence that transportation of particular hazardous cargo is permitted and identifies the restrictions being put upon a particular transport. | | | | |

Sample:

DGS+IMD+++100:CEL+II'

FTX FREE TEXT

| | |
|-------------|-------------|
| Pos: 1120 | Max: 99 |
| Conditional | |
| Group: 27 | Elements: 5 |

User Option (Usage): Used

Purpose: To provide free form or coded text information.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| FTX010 | 4451 | Text subject qualifier | M | an | 1/3 | Must use |
| | | Description: Code specifying subject of a free text. | | | | |
| | | Code Name | | | | |
| | | AAC Dangerous goods additional information | | | | |
| | | AAD Dangerous goods, technical name | | | | |
| * FTX020 | 4453 | Text function, coded | C | an | 1/3 | Not used |
| | | Description: Code specifying how to handle the text. | | | | |
| * FTX030 | C107 | TEXT REFERENCE | C | Comp | | Not used |
| | | Description: Coded reference to a standard text and its source. | | | | |
| * | 4441 | Free text identification | M | an | 1/17 | Not used |
| | | Description: Free text in coded form. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| FTX040 | C108 | TEXT LITERAL | C | Comp | | Used |
| | | Description: Free text; one to five lines. | | | | |
| | 4440 | Free text | M | an | 1/70 | Must use |
| | | Description: Free text field available to the message sender for information. | | | | |
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: Free text field available to the message sender for information. | | | | |
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: Free text field available to the message sender for information. | | | | |
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: Free text field available to the message sender for information. | | | | |
| * | 4440 | Free text | C | an | 1/70 | Not used |
| | | Description: Free text field available to the message sender for information. | | | | |
| * FTX050 | 3453 | Language, coded | C | an | 1/3 | Not used |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | | Description: Code of language (ISO 639-1988). | | | | |

Sample:

FTX+AAD+++Dangerous goods, tech name'

FTX+AAC+++Dangerous goods, additional info'

Segment Group 28

| | |
|-------------|---------------|
| Pos: 1130 | Repeat: 9 |
| Conditional | |
| Group: 28 | Elements: N/A |

User Option (Usage): Used

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|-----------------------|---------------|------------|--------------|
| 1140 | CTA | CONTACT INFORMATION | M | 1 | Must use |
| 1150 | COM | COMMUNICATION CONTACT | C | 9 | Used |

CTA CONTACT INFORMATION

| | |
|-----------|-------------|
| Pos: 1140 | Max: 1 |
| Mandatory | |
| Group: 28 | Elements: 2 |

User Option (Usage): Must use

Purpose: To identify a person or a department to whom communication should be directed.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| CTA010 | 3139 | Contact function, coded | C | an | 1/3 | Used |
| | | Description: Code specifying the function of a contact (e.g. department or person). | | | | |
| | | Code Name | | | | |
| | | HG Dangerous goods contact | | | | |
| CTA020 | C056 | DEPARTMENT OR EMPLOYEE DETAILS | C | Comp | | Used |
| | | Description: Code and/or name of a department or employee. Code preferred. | | | | |
| * | 3413 | Department or employee identification | C | an | 1/17 | Not used |
| | | Description: Internal identification code. | | | | |
| | 3412 | Department or employee | C | an | 1/35 | Used |
| | | Description: The department or person within an organizational entity. | | | | |

Sample:

CTA+HG+:First Name, Last Name'

COM COMMUNICATION CONTACT

| | |
|-------------|-------------|
| Pos: 1150 | Max: 9 |
| Conditional | |
| Group: 28 | Elements: 1 |

User Option (Usage): Used

Purpose: To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| COM010 | C076 | COMMUNICATION CONTACT | M | Comp | | Must use |
| | | Description: Communication number of a department or employee in a specified channel. | | | | |
| | 3148 | Communication number | M | an | 1/512 | Must use |
| | | Description: The communication number. | | | | |
| | 3155 | Communication channel qualifier | M | an | 1/3 | Must use |
| | | Description: Code identifying the type of communication channel being used. | | | | |
| | | Code Name | | | | |
| | | TE Telephone | | | | |

Sample:

COM+?+86-0755-12345678:TE'

Segment Group 32

| | |
|-------------|---------------|
| Pos: 1240 | Repeat: 999 |
| Conditional | |
| Group: 32 | Elements: N/A |

