# CBP Automated Export System Trade Interface Requirements

## 309 – Manifest Receipt of Booking

June 26, 2008

U.S. Customs and Border Protection

# 309 Customs and Border Protection (CBP) - Manifest (Receipt Of Booking)

**Functional Group ID=SO**

## Introduction:

This Standard contains the format and establishes the data contents of the Customs and Border Protection (CBP) Manifest Transaction Set (309) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, terminal operators, port authorities, or service centers to provide CBP with manifest data on cargo arriving in or departing from the U.S. on oceangoing vessels, railroad trains, or other types of conveyances. The transaction set can also be used by carriers to provide terminal operators, port authorities, or service centers with manifest data on cargo arriving at their facilities via the conveyances mentioned above.

## Notes:

This implementation guide is based on version/release 4010 of the X12:309 standard.

| User Attribute | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat |
|---|---|---|---|---|---|---|
| M | 001 | ISA | Interchange Control Header | M | 1 | |
| M | 002 | GS | Functional Group Header | M | 1 | |
| M | 010 | ST | Transaction Set Header | M | 1 | |
| M | 020 | M10 | Manifest Identifying Information | M | 1 | |
| | | | LOOP ID - P4 | | | 20 |
| M | 040 | P4 | U.S. Port Information | M | 1 | |
| | | | LOOP ID - LX | | | 9999 |
| M | 060 | LX | Assigned Number | M | 1 | |
| Not Used | 070 | M13 | Manifest Amendment Details | O | 1 | |
| M/U | 080 | M11 | Manifest Bill of Lading Details | O | 1 | |
| M/U | 085 | N9 | Reference Identification | O | 999 | |
| | | | LOOP ID - N1 | | | 5 |
| Not Used | 100 | N1 | Name | O | 1 | |
| Not Used | 110 | N3 | Address Information | O | 2 | |
| Not Used | 120 | N4 | Geographic Location | O | 1 | |
| Not Used | 123 | DTM | Date/Time Reference | O | 1 | |
| Not Used | 125 | PER | Administrative Communications Contact | O | 1 | |
| | | | LOOP ID - M12 | | | 1 |
| Not Used | 130 | M12 | In-bond Identifying Information | O | 1 | |
| Not Used | 135 | P5 | Port Information | O | 5 | |
| | | | LOOP ID - VID | | | 999 |
| Not Used | 150 | VID | Conveyance Identification | O | 1 | |
| Not Used | 155 | VC | Motor Vehicle Control | O | 21 | |
| | | | LOOP ID - N10 | | | 999 |
| Not Used | 160 | N10 | Quantity and Description | O | 1 | |
| | | | LOOP ID - H1 | | | 10 |
| Not Used | 165 | H1 | Hazardous Material | O | 1 | |
| Not Used | 166 | H2 | Additional Hazardous Material Description | O | 99 | |
| M | 200 | SE | Transaction Set Trailer | M | 1 | |

| M | 210 | GE | Functional Group Trailer | M | 1 |
| M | 220 | IEA | Interchange Control Trailer | M | 1 |

| | | | | |
|---|---|---|---|---|
| **Segment:** | **ISA** Interchange Control Header | | | |
| **Position:** | 001 | | | |
| **Loop:** | | | | |
| **Level:** | | | | |
| **Usage:** | Mandatory | | | |
| **Max Use:** | 1 | | | |
| **Purpose:** | To start and identify an interchange of zero or more functional groups and interchange-related control segments | | | |

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| M | ISA01 | I01 | **Authorization Information Qualifier** | M ID 2/2 |
| | | | Code to identify the type of information in the Authorization Information | |
| | | | 00 No Authorization Information Present (No Meaningful Information in I02) | |
| M | ISA02 | I02 | **Authorization Information** | M AN 10/10 |
| | | | Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) | |
| | | | Provide spaces. | |
| M | ISA03 | I03 | **Security Information Qualifier** | M ID 2/2 |
| | | | Code to identify the type of information in the Security Information | |
| | | | 01 Password | |
| M | ISA04 | I04 | **Security Information** | M AN 10/10 |
| | | | This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) | |
| | | | PASSWORD<br><br>A code representing the password agreed upon between the Customs and Border Protection (CBP) and the participant.<br><br>Equivalent AESTIR Proprietary Element: ACR - Password. | |
| M | ISA05 | I05 | **Interchange ID Qualifier** | M ID 2/2 |
| | | | Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified | |
| | | | 02 SCAC (Standard Carrier Alpha Code) | |
| M | ISA06 | I06 | **Interchange Sender ID** | M AN 15/15 |
| | | | Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element | |
| | | | USER CODE<br><br>The SCAC code representing the transmitter ID as a carrier or service center.<br><br>Equivalent AESTIR Proprietary Element: ACR - User Code,  ZCR - User Code. | |
| M | ISA07 | I05 | **Interchange ID Qualifier** | M ID 2/2 |
| | | | Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified | |
| | | | Customs and Border Protection (CBP). | |
| | | | ZZ Mutually Defined | |
| M | ISA08 | I07 | **Interchange Receiver ID** | M AN 15/15 |
| | | | Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will | |

