# Automated Export System Trade Interface Requirements

Export Shipment Information 601

April 1, 2024

U.S. Customs and
Border Protection

# 601 Customs & Border Protection (CBP) - Export Shipment Information

**Functional Group ID=SE**

## Introduction:

This X12 Transaction Set contains the format and establishes the data content of the Customs and Border Protection's (CBP) "Export Shipment Information" transaction set (601) for use within the context of an Electronic Data Interchange (EDI) environment. It can be used by the U.S. Principal Parties of Interest (USPPI), forwarders, data entry centers, third party service centers, or port authorities to transmit export shipment information to CBP's, Automated Export System (AES).

## Notes:

This implementation guide is based on version/release 4050 of the X12:601 standard. Although version/release 4050 of Transaction Set 601 designates that segments YNQ, DTM, P5, and L13 are mandatory segments, the Customs and Border Protection (CBP) has relaxed the gateway edit on these segments so that their inclusion can be treated as conditional. They do not have to be included for a Shipment Cancellation (BA102 = CANCEL). CBP has also submitted a Work Request to the Accredited Standards Committee ASC (X12) requesting that these segments be designated as optional in future versions and releases.

Also note that each BA1 loop must be preceded by an ST segment and followed by an SE segment.

KEY to User Attributes - CBP's usage of the X12:601 standard.

| | |
|---|---|
| M or M/U | Mandatory, Must Use |
| <blank> | Optional/Conditional (Refer to the CBP Proprietary record format in the AESTIR for the rules for correct usage.) |
| Not Used | Do not include the segment/element so indicated. |

- Element delimiters used in this transaction must be ' * ' (asterisk). No blanks between delimiters if element is null.
- Segment delimiters used in this transaction must be one byte with a value of hex '15' or '~'.
- A segment delimiter must be the last byte of data in the message transmission data stream.
- Only transmit uppercase AMERICAN ENGLISH alphabetic data.
- Transmit ONLY displayable characters found on a standard American English keyboard.  Low-values, carriage return characters, or other non-standard characters must NOT be transmitted.
- Component element separator   ':'    (Colon) preferred.

| User Attribute | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Loop Repeat |
|---|---|---|---|---|---|---|
| M/U | 0050 | ISA | Interchange Control Header | O | 1 | |
| M/U | 0075 | GS | Functional Group Header | O | 1 | |
| M | 0100 | ST | Transaction Set Header | M | 1 | |
| | | | LOOP ID - BA1 | | | 999 |
| M | 0200 | BA1 | Export Shipment Identifying Information | M | 1 | |
| | 0250 | YNQ | Yes/No Question | O | 10 | |
| Not Used | 0300 | V5 | Vessel Identification | O | 1 | |
| | 0400 | DTM | Date/Time Reference | O | 1 | |
| | 0500 | P5 | Port Function | O | 2 | |
| | 0600 | REF | Reference Information | O | 9 | |
| | 0700 | M12 | In-bond Identifying Information | O | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| | 0800 | VID | Conveyance Identification | O | 999 |

| | | | LOOP ID - N1 | | | 10 |
|---|---|---|---|---|---|---|
| M | 1000 | N1 | Party Identification | M | 1 | |
| | 1100 | N2 | Additional Name Information | O | 2 | |
| | 1150 | N3 | Party Location | O | 2 | |
| | 1200 | N4 | Geographic Location | O | 1 | |

| | | | LOOP ID - L13 | | | 999 |
|---|---|---|---|---|---|---|
| | 1300 | L13 | Commodity Details | O | 1 | |
| M | 1400 | MAN | Marks and Numbers | O | 999 | |
| | 1500 | X1 | Export License | O | 1 | |
| | 1600 | VEH | Vehicle Information | O | 9999 | |

| | | | LOOP ID - N1 | | | 10 |
|---|---|---|---|---|---|---|
| Not Used | 1700 | N1 | Party Identification | O | 1 | |
| Not Used | 1800 | N2 | Additional Name Information | O | 2 | |
| Not Used | 1900 | N4 | Geographic Location | O | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| M | 2000 | SE | Transaction Set Trailer | M | 1 |
| M/U | 2100 | GE | Functional Group Trailer | O | 1 |
| M/U | 2200 | IEA | Interchange Control Trailer | O | 1 |

| | | | | Segment: | **ISA** Interchange Control Header |
| | | | | Position: | 0050 |
| | | | | Loop: | |
| | | | | Level: | |
| | | | | Usage: | Optional (Must Use) |
| | | | | 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 1 ID 2/2** |
| | | | Code identifying the type of information in the Authorization Information | |
| | | | 03   Additional Data Identification | |
| M | ISA02 | I02 | **Authorization Information** | **M 1 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) | |
| | | | TRANSMITTER ID<br><br>Identifier of the party transmitting the data.  This may be the same party reported as Filer ID in ISA06: USPPI, Forwarder or Data Entry Center, or it can be a third party service center or port authority. The Customs and Border Protection (CBP) will use the left 9 bytes to populate Transmitter ID in it's Proprietary records. Transmitter ID is also used for outbound response routing.<br><br>Equivalent AESTIR Proprietary Elements: A, Z - Transmitter ID. | |
| M | ISA03 | I03 | **Security Information Qualifier** | **M 1 ID 2/2** |
| | | | Code identifying the type of information in the Security Information | |
| | | | 01   Password | |
| M | ISA04 | I04 | **Security Information** | **M 1 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) | |
| | | | Not Used.  Space fill | |
| M | ISA05 | I05 | **Interchange ID Qualifier** | **M 1 ID 2/2** |
| | | | Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified | |
| | | | FILER ID TYPE<br><br>Type of Filer ID reported in ISA06. Valid values accepted:<br><br>01   Duns (Dun & Bradstreet)<br>24   EIN<br><br>Equivalent AESTIR Proprietary Elements: A, Z - Filer ID Type. | |
| M | ISA06 | I06 | **Interchange Sender ID** | **M 1 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 | |
| | | | FILER ID<br><br>Identity of the party filing the commodity shipment information: USPPI, Forwarder, or Data Entry Center (DEC). The Customs and Border Protection (CBP) will use the left 9 bytes to populate the Proprietary records.<br><br>Equivalent AESTIR Proprietary Elements: A, Z - Filer ID. | |

| M | ISA07 | I05 | **Interchange ID Qualifier** | **M** | **1** | **ID 2/2** |
|---|---|---|---|---|---|---|

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

ZZ    Mutually Defined

| M | ISA08 | I07 | **Interchange Receiver ID** | **M** | **1** | **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