User Option (Usage): Must use

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|
| 1250 | EQD | EQUIPMENT DETAILS | M | 1 | Must use |
| 1260 | EQN | NUMBER OF UNITS | C | 1 | Used |
| 1280 | MEA | MEASUREMENTS | C | 9 | Used |
| 1340 | | Segment Group 33 | C | 9 | Used |

EQD EQUIPMENT DETAILS

| | |
|-----------|-------------|
| Pos: 1250 | Max: 1 |
| Mandatory | |
| Group: 32 | Elements: 6 |

User Option (Usage): Must use

Purpose: To identify a unit of equipment.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|--------------------------------|----------------|--------------|
| EQD010 | 8053 | Equipment qualifier | M | an | 1/3 | Must use |
| | | Description: Code identifying type of equipment. | | | | |
| | | Code Name | | | | |
| | | CN | | Container | | |
| EQD020 | C237 | EQUIPMENT IDENTIFICATION | C | Comp | | Used |
| | | Description: Marks (letters and/or numbers) identifying equipment used for transport such as a container. | | | | |
| | 8260 | Equipment identification number | C | an | 1/17 | Used |
| | | Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device. | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| | | Description: Identification of a code list. | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| | | Description: Code identifying the agency responsible for a code list. | | | | |
| * | 3207 | Country, coded | C | an | 1/3 | Not used |
| | | Description: Identification of the name of a country or other geographical entity as specified in ISO 3166. | | | | |
| EQD030 | C224 | EQUIPMENT SIZE AND TYPE | C | Comp | | Must use |
| | | Description: Code and/or name identifying size and type of equipment used in transport. Code preferred. | | | | |
| | 8155 | Equipment size and type identification | C | an | 1/10 | Must use |
| | | Description: Coded description of the size and type of equipment e.g. unit load device. | | | | |
| | | Code Name | | | | |
| | | 20AC | | 20' AIR CONTAINER - < 4' HIGH | | |
| | | 20AC | | 20' AIR CONTAINER - =< 4' HIGH | | |
| | | 20AC | | 20' AIR CONTAINER | | |
| | | 20AC | | 20' HH W/TUNNEL AIR CONTAINER | | |
| | | 20AC | | 20' HQ AIR CONTAINER | | |
| | | 20AC | | 20' X8' AIR CONTAINER | | |
| | | 20BK | | 20' BULKER - <4' HIGH | | |
| | | 20BK | | 20' BULKER - =<4' HIGH | | |
| | | 20BK | | 20' BULKER | | |
| | | 20BK | | 20' HH W/TUNNEL BULKER | | |

| Code | Name |
|-------------|--|
| 20BK | 20' HQ BULKER |
| 20BK | 20' X8' BULKER |
| 20FL | 20' FL W/FOLD POSTS |
| 20FL | 20' FLATRACK - W/FOLD ENDS |
| 20FL | 20' FLATRACK - W/FOLD POSTS |
| 20FL | 20' FLATRACK - W/OPEN SIDE W/ROOF |
| 20FL | 20' FLATRACK |
| 20FL | 20' HH W/TUNNEL FL W/FOLD POST |
| 20FL | 20' HH W/TUNNEL FL W/OPEN SIDE W/ROOF |
| 20FL | 20' HH W/TUNNEL FLATRACK |
| 20FL | 20' HQ FL W/OPEN SIDE W/ROOF |
| 20FL | 20' HQ FL W/OPEN SIDE W/ROOF |
| 20FL | 20' HQ FLATRACK |
| 20FL | 20' X8' FLATRACK |
| 20FL | 20'HQ FLATRACK |
| 20GP | 20' GENERAL PURPOSE 8'6 |
| 20GP | 20' GP <4' HIGH |
| 20GP | 20' GP 8'6" WITH TUNNEL |
| 20GP | 20' HH GP W/TUNNEL |
| 20GP | 20' X 8'6 GENERAL PURPOSE |
| 20GP | 20' X8'6 VENT CROSS-SECTION < 25CM2 |
| 20HG | 20' GP WITH HANGER BAR - 8'6 |
| 20HG | 20' GP WITH HANGER BAR |
| 20HG | GP CONTAINER WITH HANGER BAR INSTALLED |
| 20HH | 20' HALF HEIGHT OPEN TOP |
| 20HH | 20' HH OP W/REMOVE TOP MEMBER <4' |
| 20HH | 20' HH OP W/REMOVE TOP MEMBER |
| 20HH | 20' HH OT W/2 SIDES SLOT OPENING <4' |
| 20HH | 20' HH OT W/2 SIDES SLOT OPENING |
| 20HQ | 20' HQ W/TUNNEL VENT SECTION <25CM2 |
| 20HQ | 20' X9'6 GENERAL PURPOSE |
| 20IH | 20' HQ ISULATED & HEATED |
| 20IH | 20' INSULATED & HEATED |
| 20IH | 20' X8' INSULATED & HEATED |
| 20LQ | 20' GENERAL PURPOSE 8' |
| 20LQ | 20' VENT SECTION <25CM2 |
| 20LQ | 20' X8' GENERAL PURPOSE |
| 20LQ | 20' X8' VENT SECTION <25CM2 |
| 20MU | 20' GP with NITEC Mother Unit |
| 20OS | 20' OT W/OPEN SIDE |
| 20OT | 20' HQ OPEN TOP |
| 20OT | 20' HQ OT W/REMOVE TOP MEMBER |
| 20OT | 20' OPEN TOP |
| 20OT | 20' OT W/OPEN SIDE |
| 20OT | 20' OT W/REMOVE TOP MEMBERS |
| 20OT | 20' X8' OPEN TOP |
| 20OT | 20' X8' OT W/REMOVE TOP MEMBERS |