| | | | | | |
|---|---|---|---|---|---|
| | | | use this as a receiving ID to route data to them | | |
| | | | Provide "USCSAES" for receiver's ID. | | |
| **M** | **ISA09** | **I08** | **Interchange Date** | **M** | **DT 6/6** |
| | | | Date of the interchange | | |
| | | | TRANSMISSION DATE<br><br>A date in YYMMDD (year, month, day) format representing the date of processing.<br><br>Equivalent AESTIR Proprietary Element: ACR - Date. | | |
| **M** | **ISA10** | **I09** | **Interchange Time** | **M** | **TM 4/4** |
| | | | Time of the interchange | | |
| | | | TRANSMISSION TIME<br><br>Provide transmission time.<br><br>Equivalent AESTIR Proprietary Element: ACR - Time. | | |
| | **ISA11** | **I10** | **Interchange Control Standards Identifier** | **O** | **ID 1/1** |
| | | | Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer | | |
| **M** | **ISA12** | **I11** | **Interchange Control Version Number** | **M** | **ID 5/5** |
| | | | This version number covers the interchange control segments | | |
| | | | Provide the version control number. | | |
| **M** | **ISA13** | **I12** | **Interchange Control Number** | **M** | **N0 9/9** |
| | | | A control number assigned by the interchange sender | | |
| | | | BATCH NUMBER<br><br>A Customs and Border Protection (CBP) generated code used in conjunction with the date of transmission to uniquely identify a user transmission.<br><br>Equivalent AESTIR Proprietary Element: ACR - Batch Number. | | |
| **Not Used** | **ISA14** | **I13** | **Acknowledgment Requested** | **O** | **ID 1/1** |
| | | | Code sent by the sender to request an interchange acknowledgment (TA1) | | |
| **Not Used** | **ISA15** | **I14** | **Usage Indicator** | **O** | **ID 1/1** |
| | | | Code to indicate whether data enclosed by this interchange envelope is test, production or information | | |
| **M** | **ISA16** | **I15** | **Component Element Separator** | **M** | **AN 1/1** |
| | | | Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator | | |

**Segment:** # GS Functional Group Header
**Position:** 002
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the beginning of a functional group and to provide control information

## Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| M | GS01 | 479 | **Functional Identifier Code** | M | ID 2/2 |

Code identifying a group of application related transaction sets

    RO                 Ocean Booking Information (300, 301, 303)

| M | GS02 | 142 | **Application Sender's Code** | M | AN 2/15 |

Code identifying party sending transmission; codes agreed to by trading partners

Provide SCAC code identifying party sending transmission.

| M | GS03 | 124 | **Application Receiver's Code** | M | AN 2/15 |

Code identifying party receiving transmission; codes agreed to by trading partners

Provide "USCSAES".

| M | GS04 | 373 | **Date** | M | DT 8/8 |

Date expressed as CCYYMMDD

Provide date "YYYYMMDD" of transmission.

| M | GS05 | 337 | **Time** | M | TM 4/8 |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Provide time of transmission.

| M | GS06 | 28 | **Group Control Number** | M | N0 1/9 |

Assigned number originated and maintained by the sender

Provide group number for batch default "000000001".

| M | GS07 | 455 | **Responsible Agency Code** | M | ID 1/2 |

Code used in conjunction with Data Element 480 to identify the issuer of the standard

    X                 Accredited Standards Committee X12

| M | GS08 | 480 | **Version / Release / Industry Identifier Code** | M | AN 1/12 |

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

    004010         Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

**Segment:** $\mathbf{ST}$ **Transaction Set Header**
**Position:** 010
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | ST01 | 143 | **Transaction Set Identifier Code** | M | ID 3/3 |
| | | | Code uniquely identifying a Transaction Set | | |
| M | ST02 | 329 | **Transaction Set Control Number** | M | AN 4/9 |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | |

**Segment:** **M10** Manifest Identifying Information
**Position:** 020
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To transmit manifest identifying information

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | M1001 | 140 | **Standard Carrier Alpha Code** | **M** | **ID 2/4** |

Standard Carrier Alpha Code

CARRIER CODE

A code representing the importing/exporting carrier. This is the Standard Carrier Alpha Code (SCAC) issued by the National Motor Freight Traffic Association Inc., 2200 Mill Road, Alexandria, VA 22310. For water carriers who own their containers, the SCAC is issued by the Intermodal Transportation Association, 6410 Kenilworth Ave., Suite 108, Riverdale, MD 20737.