"USCSAES" for production data; "USCSAESTEST" for test data.

| M | ISA09 | I08 | **Interchange Date** | **M** | **1** | **DT 6/6** |
|---|---|---|---|---|---|---|

Date of the interchange

TRANSMITTER DATE

The Filer/Transmitter's date of transmission. Format: YYMMDD

Equivalent AESTIR Proprietary Elements: A, Z - Transmitter Date.

| M | ISA10 | I09 | **Interchange Time** | **M** | **1** | **TM 4/4** |
|---|---|---|---|---|---|---|

Time of the interchange

Transmission time.

| M | ISA11 | I65 | **Repetition Separator** | **M** | **1** | **AN 1/1** |
|---|---|---|---|---|---|---|

Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

^    (Caret) preferred.

| M | ISA12 | I11 | **Interchange Control Version Number** | **M** | **1** | **ID 5/5** |
|---|---|---|---|---|---|---|

Code specifying the version number of the interchange control segments

00405    Standard approved by ASC X12 Procedures Review Board.

| M | ISA13 | I12 | **Interchange Control Number** | **M** | **1** | **N0 9/9** |
|---|---|---|---|---|---|---|

A control number assigned by the interchange sender

BATCH CONTROL NUMBER

The Filer/Transmitter's internal batch identifier. The Customs and Border Protection (CBP) will use the right 6 bytes to populate the inbound proprietary fields and to populate the REF02 in the outbound 824 response.

Equivalent AESTIR Proprietary Elements: A, Z - Batch Control Number.

| M | ISA14 | I13 | **Acknowledgment Requested** | **M** | **1** | **ID 1/1** |
|---|---|---|---|---|---|---|

Code indicating sender's request for an interchange acknowledgment

0    No Interchange Acknowledgment Requested

| M | ISA15 | I14 | **Interchange Usage Indicator** | **M** | **1** | **ID 1/1** |
|---|---|---|---|---|---|---|

Code indicating whether data enclosed by this interchange envelope is test, production or information

"P"   for production data; "T" for test data.

| M | ISA16 | I15 | **Component Element Separator** | **M** | **1** | **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

:    (Colon) preferred.

**Segment:**   **GS** Functional Group Header
**Position:**   0075
**Loop:**
**Level:**
**Usage:**   Optional (Must Use)
**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 | 1 | ID 2/2 |
| | | | Code identifying a group of application related transaction sets | | | |
| | | | SE    Shipper's Export Declaration (601) | | | |
| M | GS02 | 142 | **Application Sender's Code** | M | 1 | AN 2/15 |
| | | | Code identifying party sending transmission; codes agreed to by trading partners | | | |
| | | | Same Filer ID as in element ISA06. | | | |
| M | GS03 | 124 | **Application Receiver's Code** | M | 1 | AN 2/15 |
| | | | Code identifying party receiving transmission; codes agreed to by trading partners | | | |
| | | | "USCSAES" for production data; "USCSAESTEST" for test data. | | | |
| M | GS04 | 373 | **Date** | M | 1 | DT 8/8 |
| | | | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | | |
| | | | Transmission Date. | | | |
| M | GS05 | 337 | **Time** | M | 1 | 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) | | | |
| | | | Transmission Time. | | | |
| M | GS06 | 28 | **Group Control Number** | M | 1 | N0 1/9 |
| | | | Assigned number originated and maintained by the sender | | | |
| M | GS07 | 455 | **Responsible Agency Code** | M | 1 | ID 1/2 |
| | | | Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 | | | |
| | | | X    Accredited Standard Committee X12. | | | |
| M | GS08 | 480 | **Version / Release / Industry Identifier Code** | M | 1 | AN 1/12 |
| | | | Code indicating the version, release, sub release, 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 sub release, 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 | | | |
| | | | 004050   Standard approved for publication by ASC X12 Procedures Review Board. | | | |

| | Segment: | **ST** **Transaction Set Header** |
|---|---|---|
| | **Position:** | 0100 |
| | **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 | 1 | ID 3/3 |
| | | | Code uniquely identifying a Transaction Set | | | |
| | | | 601    Customs & Border Protection (CBP) Export Shipment Information. | | | |
| M | ST02 | 329 | **Transaction Set Control Number** | M | 1 | AN 4/9 |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |
| Not Used | ST03 | 1705 | **Implementation Convention Reference** | O | 1 | AN 1/35 |
| | | | Reference assigned to identify Implementation Convention | | | |

**Segment:** **BA1** Export Shipment Identifying Information
**Position:** 0200
**Loop:** BA1          Mandatory
**Level:**
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** To transmit identifying data for an export shipment
**Notes:** Each BA1 loop must be preceded by an ST segment and followed by an SE segment.

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | BA101 | 645 | **Related Company Indication Code** | M | 1 | ID 1/1 |
| | | | Code indicating parties to a transaction | | | |

RELATED COMPANY INDICATOR

An indication that, during the fiscal year, either the USPPI or foreign ultimate consignee reported, owned 10% or more of the other's voting securities.

N     NO - Companies NOT related
Y     YES - Companies related

Equivalent AESTIR Proprietary Element: SC1 - Related Company Indicator.

| | | | | | | |
|---|---|---|---|---|---|---|
| M | BA102 | 306 | **Action Code** | M | 1 | ID 1/2 |
| | | | Code indicating type of action | | | |

SHIPMENT FILING ACTION REQUEST INDICATOR

The AES action requested for this commodity shipment transaction.

1     ADD - Report the shipment to AES for the first time.
2     CHANGE - Correct/change a previously accepted shipment (i.e. the shipment and any/all commodity lines).
C     CANCEL - Report that a previously accepted shipment will not be exported.
RX    REPLACE - Entirely replace a previously accepted shipment (i.e. the shipment data and all commodity lines).

Equivalent AESTIR Proprietary Element: SC1 - Shipment Filing Action Request Indicator.

| | | | | | | |
|---|---|---|---|---|---|---|
| M | BA103 | 91 | **Transportation Method/Type Code** | M | 1 | ID 1/2 |
| | | | Code specifying the method or type of transportation for the shipment | | | |

MODE OF TRANSPORTATION CODE (MOT)

The mode of transportation by which the merchandise is exported.

See "AESTIR, Appendix T - Mode of Transportation Codes".

Equivalent AESTIR Proprietary Element: SC1 - MOT.

| | | | | | | |
|---|---|---|---|---|---|---|
| M | BA104 | 26 | **Country Code** | M | 1 | ID 2/3 |
| | | | Code identifying the country | | | |

COUNTRY OF ULTIMATE DESTINATION CODE

The country in which the merchandise is to be consumed, manufactured or further processed at the time of shipment.