| Code | Name |
|-------------|--|
| 20PL | 20' PL W/FOLD POST <4' HIGH |
| 20PL | 20' PL W/FOLD POST =<4' HIGH |
| 20PL | 20' PL W/OPEN SIDE W/ROOF <4' HIGH |
| 20PL | 20' PL W/OPEN SIDE W/ROOF =<4' |
| 20PL | 20' PLATFORM <4' HIGH |
| 20PL | 20' PLATFORM |
| 20RF | 20' HH W/TUNNEL REEFER |
| 20RF | 20' INSULATED W/MOUNT FACIL. |
| 20RF | 20' REEFER - 8'6 |
| 20RF | 20' REEFER <4' |
| 20RF | 20' REEFER |
| 20RF | 20' X8' INSULATED W/MOUNT FACIL. |
| 20RF | 20' X8' REEFER |
| 20RQ | 20' REEFER -9'6 |
| 20SJ | 20' SUPER JUMBO |
| 20TF | 20' TANK FRAME |
| 20TF | 20' X8' TANK FRAME |
| 20TK | 20' 8'6 TK, dangerous liquids, min press 150 kPa |
| 20TK | 20' HQ TANK |
| 20TK | 20' tank for gases, min. pressure 910 kPa |
| 20TK | 20' TANK |
| 20TK | 20' X8' TANK |
| 20TK | 20'x8' tank, dangerous liquids min press 6 ba |
| 20VT | 20' GP VENT AT LOWER & UPPER PARTS |
| 20VT | 20' VENTILATED |
| 20VT | 20' X9' VENTILATED |
| 20XX | 20' GP =<4' |
| 20XX | 20' HH GP W/TUNNEL |
| 20XX | 20' HH OT W/TUNNEL & REMOVE TOP MEMBER |
| 20XX | 20' HH W/TUNNEL FL W/FOLD POST |
| 20XX | 20' HH W/TUNNEL FL W/OPEN SIDE W/ROOF |
| 20XX | 20' HH W/TUNNEL FLATRACK |
| 20XX | 20' HH W/TUNNEL REEFER |
| 20XX | 20' OT W/REMOVE TOP MEMBER =<4' |
| 20XX | 20' REEFER =<4' |
| 20XX | 20' Tote Bin Container |
| 40AC | 40' AIR CONTAINER - =< 4' HIGH |
| 40AC | 40' AIR CONTAINER |
| 40AC | 40' HH W/TUNNER AIR CONTAINER < 4' HIGH |
| 40AC | 40' HH W/TUNNER AIR CONTAINER |
| 40AC | 40' HX AIR CONTAINER - 9'6 |
| 40AC | 40' X8' AIR CONTAINER |
| 40BK | 40' BULKER - =<4' HIGH |
| 40BK | 40' BULKER 8'6 |
| 40BK | 40' HH W/TUNNER BULKER < 4' HIGH |
| 40BK | 40' HH W/TUNNER BULKER |
| 40BK | 40' HX BULKER - 9'6 |