Equivalent AESTIR Proprietary Element: M01 - Carrier Code.

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | M1002 | 91 | **Transportation Method/Type Code** | **M** | **ID 1/2** |

Code specifying the method or type of transportation for the shipment

MODE OF TRANSPORTATION CODE

A code indicating the type of vessel used to carry the manifested cargo. Required for input to the Customs and Border Protection (CBP).

VE   Vessel, Ocean

Equivalent AESTIR Proprietary Element: M01 - Mode of Transportation Code.

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | M1003 | 26 | **Country Code** | **M** | **ID 2/3** |

Code identifying the country

COUNTRY CODE

An International Standards Organization (ISO) code representing the flag of the vessel. Required for input to the Customs and Border Protection (CBP).

Equivalent AESTIR Proprietary Element: M01- Vessel Country Code.

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| | M1004 | 597 | **Vessel Code** | **X** | **ID 1/8** |

Code identifying vessel

CONVEYANCE CODE

The Lloyds of London registry code representing the exporting conveyance. This code is Mandatory if Vessel Name is not entered.

Equivalent AESTIR Proprietary Element: M01 - Conveyance Code.

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| | M1005 | 182 | **Vessel Name** | **X** | **AN 2/28** |

Name of ship as documented in "Lloyd's Register of Ships"

VESSEL NAME

A valid vessel name. Mandatory if missing Vessel Code.

Equivalent AESTIR Proprietary Element: M01 - Vessel Name.

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | M1006 | 55 | **Flight/Voyage Number** | **M** | **AN 2/10** |

Identifying designator for the particular flight or voyage on which the cargo

travels

<div style="background:grey">
VOYAGE NUMBER

The voyage number. Required for input to the Customs and Border Protection (CBP). If not known, send Julian date.

Equivalent AESTIR Proprietary Element: M01 - Voyage Number.
</div>

| | M1007 | 127 | Reference Identification | O | AN 1/30 |
|---|---|---|---|---|---|

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

SEQUENCE NUMBER

Optional, carrier assigned sequence number. The default is one (1). It may be a date. Once transmitted, it cannot be changed. All subsequent transmissions for the manifest must use the original manifest sequence number.

Equivalent AESTIR Proprietary Element: M01 - Manifest Sequence Number.

| M | M1008 | 380 | Quantity | M | R 1/15 |
|---|---|---|---|---|---|

Numeric value of quantity

TOTAL NUMBER OF BOOKINGS/BILLS OF LADING

Provide number of bills of lading/bookings in the manifest.

Equivalent AESTIR Proprietary Element: M01 - Number of Bookings or Bills of Lading.

| M | M1009 | 256 | Manifest Type Code | M | ID 1/1 |
|---|---|---|---|---|---|

Code identifying the type of manifest transmitted

APPLICATION IDENTIFIER

A code representing the type of application detail data contained within the block.

D  Updation Export Manifest Prior to Vessel Departure from Carrier to CBP.
E  Original Export Manifest from Carrier to CBP.
P  Preliminary Manifest from Carrier to CBP.

Equivalent AESTIR Proprietary Element: ACR - Application Identifier

| Not Used | M1010 | 897 | Vessel Code Qualifier | X | ID 1/1 |
|---|---|---|---|---|---|

Code specifying vessel code source

| Not Used | M1011 | 1073 | Yes/No Condition or Response Code | O | ID 1/1 |
|---|---|---|---|---|---|

Code indicating a Yes or No condition or response

| | M1012 | 127 | Reference Identification | O | AN 1/30 |
|---|---|---|---|---|---|

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

CARRIER ASSIGNED NUMBER

Optional, carrier assigned number, 1-23 positions. There is no editing on the format and it is returned as received in the CBP output.
Acceptance/Rejection Transaction Set (355) to the carriers. This is not used in the Status Information Transaction Set (350) returned from CBP to the carriers.