See "AESTIR, Appendix C - ISO Country Codes".

Equivalent AESTIR Proprietary Element: SC1 - Country of Ultimate Destination Code.

| M | BA105 | 127 | **Reference Identification** | **M** | **1** | **AN 1/50** |

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

SHIPMENT REFERENCE NUMBER

Unique identifier of the shipment. Maximum size - 17 bytes.

Equivalent AESTIR Proprietary Element: SC1 - Shipment Reference Number.

| Not Used | BA106 | 116 | **Postal Code** | **O** | **1** | **ID 3/15** |

Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

| M/U | BA107 | 26 | **Country Code** | **O** | **1** | **ID 2/3** |

Code identifying the country

DATA ENTRY CENTER INDICATOR

An indication that the filer is claiming DEC privileges for the shipments enclosed in the batch. Census eliminated the Data Entry Center program effective April 1, 2005. However, authorized DEC filer can make corrections to shipments filed before the April 1, 2005 cut-off date and still receive DEC-related benefits.

NO     Filer is NOT claiming DEC privileges.
YES    Filer is a claiming DEC privileges for shipment filed after 4/1/05.

Equivalent AESTIR Proprietary Element: A - Data Entry Center Indicator.

| | BA108 | 156 | **State or Province Code** | **O** | **1** | **ID 2/2** |

Code (Standard State/Province) as defined by appropriate government agency

U.S. STATE OF ORIGIN CODE

The U.S. state, U.S. territory or U.S. possession where the merchandise began its journey to the port of exportation. Report a valid USPS State code.

Equivalent AESTIR Proprietary Element: SC1 - U.S. State of Origin Code.

| | BA109 | 151 | **Authority** | **O** | **1** | **AN 1/20** |

Name or code of authority for authorizing action or reservation

USPPI IRS NUMBER

IRS identifier of the USPPI. Do not report when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL". Maximum size - 9 bytes.

Equivalent AESTIR Proprietary Element: N03 - USPPI IRS Number.

| M | BA110 | 140 | **Standard Carrier Alpha Code** | **M** | **1** | **ID 2/4** |

Standard Carrier Alpha Code

CARRIER ID (SCAC/IATA)

The entity ultimately responsible for the transportation of the exported merchandise from the domestic port of exportation.

For vessel, rail or truck shipments: report the SCAC code.
For air shipments: report the IATA code.

Equivalent AESTIR Proprietary Element: SC1 - SCAC/IATA.

| | BA111 | 310 | **Location Identifier** | **O** | **1** | **AN 1/30** |

Code which identifies a specific location

USPPI IRS ID TYPE

Type of IRS USPPI ID reported in element BA109. Do not report when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL".

S    SSN (Social Security Number)

E    EIN (Employer's Identification Number)

Equivalent AESTIR Proprietary Element: N03 - USPPI IRS ID Type.

**The Census Bureau has eliminated the acceptance of SSN on any new filings effective December 3, 2009.  Corrections (change, replace or cancel) to SEDs filed with SSN prior to the effective date will continue to be accepted.**

| | | | | | |
|---|---|---|---|---|---|
| **BA112** | **182** | **Vessel Name** | **O** | **1** | **AN 2/28** |

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

CONVEYANCE NAME/CARRIER NAME

For vessel shipments: the name of the vessel.
For non-vessel, non-mail shipments: the name of the carrier.

Maximum size - 23 bytes.

Equivalent AESTIR Proprietary Element: SC1 - Conveyance Name/Carrier Name.

| **Segment:** | **YNQ** Yes/No Question |
|---|---|
| **Position:** | 0250 |
| **Loop:** | BA1  Mandatory |
| **Level:** | |
| **Usage:** | Optional |
| **Max Use:** | 10 |
| **Purpose:** | To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition |
| **Notes:** | The YNQ segment may be used multiple times to indicate hazardous cargo and/or filing option (i.e. Predeparture or Postdeparture). Do not include the YNQ segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL". |

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| M/U | YNQ01 | 1321 | Condition Indicator | X | 1   ID 3/3 |

Code indicating a condition

FILING OPTION INDICATOR or HAZARDOUS MATERIAL INDICATOR (PART 1)

A) FILING OPTION INDICATOR

Indicates the type of filing "option" chosen by the filer for the commodity shipment transaction.

RZ    Predeparture. Full pre-departure commodity shipment filing.
RX     Postdeparture. Authorized USPPI, full post-departure commodity shipment filing.
R3P   Advance Export Information partial commodity shipment filing
R3F   Advance Export Information complete commodity shipment filing.

Equivalent AESTIR Proprietary Element: SC1 - Filing Option Indicator – First two characters and AEI filing Type – Third character

OR

B) HAZARDOUS MATERIAL INDICATOR (HAZMAT)

Indicates that YNQ02 is being used to report whether the shipment contains hazardous material.

QQ    HAZMAT IND

| M | YNQ02 | 1073 | Yes/No Condition or Response Code | M | 1   ID 1/1 |
|---|---|---|---|---|---|

Code indicating a Yes or No condition or response

FILING OPTION INDICATOR or HAZARDOUS MATERIAL INDICATOR (PART 2)

A) FILING OPTION INDICATOR

When reporting the "Filing Option" in YNQ01, report "N" here in YNQ02.

OR

B) HAZARDOUS MATERIAL INDICATOR (HAZMAT)

Indicates whether or not the shipment contains hazardous material as defined by the U.S. Department of Transportation.

N    NO  - The shipment does NOT contain hazardous material.

Y   YES - The shipment does contain hazardous material.