| Code | Name |
|-------------|--|
| 40BK | 40' X8' BULKER |
| 40FL | 40' FL W/OPEN SIDE W/ROOF |
| 40FL | 40' FL W/TUNNEL & FIXED END |
| 40FL | 40' FL W/TUNNEL & FOLD ENDS |
| 40FL | 40' FL W/TUNNEL & FOLD POST |
| 40FL | 40' FL W/TUNNEL, OPEN SIDE W/ROOF |
| 40FL | 40' FL WITH FIXED END AND WITHOUT TUNNEL |
| 40FL | 40' FLATRACK W/FOLD POST |
| 40FL | 40' FLATRACK |
| 40FL | 40' HH FL W/TUNNEL & FOLD END |
| 40FL | 40' HH FL W/TUNNEL, OPEN SIDE W/ROOF |
| 40FL | 40' HH FLATRACK W/TUNNEL |
| 40FL | 40' HQ FL W/FOLD POST |
| 40FL | 40' HQ FL W/OPEN SIDE W/ROOF |
| 40FL | 40' HQ FLATRACK |
| 40FL | 40' HX FL W/FOLD POST |
| 40FL | 40' HX FL W/OPEN SIDE W/ROOF |
| 40FL | 40' HX FLATRACK |
| 40FL | 40' X8' FL W/OPEN SIDE W/ROOF |
| 40FL | 40' X8' FLATRACK W/FOLD POST |
| 40GP | 40' GENERAL PURPOSE < 4' HIGH |
| 40GP | 40' GENERAL PURPOSE 8'6 WITH TUNNEL |
| 40GP | 40' GENERAL PURPOSE 8'6 |
| 40GP | 40' GP W/TUNNEL VENT SECTION < 25CM2 |
| 40GP | 40' HH GP W/TUNNEL |
| 40GP | 40 X 8'6 GENERAL PURPOSE |
| 40GP | 40' X8' GENERAL PURPOSE |
| 40GX | 40' GENERAL PURPOSE 8'6 WITHOUT TUNNEL |
| 40GX | 40' X 8'6 VENT SECTION < 25CM2 |
| 40HG | 40' GENERAL PURPOSE WITH HANGER BAR |
| 40HG | 40' GENERAL PURPOSE WITH HANGER |
| 40HH | 40' HALF HEIGHT OPEN TOP WITH TUNNEL |
| 40HH | 40' HALF HEIGHT OPEN TOP WITHOUT TUNNEL |
| 40HH | 40' HALF HEIGHT OPEN TOP |
| 40HH | 40' HALF HEIGHT W/TUNNEL REEFER |
| 40HH | 40 HH OT W/TUNNEL & REMOVE TOP MEMBER |
| 40HQ | 40' GP W/TUNNEL - 9'6 |
| 40HQ | 40 X 9'6, VENT<25CM2 |
| 40HQ | 40' X 9'6 |
| 40HQ | 40' X9'6 W/TUNNEL VENT SECTION < 25CM2 |
| 40HX | 40' GP W/OUT TUNNEL - 9'6 |
| 40HX | 40' HX VENT SECTION < 25CM2 |
| 40IH | 40' INSULATED & HEATED |
| 40IH | 40' X8' INSULATED & HEATED |
| 40MU | 40' GP with NITEC Mother Unit |
| 40OT | 40' HQ OPEN TOP - 9'6 |
| 40OT | 40' HQ OPEN TOP W/REMOVE TOP MEMBER |