Equivalent AESTIR Proprietary Element: M01 - Carrier Assigned Number

**Segment:** **P4** U.S. Port Information
**Position:** 040
**Loop:** P4    Mandatory
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To transmit identifying information for a U.S. port

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| M | P401 | 310 | Location Identifier | M   AN 1/30 |

Code which identifies a specific location

PORT OF LADING CODE

A code representing the Customs and Border Protection (CBP) District/Port of Lading.  For listing of valid codes, use AESTIR Part III, Appendix D.

Equivalent AESTIR Proprietary Element: P01 - CBP Port of Lading Code.

| M | P402 | 373 | Date | M   DT 8/8 |
|---|---|---|---|---|

Date expressed as CCYYMMDD

ESTIMATED DATE OF DEPARTURE

A date in the YYYYMMDD format representing the scheduled date of departure from (for exports) or arrival at (for imports) this port.

Equivalent AESTIR Proprietary Element: P01 - Estimated Date of Departure.

| M/U | P403 | 380 | Quantity | O   R 1/15 |
|---|---|---|---|---|

Numeric value of quantity

NUMBER OF BOOKINGS/BILLS OF LADING FOR PORT

A value representing the total number of bookings or bills of lading/house bills transmitted for this Port.

Equivalent AESTIR Proprietary Element: P01 - Number of Bookings or Bills of Lading for Port.

| Not Used | P404 | 310 | Location Identifier | O   AN 1/30 |
|---|---|---|---|---|

Code which identifies a specific location

| Not Used | P405 | 337 | Time | O   TM 4/8 |
|---|---|---|---|---|

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

**Segment:** **LX** **Assigned Number**
**Position:** 060
**Loop:** LX    Mandatory
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To reference a line number in a transaction set

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| M | LX01 | 554 | Assigned Number | M  N0 1/6 |

Number assigned for differentiation within a transaction set

LOOP CONTROL NUMBER

Provide sender controlled number for the loop.

**Segment:** # M11 Manifest Bill of Lading Details
**Position:** 080
**Loop:** LX     Mandatory
**Level:**
**Usage:** Optional (Must Use)
**Max Use:** 1
**Purpose:** To transmit bill of lading detail information for a manifest

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Not Used | M1101 | 598 | **Bill of Lading/Waybill Number** | C | AN 1/12 |
| | | | Identification number assigned to the shipment by the carrier or consolidator | | |
| Not Used | M1102 | 310 | **Location Identifier** | C | AN 1/30 |
| | | | Code which identifies a specific location | | |
| Not Used | M1103 | 380 | **Quantity** | C | R 1/15 |
| | | | Numeric value of quantity | | |
| Not Used | M1104 | 599 | **Manifest Unit Code** | C | ID 1/3 |
| | | | Code defining the smallest package unit for the bill of lading | | |
| Not Used | M1105 | 81 | **Weight** | C | R 1/10 |
| | | | Numeric value of weight | | |
| Not Used | M1106 | 188 | **Weight Unit Code** | C | ID 1/1 |
| | | | Code specifying the weight unit | | |
| Not Used | M1107 | 183 | **Volume** | X | R 1/8 |
| | | | Value of volumetric measure | | |
| Not Used | M1108 | 184 | **Volume Unit Qualifier** | X | ID 1/1 |
| | | | Code identifying the volume unit | | |
| Not Used | M1109 | 582 | **Bill of Lading Type Code** | O | ID 2/2 |
| | | | Code identifying the type of bill of lading | | |
| Not Used | M1110 | 600 | **Place of Receipt by Pre-carrier** | O | AN 1/17 |
| | | | The city or country in which the pre-carrier took possession of the cargo | | |
| Not Used | M1111 | 598 | **Bill of Lading/Waybill Number** | X | AN 1/12 |
| | | | Identification number assigned to the shipment by the carrier or consolidator | | |
| M | M1112 | 140 | **Standard Carrier Alpha Code** | M | ID 2/4 |
| | | | Standard Carrier Alpha Code | | |

ISSUER CODE

A SCAC code of the issuer of the bookings.

Equivalent AESTIR Proprietary Element: J01 - Carrier Master Booking/Bill of Lading Issuer Code.