Equivalent AESTIR Proprietary Element: SC1 - HAZMAT.

| Not Used | YNQ03 | 1250 | **Date Time Period Format Qualifier**<br>Code indicating the date format, time format, or date and time format | X | 1 | ID 2/3 |
| Not Used | YNQ04 | 1251 | **Date Time Period**<br>Expression of a date, a time, or range of dates, times or dates and times | X | 1 | AN 1/35 |
| Not Used | YNQ05 | 933 | **Free-Form Message Text**<br>Free-form message text | O | 1 | AN 1/264 |
| Not Used | YNQ06 | 933 | **Free-Form Message Text**<br>Free-form message text | O | 1 | AN 1/264 |
| Not Used | YNQ07 | 933 | **Free-Form Message Text**<br>Free-form message text | O | 1 | AN 1/264 |
| Not Used | YNQ08 | 1270 | **Code List Qualifier Code**<br>Code identifying a specific industry code list | X | 1 | ID 1/3 |
| Not Used | YNQ09 | 1271 | **Industry Code**<br>Code indicating a code from a specific industry code list | X | 1 | AN 1/30 |
| Not Used | YNQ10 | 933 | **Free-Form Message Text**<br>Free-form message text | X | 1 | AN 1/264 |

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | **DTM** Date/Time Reference | | | | |
| **Position:** | 0400 | | | | |
| **Loop:** | BA1 | Mandatory | | | |
| **Level:** | | | | | |
| **Usage:** | Optional | | | | |
| **Max Use:** | 1 | | | | |
| **Purpose:** | To specify pertinent dates and times | | | | |
| **Notes:** | Do not include the DTM segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL". | | | | |

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| M | DTM01 | 374 | **Date/Time Qualifier** | **M** | **1  ID 3/3** |
| | | | Code specifying type of date or time, or both date and time | | |
| | | | 274    Requested Departure Date | | |
| M/U | DTM02 | 373 | **Date** | **X** | **1  DT 8/8** |
| | | | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | |
| | | | ESTIMATED DATE OF EXPORT | | |
| | | | Date of departure from the port of exportation. Estimate the date if the actual date is unknown. Format: "CCYYMMDD". | | |
| | | | Equivalent AESTIR Proprietary Element: SC1 - Estimated Date of Export. | | |
| Not Used | DTM03 | 337 | **Time** | **X** | **1  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 | DTM04 | 623 | **Time Code** | **O** | **1  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 | DTM05 | 1250 | **Date Time Period Format Qualifier** | **X** | **1  ID 2/3** |
| | | | Code indicating the date format, time format, or date and time format | | |
| Not Used | DTM06 | 1251 | **Date Time Period** | **X** | **1  AN 1/35** |
| | | | Expression of a date, a time, or range of dates, times or dates and times | | |

| Segment: | **P5** Port Function |
|---|---|
| **Position:** | 0500 |
| **Loop:** | BA1    Mandatory |
| **Level:** | |
| **Usage:** | Optional |
| **Max Use:** | 2 |
| **Purpose:** | To indicate port-related data |
| **Notes:** | The P5 segment may be used multiple times to indicate the Port of Unlading and the Port of Exportation. Do not include the P5 segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL". |

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | P501 | 115 | **Port or Terminal Function Code** | M | 1 | ID 1/1 |

Code defining function performed at the port or terminal with respect to a shipment

| D | Port of unlading |
|---|---|
| L | Port of exportation |

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | P502 | 309 | **Location Qualifier** | M | 1 | ID 1/2 |

Code identifying type of location

| D | Census Schedule D |
|---|---|
| K | Census Schedule K |

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | P503 | 310 | **Location Identifier** | M | 1 | AN 1/30 |

Code which identifies a specific location

PORT OF UNLADING CODE or PORT OF EXPORTATION CODE

A) PORT OF UNLADING CODE

The foreign port of unlading of the shipment.

Maximum size - 5 bytes.

For Port of Unlading, code elements P501 and P502 as follows:
    P501 Port Function Code = D
    P502 Location Qualifier = K

See "AESTIR, Appendix Z - Additional Information Sources" regarding the Schedule K - "Classification of Foreign Ports by Geographic Trade Area and Country."

Equivalent AESTIR Proprietary Element: SC1 - Port of Unlading Code.

OR

B) PORT OF EXPORTATION CODE

For vessel and air shipments: the U.S. port that merchandise is last laden for departure.

For other MOTs: the U.S. port at the actual border crossing location or the nearest U.S. port to the actual border crossing location.

Maximum size - 4 bytes.

For Port of Exportation, code elements P501 and P502 as follows:
    P501 Port Function Code = L
    P502 Location Qualifier = D

See "AESTIR, Appendix D - Export Port Codes".

**Segment:** **REF** Reference Information
**Position:** 0600
**Loop:** BA1     Mandatory
**Level:**
**Usage:** Optional
**Max Use:** 9   REPEATABLE SEGMENT.   CURRENTLY ONLY ONE REF SEGMENT IS SENT BY THE TRADE.
**Purpose:** To specify identifying information
**Notes:** Do not include the REF segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL".

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | REF01 | 128 | **Reference Identification Qualifier** | M | 1 | ID 2/3 |
| | | | Code qualifying the Reference Identification | | | |
| | | | BN    Transportation Reference Number | | | |
| | | | F8 -   Original ITN | | | |
| M/U | REF02 | 127 | **Reference Identification** | X | 1 | AN 1/50 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | |
| | | | When REF01 is BN report TRANSPORTATION REFERENCE NUMBER | | | |
| | | | A number referencing a transportation booking, waybill, ocean bill-of-lading, pro-bill, or master air waybill. Maximum size - 30 bytes. | | | |
| | | | Equivalent AESTIR Proprietary Element: SC3 - Transportation Reference Number. | | | |
| | | | When REF01 is F8 report the ORIGINAL ITN. | | | |
| | | | Equivalent AESTIR Proprietary Element: SC2 – Original ITN | | | |
| Not Used | REF03 | 352 | **Description** | X | 1 | AN 1/80 |
| | | | A free-form description to clarify the related data elements and their content | | | |
| Not Used | REF04 | C040 | **Reference Identifier** | O | 1 | |
| | | | To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | | | |
| Not Used | C04001 | 128 | **Reference Identification Qualifier** | M | | ID 2/3 |
| | | | Code qualifying the Reference Identification | | | |
| Not Used | C04002 | 127 | **Reference Identification** | M | | AN 1/50 |
| | | | 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 1/50 |
| | | | 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 1/50 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | |

| | | | | Segment: | **M12** In-bond Identifying Information |
|---|---|---|---|---|---|

**Segment:** **M12** In-bond Identifying Information
**Position:** 0700
**Loop:** BA1 Mandatory
**Level:**
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit in-bond information
**Notes:** Do not include the M12 segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL".

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | M1201 | 581 | Customs and Border Protection (CBP) Entry Type Code | M | 1 | ID 2/2 |

Code defining the type of entry assigned by the Customs and Border Protection (CBP).