| Code | Name |
|-------------|---|
| 40OT | 40' HQ OPEN TOP |
| 40OT | 40' OPEN TOP 8'6 WITH TUNNEL |
| 40OT | 40' OPEN TOP 8'6WITHOUT TUNNEL |
| 40OT | 40' OPEN TOP 8'6 |
| 40OT | 40' OT <4' HIGH |
| 40OT | 40' OT W/REMOVE TOP MEMBER - <4' HIGH |
| 40OT | 40' OT W/REMOVE TOP MEMBER |
| 40OT | 40' OT W/TUNNEL & REMOVE TOP MEMBER |
| 40OT | 40' X 8' OT W/REMOVE TOP MEMBER |
| 40PL | 40' LQ PLATFORM (8') |
| 40PL | 40' PL W/OPEN SIDE W/ROOF <4' HIGH |
| 40PL | 40' PL W/OPEN SIDE W/ROOF |
| 40PL | 40' PLATFORM < 4' HIGH |
| 40PL | 40' PLATFORM W/FOLD POST < 4' HIGH |
| 40PL | 40' PLATFORM W/FOLD POST |
| 40PL | 40' PLATFORM |
| 40RF | 40' REEFER - < 4' HIGH |
| 40RF | 40' REEFER (PORTHOLE INSULATED) |
| 40RF | 40' REEFER 8'6 WITH TUNNEL |
| 40RF | 40' REEFER 8'6 WITHOUT TUNNEL |
| 40RF | 40' REEFER 8'6 |
| 40RF | 40' X8' REEFER |
| 40RQ | 40 HQ REEFER - 9'6 |
| 40RQ | 40' HQ REEFER |
| 40RQ | 40' REEFER WITH HEIGHT > 8'6 |
| 40SJ | SUPER JUMBO |
| 40TK | 40' TANK W/TUNNEL |
| 40TK | 40' TANK |
| 40TK | 40' X8' TANK |
| 40TK | 40'x4'0/4'3"x8' w/tunnel |
| 40VT | 40' GP W/TUNNEL VENT SECTION >25CM2 |
| 40VT | 40' VENTILATED |
| 40VT | 40' X8' VENTILATED |
| 40VT | 40'GP VENT AT LOWER & UPPER PARTS |
| 40XX | 40' GENERAL PURPOSE < 4' HIGH |
| 40XX | 40' GENERAL PURPOSE 8'6' WITHOUT TUNNEL |
| 40XX | 40' HALF HEIGHT W/TUNNEL REEFER |
| 40XX | 40' HH FL W/TUNNEL & FOLD END |
| 40XX | 40' HH FL W/TUNNEL, OPEN SIDE W/ROOF |
| 40XX | 40' HH FLATRACK W/TUNNEL |
| 40XX | 40' HH GP W/TUNNEL |
| 40XX | 40' MISCELLANEOUS |
| 40XX | 40' OT W/REMOVE TOP MEMBER - =<4' HIGH |
| 40XX | 40' REEFER - < 4' HIGH |
| 45GP | 45' GP W/TUNNEL (ALUM) -8'6 |
| 45GP | 45' GP W/TUNNEL VENT SECTION<25CM2 8'6 |
| 45HQ | 45' GP W/TUNNEL (ALUM) - 9'6 |

Code Name

45HQ 45' GP W/TUNNEL VENT SECTION<25CM2 9'6

45HQ 45' HIGH CUBE

45RQ 45RQ

* 1131 **Code list qualifier** C an 1/3 Not used

Description: Identification of a code list.

* 3055 **Code list responsible agency, coded** C an 1/3 Not used

Description: Code identifying the agency responsible for a code list.

* 8154 **Equipment size and type** C an 1/35 Not used

Description: Plain language description of the size and type of equipment e.g. unit load device.

EQD040 8077 **Equipment supplier, coded** C an 1/3 Used

Description: To indicate the party that is the supplier of the equipment.

Code Name

1 Shipper supplied

2 Carrier supplied

* EQD050 8249 **Equipment status, coded** C an 1/3 Not used

Description: Indication of the action related to the equipment.

* EQD060 8169 **Full/empty indicator, coded** C an 1/3 Not used

Description: To indicate the extent to which the equipment is full or empty.

Sample:

EQD+CN++20GP'

EQN NUMBER OF UNITS

| | |
|-------------|-------------|
| Pos: 1260 | Max: 1 |
| Conditional | |
| Group: 32 | Elements: 1 |

User Option (Usage): Used

Purpose: To specify the number of units.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|--------------|
| EQN010 | C523 | NUMBER OF UNIT DETAILS | M | Comp | | Must use |
| | | Description: Identification of number of units and its purpose. | | | | |
| | 6350 | Number of units | C | n | 1/15 | Must use |
| | | Description: Number of units of a certain type. | | | | |
| | | CS Note: <i>CargoSmart can accept 9999 at most.</i> | | | | |
| * | 6353 | Number of units qualifier | C | an | 1/3 | Not used |
| | | Description: Indication of the objective of number of units information. | | | | |

Sample:

EQN+1'