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| Not Used | M1113 | 140 | **Standard Carrier Alpha Code** | X | ID 2/4 |
| | | | Standard Carrier Alpha Code | | |
| Not Used | M1114 | 140 | **Standard Carrier Alpha Code** | X | ID 2/4 |
| | | | Standard Carrier Alpha Code | | |
| Not Used | M1115 | 140 | **Standard Carrier Alpha Code** | X | ID 2/4 |
| | | | Standard Carrier Alpha Code | | |
| Not Used | M1116 | 1302 | **Electronic Export Information (EEI) Requirements** | O | AN 1/2 |
| | | | Code identifying which Electronic Export Information (EEI) requirements are being met | | |
| Not Used | M1117 | 1578 | **Export Exception Code** | O | ID 2/2 |
| | | | Code specifying why a Electronic Export Information (EEI) is not required | | |

| Not Used | M1118 | 140 | **Standard Carrier Alpha Code** | O | ID 2/4 |
|----------|-------|-----|--------------------------------|---|--------|
|          |       |     | Standard Carrier Alpha Code    |   |        |
| Not Used | M1119 | 140 | **Standard Carrier Alpha Code** | O | ID 2/4 |
|          |       |     | Standard Carrier Alpha Code    |   |        |

**Segment:** **N9** Reference Identification
**Position:** 085
**Loop:** LX        Mandatory
**Level:**
**Usage:** Optional (Must Use)
**Max Use:** 999
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| M | N901 | 128 | **Reference Identification Qualifier** | M | ID 2/3 |
| | | | Code qualifying the Reference Identification | | |
| | | | QUALIFIER<br><br>Control number qualifier.<br><br>BN  Booking Number<br><br>Equivalent AESTIR Proprietary Element: B02 - Qualifier. | | |
| M | N902 | 127 | **Reference Identification** | M | AN 1/30 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |
| | | | CONTROL NUMBER<br><br>The number representing the issuer-assigned control number that identifies the booking or house bill. The control number must be unique by vessel voyage.<br><br>Equivalent AESTIR Proprietary Element: B02 - Control Number. | | |
| Not Used | N903 | 369 | **Free-form Description** | X | AN 1/45 |
| | | | Free-form descriptive text | | |
| Not Used | N904 | 373 | **Date** | O | DT 8/8 |
| | | | Date expressed as CCYYMMDD | | |
| Not Used | N905 | 337 | **Time** | X | TM 4/8 |
| | | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | | |
| Not Used | N906 | 623 | **Time Code** | O | ID 2/2 |
| | | | Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | | |
| Not Used | N907 | C040 | **Reference Identifier** | O | |
| | | | To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | | |
| Not Used | C04001 | 128 | **Reference Identification Qualifier** | O | ID 2/3 |
| | | | Code qualifying the Reference Identification | | |
| Not Used | C04002 | 127 | **Reference Identification** | O | AN 1/30 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |
| Not Used | C04003 | 128 | **Reference Identification Qualifier** | X | ID 2/3 |
| | | | Code qualifying the Reference Identification | | |
| Not Used | C04004 | 127 | **Reference Identification** | X | AN 1/30 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |

| Not Used | C04005 | 128 | **Reference Identification Qualifier** | X | ID 2/3 |
| | | | Code qualifying the Reference Identification | | |
| Not Used | C04006 | 127 | **Reference Identification** | X | AN 1/30 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |

| | **Segment:** | **SE** Transaction Set Trailer | |
|---|---|---|---|
| | **Position:** | 200 | |
| | **Loop:** | | |
| | **Level:** | | |
| | **Usage:** | Mandatory | |
| | **Max Use:** | 1 | |
| | **Purpose:** | To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments) | |

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| M | SE01 | 96 | **Number of Included Segments** | M   N0 1/10 |
| | | | Total number of segments included in a transaction set including ST and SE segments | |
| M | SE02 | 329 | **Transaction Set Control Number** | M   AN 4/9 |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | |

**Segment:** **GE** Functional Group Trailer
**Position:** 210
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To indicate the end of a functional group and to provide control information


**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes |
|---|---|---|---|---|
| M | GE01 | 97 | **Number of Transaction Sets Included** | M N0 1/6 |
| | | | Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element | |
| M | GE02 | 28 | **Group Control Number** | M N0 1/9 |
| | | | Assigned number originated and maintained by the sender | |

| | | | Segment: | **IEA** Interchange Control Trailer |
|---|---|---|---|---|

**Segment:** **IEA** Interchange Control Trailer
**Position:** 220
**Loop:**
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | IEA01 | I16 | **Number of Included Functional Groups** | M | N0 1/5 |
| | | | A count of the number of functional groups included in an interchange | | |
| M | IEA02 | I12 | **Interchange Control Number** | M | N0 9/9 |
| | | | A control number assigned by the interchange sender | | |