INBOND CODE

An indication of whether the shipment is being "transported under bond".

| | |
|---|---|
| 36 | Warehouse withdrawal for IE |
| 37 | Warehouse withdrawal for T&E |
| 67 | Foreign Trade Zone withdrawal for IE |
| 68 | Foreign Trade Zone withdrawal for T&E |
| 70 | Merchandise NOT shipped inbond |

Equivalent AESTIR Proprietary Element: SC2 - Inbond Code.

| | | | | | | |
|---|---|---|---|---|---|---|
| | M1202 | 601 | Customs and Border Protection (CBP) Entry Number | X | 1 | AN 1/15 |

Automated Commercial System Code Furnished by the Customs and Border Protection (CBP)

ENTRY NUMBER

The import entry number for a shipment "transported under bond", or the import entry number when a FTZ NAFTA Deferred Duty claim is made.

Equivalent AESTIR Proprietary Element: SC2 - Entry Number.

| | | | | | | |
|---|---|---|---|---|---|---|
| | M1203 | 310 | Location Identifier | O | 1 | AN 1/30 |

Code which identifies a specific location

FOREIGN TRADE ZONE IDENTIFIER

Identity of the Foreign Trade Zone from which the merchandise was withdrawn. Maximum size - 9 bytes.

Provide the Foreign Trade Zone Identifier according to the following format rules:

FTZ must be 7 or 9 positions
When using the 7 position format report as follows:
Position 1-3: General Purpose Zone (NNN – 3 numeric)
Position 4-5: Subzone (XX – 2 alphanumeric characters)
Position 6-7: Site (XX – 2 alphanumeric characters)

When using the 9 position format report as follows:
Position 1-3: General Purpose Zone (NNN – 3 digits)
Position 4-6: Subzone (XXX – 3 alphanumeric characters)
Position 7-9: Site (XXX – 3 alphanumeric characters)

Left justify; No trailing spaces. Insert zeros when there is no subzone or site. Report leading zero(s) when general purpose zone is less than 3 numerics and when the subzone or site is 1 alphanumeric character for reporting 7 position FTZ identifiers or 1 or 2 alphanumeric characters for reporting 9 position FTZ identifiers.

| M/U | M1204 | 310 | **Location Identifier** | O | 1 | AN 1/30 |
|-----|-------|-----|-------------------------|---|---|---------|
|     |       |     | Code which identifies a specific location | | | |

ROUTED EXPORT TRANSACTION INDICATOR

An indication that the foreign principle party in interest has authorized a U.S. authorized or other agent to facilitate the export of the merchandise from the U.S.

N    NO  - Shipment is NOT a routed transaction.
Y    YES - Shipment is a routed transaction.

Equivalent AESTIR Proprietary Element: SC2 - Routed Export Transaction Indicator.

| Not Used | M1205 | 602 | **Customs and Border Protection (CBP) Shipment Value** | O | 1 | AN 2/8 |
|----------|-------|-----|--------------------------------------------------------|---|---|--------|
|          |       |     | Customs and Border Protection (CBP) value in whole dollars | | | |
| Not Used | M1206 | 603 | **In-bond Control Number** | X | 1 | AN 1/25 |
|          |       |     | Currently assigned control number for in-bond movement | | | |
| Not Used | M1207 | 140 | **Standard Carrier Alpha Code** | O | 1 | ID 2/4 |
|          |       |     | Standard Carrier Alpha Code | | | |
| Not Used | M1208 | 128 | **Reference Identification Qualifier** | X | 1 | ID 2/3 |
|          |       |     | Code qualifying the Reference Identification | | | |
| Not Used | M1209 | 127 | **Reference Identification** | X | 1 | AN 1/50 |
|          |       |     | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | |
| Not Used | M1210 | 91  | **Transportation Method/Type Code** | X | 1 | ID 1/2 |
|          |       |     | Code specifying the method or type of transportation for the shipment | | | |
| Not Used | M1211 | 182 | **Vessel Name** | X | 1 | AN 2/28 |
|          |       |     | Name of ship as documented in "Lloyd's Register of Ships" | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Segment:** | | **VID** | **Conveyance Identification** | | | |
| **Position:** | | 0800 | | | | |
| **Loop:** | | BA1 | Mandatory | | | |
| **Level:** | | | | | | |
| **Usage:** | | Optional | | | | |
| **Max Use:** | | 999 | | | | |
| **Purpose:** | | To identify a conveyance and its attributes | | | | |
| **Notes:** | | Do not include the VID segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL". | | | | |

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | VID01 | 40 | **Equipment Description Code** | M | 1 | ID 2/2 |
| | | | Code identifying type of equipment used for shipment | | | |
| | | | CN   Container/Equipment/Seal  Number | | | |
| M/U | VID02 | 206 | **Equipment Initial** | O | 1 | AN 1/4 |
| | | | Prefix or alphabetic part of an equipment unit's identifying number | | | |
| | | | EQUIPMENT NUMBER (Characters 1 - 4) | | | |
| | | | The identity of the equipment or shipping container that contains the cargo; the left 4 characters. | | | |
| | | | Equivalent AESTIR Proprietary Element: SC3 - Equipment Number. | | | |
| M | VID03 | 207 | **Equipment Number** | M | 1 | AN 1/15 |
| | | | Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) | | | |
| | | | EQUIPMENT NUMBER (Characters 5 - 14) | | | |
| | | | The identity of the equipment or shipping container that contains the cargo; starting at the left, 5th through 14th characters. Maximum size - 10 characters. | | | |
| | | | Equivalent AESTIR Proprietary Element: SC3 - Equipment Number. | | | |
| | VID04 | 225 | **Seal Number** | O | 1 | AN 2/15 |
| | | | Unique number on seal used to close a shipment | | | |
| | | | SEAL NUMBER | | | |
| | | | The number from the Customs and Border Protection (CBP) seal on the shipment container. | | | |
| | | | Equivalent AESTIR Proprietary Element: SC3 - Seal Number. | | | |
| Not Used | VID05 | 225 | **Seal Number** | O | 1 | AN 2/15 |
| | | | Unique number on seal used to close a shipment | | | |
| Not Used | VID06 | 567 | **Equipment Length** | O | 1 | N0 4/5 |
| | | | Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11) | | | |
| Not Used | VID07 | 65 | **Height** | O | 1 | R 1/8 |
| | | | Vertical dimension of an object measured when the object is in the upright position | | | |
| Not Used | VID08 | 189 | **Width** | O | 1 | R 1/8 |
| | | | Shorter measurement of the two horizontal dimensions measured with the object in the upright position | | | |
| Not Used | VID09 | 24 | **Equipment Type** | O | 1 | ID 4/4 |
| | | | Code identifying equipment type | | | |
| Not Used | VID10 | 322 | **Load/Empty Status Code** | O | 1 | ID 1/1 |
| | | | Code which specifies the loaded condition of transportation equipment | | | |
| Not Used | VID11 | 56 | **Type of Service Code** | O | 1 | ID 2/2 |