MEA MEASUREMENTS

| | |
|-------------|-------------|
| Pos: 1280 | Max: 9 |
| Conditional | |
| Group: 32 | Elements: 4 |

User Option (Usage): Used

Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|------------|---|---------------|-------------|----------------|--------------|
| MEA010 | 6311 | Measurement application qualifier | M | an | 1/3 | Must use |
| Description: Specification of the application of the physical measurement used. | | | | | | |
| Code Name | | | | | | |
| WT Weights | | | | | | |
| MEA020 | C502 | MEASUREMENT DETAILS | C | Comp | | Used |
| Description: Identification of measurement type. | | | | | | |
| | 6313 | Measurement dimension, coded | C | an | 1/3 | Used |
| Description: Specification of the type of dimension to be measured. | | | | | | |
| Code Name | | | | | | |
| G Gross weight | | | | | | |
| CS Note: | | | | | | |
| <i>weight including the packaging</i> | | | | | | |
| * | 6321 | Measurement significance, coded | C | an | 1/3 | Not used |
| Description: Code specifying the significance of a measurement value. | | | | | | |
| * | 6155 | Measurement attribute identification | C | an | 1/17 | Not used |
| Description: Code used to specify non-discrete measurement values. | | | | | | |
| * | 6154 | Measurement attribute | C | an | 1/70 | Not used |
| Description: To specify non-discrete measurement values. | | | | | | |
| MEA030 | C174 | VALUE/RANGE | C | Comp | | Used |
| Description: Measurement value and relevant minimum and maximum tolerances in that order. | | | | | | |
| | 6411 | Measure unit qualifier | M | an | 1/3 | Must use |
| Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. | | | | | | |
| Code Name | | | | | | |
| KGM Kilograms | | | | | | |
| LBS Pounds | | | | | | |
| TON Tons | | | | | | |
| | 6314 | Measurement value | C | an | 1/18 | Used |
| Description: Value of the measured unit. | | | | | | |
| CS Note: | | | | | | |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | | <i>CargoSmart accepts 9999999999.99 maximum. Weight and volume cannot be negative.</i> | | | | |
| | | Sample: 1234567890.12 | | | | |
| * | 6162 | Range minimum | C | n | 1/18 | Not used |
| | | Description: Minimum of a range. | | | | |
| * | 6152 | Range maximum | C | n | 1/18 | Not used |
| | | Description: Maximum of a range. | | | | |
| * | 6432 | Significant digits | C | n | 1/2 | Not used |
| | | Description: To specify the number of significant digits. | | | | |
| * MEA040 | 7383 | Surface/layer indicator, coded | C | an | 1/3 | Not used |
| | | Description: Code indicating the surface or layer of a product that is being described. | | | | |

CS Note:

This is the cargo weight per container.

Sample:

MEA+WT+G+KGM:10000'

Segment Group 33

| | |
|-------------|---------------|
| Pos: 1340 | Repeat: 9 |
| Conditional | |
| Group: 33 | Elements: N/A |

User Option (Usage): Used

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|---------------------|---------------|------------|--------------|
| 1350 | NAD | NAME AND ADDRESS | M | 1 | Must use |
| 1360 | DTM | DATE/TIME/PERIOD | C | 1 | Used |
| 1370 | | Segment Group 34 | C | 9 | Used |

NAD NAME AND ADDRESS

| | |
|-----------|-------------|
| Pos: 1350 | Max: 1 |
| Mandatory | |
| Group: 33 | Elements: 9 |

User Option (Usage): Must use

Purpose: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|------------|--|---------------|-------------|----------------|--------------|
| NAD010 | 3035 | Party qualifier | M | an | 1/3 | Must use |
| Description: Code giving specific meaning to a party. | | | | | | |
| Code Name | | | | | | |
| SF Ship from | | | | | | |
| * NAD020 | C082 | PARTY IDENTIFICATION DETAILS | C | Comp | | Not used |
| Description: Identification of a transaction party by code. | | | | | | |
| * | 3039 | Party id. identification | M | an | 1/35 | Not used |
| Description: Code identifying a party involved in a transaction. | | | | | | |
| * | 1131 | Code list qualifier | C | an | 1/3 | Not used |
| Description: Identification of a code list. | | | | | | |
| * | 3055 | Code list responsible agency, coded | C | an | 1/3 | Not used |
| Description: Code identifying the agency responsible for a code list. | | | | | | |
| * NAD030 | C058 | NAME AND ADDRESS | C | Comp | | Not used |
| Description: Unstructured name and address: one to five lines. | | | | | | |
| * | 3124 | Name and address line | M | an | 1/35 | Not used |
| Description: Free form name and address description. | | | | | | |
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| Description: Free form name and address description. | | | | | | |
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| Description: Free form name and address description. | | | | | | |
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| Description: Free form name and address description. | | | | | | |
| * | 3124 | Name and address line | C | an | 1/35 | Not used |
| Description: Free form name and address description. | | | | | | |
| NAD040 | C080 | PARTY NAME | C | Comp | | Used |
| Description: Identification of a transaction party by name, one to five lines. Party name may be formatted. | | | | | | |
| | 3036 | Party name | M | an | 1/35 | Must use |

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| | | Description: Name of a party involved in a transaction. | | | | |
| | 3036 | Party name | C | an | 1/35 | Used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3036 | Party name | C | an | 1/35 | Not used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3036 | Party name | C | an | 1/35 | Not used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3036 | Party name | C | an | 1/35 | Not used |
| | | Description: Name of a party involved in a transaction. | | | | |
| * | 3045 | Party name format, coded | C | an | 1/3 | Not used |
| | | Description: Specification of the representation of a party name. | | | | |
| NAD050 | C059 | STREET | C | Comp | | Must use |
| | | Description: Street address and/or PO Box number in a structured address: one to three lines. | | | | |
| | 3042 | Street and number/p.o. box | M | an | 1/35 | Must use |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| | 3042 | Street and number/p.o. box | C | an | 1/35 | Used |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| | 3042 | Street and number/p.o. box | C | an | 1/35 | Used |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| * | 3042 | Street and number/p.o. box | C | an | 1/35 | Not used |
| | | Description: Street and number in plain language, or Post Office Box No. | | | | |
| NAD060 | 3164 | City name | C | an | 1/35 | Used |
| | | Description: Name of a city (a town, a village) for addressing purposes. | | | | |
| NAD070 | 3229 | Country sub-entity identification | C | an | 1/9 | Used |
| | | Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies. | | | | |
| NAD080 | 3251 | Postcode identification | C | an | 1/9 | Used |
| | | Description: Code defining postal zones or addresses. | | | | |
| NAD090 | 3207 | Country, coded | C | an | 1/3 | Used |
| | | Description: Identification of the name of a country or other geographical entity as specified in ISO 3166. | | | | |

Sample:

NAD+SF+++COMPANY NAME+STREET+SHENZHEN+++CN'

DTM DATE/TIME/PERIOD

| | |
|-------------|-------------|
| Pos: 1360 | Max: 1 |
| Conditional | |
| Group: 33 | Elements: 1 |

User Option (Usage): Used

Purpose: To specify date, and/or time, or period.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------------------------|
| DTM010 | C507 | DATE/TIME/PERIOD | M | Comp | | Must use |
| | | Description: Date and/or time, or period relevant to the specified date/time/period type. | | | | |
| 2005 | | Date/time/period qualifier | M | an | 1/3 | Must use |
| | | Description: Code giving specific meaning to a date, time or period. | | | | |
| | | Code Name | | | | |
| | | 201 | | | | Pick-up date/time of equipment |
| 2380 | | Date/time/period | C | an | 1/35 | Used |
| | | Description: The value of a date, a date and time, a time or of a period in a specified representation. | | | | |
| 2379 | | Date/time/period format qualifier | C | an | 1/3 | Used |
| | | Description: Specification of the representation of a date, a date and time or of a period. | | | | |
| | | Code Name | | | | |
| | | 102 | | | | CCYYMMDD |
| | | 204 | | | | CCYYMMDDHHMMSS |

Sample:

DTM+201:20070607:102'

Segment Group 34

| | |
|-------------|---------------|
| Pos: 1370 | Repeat: 9 |
| Conditional | |
| Group: 34 | Elements: N/A |

User Option (Usage): Used

Purpose:

Segment Group Summary:

| <u>Pos</u> | <u>Tag</u> | <u>Segment Name</u> | <u>Status</u> | <u>Rep</u> | <u>Usage</u> |
|------------|------------|-----------------------|---------------|------------|--------------|
| 1380 | CTA | CONTACT INFORMATION | M | 1 | Must use |
| 1390 | COM | COMMUNICATION CONTACT | C | 9 | Used |