Code specifying extent of transportation service requested

| Not Used | VID12 | 310 | **Location Identifier** | O | 1 | AN 1/30 |

Code which identifies a specific location

| Not Used | VID13 | 140 | **Standard Carrier Alpha Code** | O | 1 | ID 2/4 |

Standard Carrier Alpha Code

**Segment:** # N1 Party Identification

| | |
|---|---|
| **Position:** | 1000 |
| **Loop:** | N1      Mandatory |
| **Level:** | |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To identify a party by type of organization, name, and code |
| **Notes:** | Use one N1 segment for each applicable Party Type. But, when the "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL", only report on the USPPI. |

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | N101 | 98 | **Entity Identifier Code** | M | 1 | ID 2/3 |

Code identifying an organizational entity, a physical location, property or an individual

PARTY TYPE

Type of party reported in N102.

| | |
|---|---|
| CN | Ultimate Consignee |
| EX | US Principle Party in Interest (USPPI) |
| FW | Authorized Agent |
| IC | Intermediate Consignee |

Equivalent AESTIR Proprietary Element: N01 - Party Type.

| | | | | | | |
|---|---|---|---|---|---|---|
| | N102 | 93 | **Name** | X | 1 | AN 1/60 |

Free-form name

PARTY NAME and USPPI NAME

Company or enterprise name of the party identified in N101. For the USPPI, this is also the "USPPI Name". Maximum size - 30 bytes.

Equivalent AESTIR Proprietary Elements: B, Y - USPPI Name; N01 - Party Name.

| | | | | | | |
|---|---|---|---|---|---|---|
| | N103 | 66 | **Identification Code Qualifier** | X | 1 | ID 1/2 |

Code designating the system/method of code structure used for Identification Code (67)

PARTY ID TYPE and USPPI ID TYPE

Type of ID reported in N104. For the USPPI, this is both the "Party ID Type" and the "USPPI ID Type".

| | |
|---|---|
| 1 | D-U-N-S Number, Dun & Bradstreet (DUNS) |
| 24 | Employer's Identification Number (EIN) |
| 34 | Social Security Number (SSN) |
| ZZ | Foreign Entity |

Equivalent AESTIR Proprietary Elements: B, Y - USPPI ID Type; N01 - Party ID Type.

**The Census Bureau has eliminated the acceptance of SSN on any new filings effective December 3, 2009.  Corrections (change, replace or cancel) to SEDs filed with SSN prior to the effective date will continue to be accepted.**

| | | | | | | |
|---|---|---|---|---|---|---|
| | N104 | 67 | **Identification Code** | X | 1 | AN 2/80 |

Code identifying a party or other code

PARTY ID and USPPI ID

Identifier of the US Principal Party in Interest, Authorized Agent, Ultimate Consignee, or Intermediate Consignee. For USPPI, this is both the "Party ID" and the "USPPI ID". Maximum size - 11 bytes.

Equivalent AESTIR Proprietary Elements: B, Y - USPPI ID; N01 - Party ID.

| **N105** | **706** | **Entity Relationship Code** | **O** | **1** | **ID 2/2** |

Code describing entity relationship

TO BE SOLD EN ROUTE INDICATOR

A claim that the consignee is unknown at the time of shipment. (Only report for the Ultimate Consignee. Do not include for a "CANCEL" filing action.)

01    NO - Ultimate consignee known and reported.
02    YES - Cargo to be sold en route. Ultimate consignee name and address to be reported within 4 days of export.

Equivalent AESTIR Proprietary Element: N01 - To Be Sold en Route Indicator.

| **N106** | **98** | **Entity Identifier Code** | **O** | **1** | **ID 2/3** |

Code identifying an organizational entity, a physical location, property or an individual

ULTIMATE CONSIGNEE

Report any of the following values as applicable:

XT   Final Customer Organization (Direct Consumer)
QW  Government (Government Entity)
B2    Other Unlisted Type of Organizational Entity (Other/Unknown)
DU  Resale Dealer (Reseller)

Equivalent AESTIR Proprietary Element: N03 – ULTIMATE CONSIGNEE TYPE

| | Segment: | **N2** Additional Name Information |
|---|---|---|
| | **Position:** | 1100 |
| | **Loop:** | N1    Mandatory |
| | **Level:** | |
| | **Usage:** | Optional |
| | **Max Use:** | 2 |
| | **Purpose:** | To specify additional names |
| | **Notes:** | Do not include the N2 segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL". |

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | | Attributes |
|---|---|---|---|---|---|
| M | N201 | 93 | **Name** | **M** | **1  AN 1/60** |
| | | | Free-form name | | |

CONTACT NAME

Company contact title and/or first name, and last name.

Where:

Title and/or First Name - Maximum size, 13 bytes, left justified. (Space fill if less than 13 bytes.)

Last Name - Maximum size, 20 bytes starting in position 14.

Equivalent AESTIR Proprietary Elements: N01- Contact First Name; N01 - Contact Last Name.

| | N202 | 93 | **Name** | **O** | **1  AN 1/60** |
|---|---|---|---|---|---|
| | | | Free-form name | | |

CONTACT PHONE NUMBER

Company contact phone number. Maximum size - 13 bytes.

Equivalent AESTIR Proprietary Element: N02 - Contact Phone Number.

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | **N3** Party Location | | | | |

**Segment:**     **N3** Party Location
**Position:**     1150
**Loop:**     N1     Mandatory
**Level:**
**Usage:**     Optional
**Max Use:**     2
**Purpose:**     To specify the location of the named party
**Notes:**     Do not include the N3 segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL".

**Data Element Summary**

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | N301 | 166 | **Address Information** | **M** | **1** | **AN 1/55** |
| | | | Address information | | | |
| | | | ADDRESS LINE 1 | | | |
| | | | Mailing Address (first line). Maximum size - 32 bytes. | | | |
| | | | Equivalent AESTIR Proprietary Element: N02 - Address Line 1. | | | |
| | N302 | 166 | **Address Information** | **O** | **1** | **AN 1/55** |
| | | | Address information | | | |
| | | | ADDRESS LINE 2 | | | |
| | | | Mailing Address (second line). Maximum size - 32 bytes. | | | |
| | | | Equivalent AESTIR Proprietary Element: N02 - Address Line 2. | | | |

| | | | Segment: | **N4** Geographic Location | | | |
|---|---|---|---|---|---|---|---|

**Segment:** **N4** Geographic Location
**Position:** 1200
**Loop:** N1    Mandatory
**Level:**
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify the geographic place of the named party
**Notes:** Do not include the N4 segment when "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL".