CTA CONTACT INFORMATION

| | |
|-----------|-------------|
| Pos: 1380 | Max: 1 |
| Mandatory | |
| Group: 34 | Elements: 2 |

User Option (Usage): Must use

Purpose: To identify a person or a department to whom communication should be directed.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|------------|--|---------------|-------------|----------------|--------------|
| CTA010 | 3139 | Contact function, coded | C | an | 1/3 | Used |
| Description: Code specifying the function of a contact (e.g. department or person). | | | | | | |
| Code Name | | | | | | |
| SF Ship from | | | | | | |
| CTA020 | C056 | DEPARTMENT OR EMPLOYEE DETAILS | C | Comp | | Used |
| Description: Code and/or name of a department or employee. Code preferred. | | | | | | |
| 3413 | | Department or employee identification | C | an | 1/17 | Not used |
| Description: Internal identification code. | | | | | | |
| 3412 | | Department or employee | C | an | 1/35 | Used |
| Description: The department or person within an organizational entity. | | | | | | |
| CS Note: | | | | | | |
| <i>Department or employee contact name</i> | | | | | | |

Sample:

CTA+BK+:First Name, Last Name'

COM COMMUNICATION CONTACT

| | |
|-------------|-------------|
| Pos: 1390 | Max: 9 |
| Conditional | |
| Group: 34 | Elements: 1 |

User Option (Usage): Used

Purpose: To identify a communication number of a department or a person to whom communication should be directed.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|--|---------------|-------------|----------------|--------------|
| COM010 | C076 | COMMUNICATION CONTACT | M | Comp | | Must use |
| | | Description: Communication number of a department or employee in a specified channel. | | | | |
| | 3148 | Communication number | M | an | 1/512 | Must use |
| | | Description: The communication number. | | | | |
| | 3155 | Communication channel qualifier | M | an | 1/3 | Must use |
| | | Description: Code identifying the type of communication channel being used. | | | | |
| | | Code Name | | | | |
| | | TE Telephone | | | | |

CS Note:

Phone number must be no more than 30 chars; Email address must be no more than 60 chars.

*Recommended phone number format: <country code>-<area code>-<phone number>. For example:
86-755-12345678*

Sample:

COM+ 000-00000000:TE'

UNT MESSAGE TRAILER

| | |
|------------|-------------|
| Pos: 1400 | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To end and check the completeness of a message.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|------------|---|---------------|-------------|----------------|--------------|
| UNT010 | 0074 | Number of segments in a message | M | n | 1/6 | Must use |
| | | Description: Control count of number of segments in a message. | | | | |
| UNT020 | 0062 | Message reference number | M | an | 1/14 | Must use |
| | | Description: Unique message reference assigned by the sender. | | | | |

Sample:

UNT+26+107060100746'

UNE FUNCTIONAL GROUP TRAILER

| | |
|-------------|-------------|
| Pos: | Max: 1 |
| Conditional | |
| Group: N/A | Elements: 2 |

User Option (Usage): Used

Purpose: To end and check the completeness of a functional group.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|--|------------|--|---------------|-------------|----------------|--------------|
| UNE010 | 0060 | Number of messages | M | n | 1/6 | Must use |
| Description: A count of the number of messages in a functional group. | | | | | | |
| UNE020 | 0048 | Functional group reference number | M | an | 1/14 | Must use |
| Description: Reference number for the functional group assigned by and unique within the sender's division, department etc. | | | | | | |

Sample:

UNE+1+9'

UNZ INTERCHANGE TRAILER

| | |
|------------|-------------|
| Pos: | Max: 1 |
| Mandatory | |
| Group: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To end and check the completeness of an interchange.

Element Summary:

| <u>Ref</u> | <u>Tag</u> | <u>Element Name</u> | <u>Status</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|------------|--------------------------------------|---------------|-------------|----------------|--------------|
| UNZ010 | 0036 | Interchange control count | M | n | 1/6 | Must use |
| Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange. | | | | | | |
| UNZ020 | 0020 | Interchange control reference | M | an | 1/14 | Must use |
| Description: Unique reference assigned by the sender to an interchange. | | | | | | |

Sample:

UNZ+1+107060100746'