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | | Attributes | | |
|---|---|---|---|---|---|---|---|
| M/U | N401 | 19 | **City Name** | O | 1 | AN 2/30 | |
| | | | Free-form text for city name | | | | |
| | | | CITY | | | | |
| | | | Mailing address (city). Maximum size - 25 bytes. | | | | |
| | | | Equivalent AESTIR Proprietary Element: N03 - City. | | | | |
| | N402 | 156 | **State or Province Code** | X | 1 | ID 2/2 | |
| | | | Code (Standard State/Province) as defined by appropriate government agency | | | | |
| | | | STATE CODE | | | | |
| | | | Mailing address (state). | | | | |
| | | | When the Country Code in N404 is: | | | | |
| | | | US   Use a valid USPS State Code. | | | | |
| | | | MX   Use a valid Mexican State Code. See "AESTIR, Appendix I - Mexican State Codes". | | | | |
| | | | Equivalent AESTIR Proprietary Element: N03 - State Code. | | | | |
| | N403 | 116 | **Postal Code** | O | 1 | ID 3/15 | |
| | | | Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | | | | |
| | | | POSTAL CODE | | | | |
| | | | Mailing address (Zip Code). Maximum size - 9 bytes. | | | | |
| | | | Equivalent AESTIR Proprietary Element: N03 - Postal Code. | | | | |
| | N404 | 26 | **Country Code** | X | 1 | ID 2/3 | |
| | | | Code identifying the country | | | | |
| | | | COUNTRY CODE | | | | |
| | | | Mailing address (country). Maximum size - 2 bytes. | | | | |
| | | | See "AESTIR, Appendix C - ISO Country Codes". | | | | |
| | | | Equivalent AESTIR Proprietary Element: N03 - Country Code. | | | | |
| Not Used | N405 | 309 | **Location Qualifier** | X | 1 | ID 1/2 | |
| | | | Code identifying type of location | | | | |
| Not Used | N406 | 310 | **Location Identifier** | O | 1 | AN 1/30 | |
| | | | Code which identifies a specific location | | | | |
| Not Used | N407 | 1715 | **Country Subdivision Code** | X | 1 | ID 1/3 | |
| | | | Code identifying the country subdivision | | | | |

**Segment:** # L13 Commodity Details
**Position:** 1300
**Loop:** L13    Optional
**Level:**
**Usage:** Optional
**Max Use:** 1
**Purpose:** To specify the commodity details
**Notes:** Do not include the L13 segment when the "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL".

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | L1301 | 23 | **Commodity Code Qualifier** | M | 1 | ID 1/1 |

Code identifying the commodity coding system used for Commodity Code

SCHEDULE B/HTS NUMBER INDICATOR

Indicates whether the Schedule B number or the HTS number is being reported in L1302.

A    U.S. International Trade Commission, HTS number
B    U.S. Census Bureau, Schedule B number

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | L1302 | 22 | **Commodity Code** | M | 1 | AN 1/30 |

Code describing a commodity or group of commodities

SCHEDULE B/HTS NUMBER

The identification of the commodity as classified by the U.S. Census Bureau (Schedule B number) or the U.S. International Trade Commission (HTS number). Maximum size - 10 bytes.

See "AESTIR, Appendix Z - Additional Information Sources" regarding where to find the Schedule B and HTS.  See "AESTIR, Appendix V - HTS Numbers That Cannot be Reported in AES".  See "AESTIR, Appendix U - HTS/ Schedule B Classifications Requiring Used Vehicle Reporting (Input EV1 Record).

Equivalent AESTIR Proprietary Element: CL2 - Schedule B/HTS Number.

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | L1303 | 355 | **Unit or Basis for Measurement Code** | M | 1 | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

UNIT OF MEASURE (1)

A unit of measure code that corresponds to the first quantity (Quantity 1) as prescribed by the Schedule B/HTS number reported.

See "AESTIR, Appendix K - Units of Measure Codes".

Equivalent AESTIR Proprietary Element: CL2 - Unit of Measure (1).

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | L1304 | 380 | **Quantity** | M | 1 | R 1/15 |

Numeric value of quantity

QUANTITY (1)

Total number of units that correspond to the first unit (Unit of Measure 1). Maximum size - 10 bytes.

Equivalent AESTIR Proprietary Element: CL2 - Quantity (1).

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | L1305 | 522 | **Amount Qualifier Code** | M | 1 | ID 1/3 |

Code to qualify amount

VALUE OF GOODS QUALIFIER

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 10   Shipment Value in U.S. Dollars | | | |
| M | L1306 | 782 | **Monetary Amount** | M | 1 | **R 1/18** |
| | | | Monetary amount | | | |
| | | | VALUE OF GOODS | | | |
| | | | Value of the commodity reported in whole U.S. dollars. Maximum size - 10 bytes. | | | |
| | | | Equivalent AESTIR Proprietary Element: CL2 - Value of Goods. | | | |
| M | L1307 | 554 | **Assigned Number** | M | 1 | **N0 1/6** |
| | | | Number assigned for differentiation within a transaction set | | | |
| | | | LINE NUMBER | | | |
| | | | A number that identifies the specific commodity line item within a shipment. Maximum size - 4 bytes. | | | |
| | | | Equivalent AESTIR Proprietary Element: CL1 - Line Number. | | | |
| | L1308 | 355 | **Unit or Basis for Measurement Code** | X | 1 | **ID 2/2** |
| | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |
| | | | UNIT OF MEASURE (2) | | | |
| | | | A unit of measure code that corresponds to the second quantity (Quantity 2) as prescribed by the Schedule B/HTS number reported. | | | |
| | | | See "AESTIR, Appendix K - Units of Measure Codes". | | | |
| | | | Equivalent AESTIR Proprietary Element: CL2 - Unit of Measure (2). | | | |
| | L1309 | 380 | **Quantity** | X | 1 | **R 1/15** |
| | | | Numeric value of quantity | | | |
| | | | QUANTITY (2) | | | |
| | | | Total number of units that correspond to the second unit  (Unit of Measure 2). Maximum size - 10 bytes. | | | |
| | | | Equivalent AESTIR Proprietary Element: CL2 - Quantity (2). | | | |
| | L1310 | 188 | **Weight Unit Code** | X | 1 | **ID 1/1** |
| | | | Code specifying the weight unit | | | |
| | | | K   Kilograms | | | |
| | L1311 | 81 | **Weight** | X | 1 | **R 1/10** |
| | | | Numeric value of weight | | | |
| | | | SHIPPING WEIGHT | | | |
| | | | Gross shipping weight in kilograms.  Weight to include container, but exclude carrier equipment. | | | |
| | | | Equivalent AESTIR Proprietary Element: CL2 - Shipping Weight. | | | |
| | L1312 | 369 | **Free-form Description** | O | 1 | **AN 1/45** |
| | | | Free-form descriptive text | | | |
| | | | COMMODITY DESCRIPTION | | | |
| | | | A commercial description of the commodity reported for the line item. | | | |
| | | | Equivalent AESTIR Proprietary Element: CL1 - Commodity Description. | | | |
| | L1313 | 1578 | **Export Exception Code** | O | 1 | **ID 2/2** |
| | | | Code specifying why an  Electronic Export Information (EEI)is not required | | | |
| | | | EXPORT INFORMATION CODE | | | |

A code that indicates the reporting requirements.

See "AESTIR, Appendix E - Commodity Filing Export Information Codes and Reporting Guidelines".

Equivalent AESTIR Proprietary Element: CL1 - Export Information Code.

| M/U | L1314 | 306 | **Action Code** | **O** | **1** | **ID 1/2** |

Code indicating type of action

LINE ITEM FILING ACTION REQUEST INDICATOR

The AES action requested for this commodity line item.

1    ADD - Establish a commodity line item.
2    CHANGE - Correct/change a previously filed commodity line item (i.e., the basic line item detail, commodity detail [if any], license detail [if any], and ALL exported used vehicles [if any]).
3    DELETE - Remove a commodity line item from the shipment.

Equivalent AESTIR Proprietary Element: CL1 - Line Item Filing Action Request Indicator.

| Not Used | L1315 | 1589 | **Harbor Maintenance Fee (HMF) Exemption Code** | **X** | **1** | **AN 1/2** |

Code specifying the reason a commodity is exempt from Harbor Maintenance Fees

| Not Used | L1316 | 610 | **Amount** | **X** | **1** | **N2 1/15** |

Monetary amount

**Segment:** # MAN **Marks and Numbers**

| | | |
|---|---|---|
| **Position:** | 1400 | |
| **Loop:** | L13 | Mandatory |
| **Level:** | | |
| **Usage:** | Optional | |
| **Max Use:** | 999 | |
| **Purpose:** | To indicate identifying marks and numbers for shipping containers | |
| **Notes:** | Alternate use is to enter validation data for Participating Government Agency (PGA) related exports.  Limit use to 999 instances. Do not include MAN segment when 1)"Shipment Filing Action Request Indicator" in element BA102 is "CANCEL", or when 2) "Line Item Filing Action Request Indicator" in element L1314 is "DELETE". | |

**Data Element Summary**

| | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | MAN01 | 88 | **Marks and Numbers Qualifier** | M | 1 | ID 1/2 |
| | | | Code specifying the application or source of Marks and Numbers (87) | | | |
| | | | When used for PGA data entry, always Enter 'ZZ' | | | |
| M | MAN02 | 87 | **Marks and Numbers** | M | 1 | AN 1/48 |
| | | | Marks and numbers used to identify a shipment or parts of a shipment | | | |
| | | | When used for PGA data entry, always enter the 3 character PGA ID, left justified. Example: In the case of EPA enter "EP1". | | | |
| | | | For AMS, the valid value allowed is AM1. | | | |
| | | | For ATF, the valid value allowed is AT6. | | | |
| | | | For DEA, the valid value allowed is DEA. | | | |
| | | | For EPA, the valid value allowed is EP1. | | | |
| | | | For NMFS, the valid value allowed is NM7, NM8 and NM9. | | | |
| | | | For TTB, the valid value allowed is TTB. | | | |
| M/U | MAN03 | 87 | **Marks and Numbers** | O | 1 | AN 1/48 |
| | | | Marks and numbers used to identify a shipment or parts of a shipment | | | |
| | | | Based on the PGA ID, this data element will contain data related to the PGA as left justified concatenated text. | | | |
| | | | See Appendix Q for PGA record formats | | | |
| O | MAN04 | 88 | **Marks and Numbers Qualifier** | X | 1 | ID 1/2 |
| | | | **C (continuation)** | | | |
| | | | **See Appendix Q for PGA record formats** | | | |
| O | MAN05 | 87 | **Marks and Numbers** | X | 1 | AN 1/48 |
| | | | **See Appendix Q for PGA record formats** | | | |
| Not Used | MAN06 | 87 | **Marks and Numbers** | O | 1 | AN 1/48 |

**Segment:** **X1** Export License
**Position:** 1500
**Loop:** L13     Optional
**Level:**
**Usage:** Optional
**Max Use:** 1
**Purpose:** To transmit information contained on an export license
**Notes:** Do not include the X1 segment when: 1) "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL", or when 2) "Line Item Filing Action Request Indicator" in element L1314 is "DELETE".

<div align="center">

**Data Element Summary**

</div>

| User Attribute | Ref. Des. | Data Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| | X101 | 83 | **Code For Licensing, Certification, Registration, or Accreditation Agency** | O | 1 | ID 1/2 |

Code identifying a licensing, certification, registration, or accreditation agency.

Equivalent AESTIR Proprietary Elements: CL1 – PGA License Required Indicator

PGA License Required Indicator**: Y (yes) or N (no).**

| | X102 | 50 | **Export License Number** | O | 1 | AN 6/35 |

Government assigned identification number for exporter

EXPORT LICENSE NUMBER/CFR CITATION/AUTHORIZATION SYMBOL/KPC#/ACM# or DDTC ITAR EXEMPTION NUMBER

Report one of the following:

1. EXPORT LICENSE NUMBER/CFR CITATION/AUTHORIZATION SYMBOL/KPC#/OFAC
   License number, CFR citation, authorization symbol or Kimberley Process Certificate Number assigned by the licensing agency. See "AESTIR, Appendix F - License and License Exemption Type Codes".

2. DDTC ITAR EXEMPTION NUMBER
   The specific citation (exemption number) under the International Traffic in Arms Regulations (ITAR) from the Code of Federal register (see 22 CFR 120-130) that exempts the shipment from the requirements for a license or other written authorization from DDTC. Do NOT cite the title number or include the string "CFR". Eliminate all parentheses, but include all periods (i.e., dots). See "AESTIR, Appendix O - DDTC ITAR Exemption Codes".

3. DDTC ITAR EXEMPTION NUMBER and APPROVED COMMUNITY MEMBER NUMBER
   The DDTC ITAR Exemption Number will be followed by the ACM#. See #2 above for DDTC ITAR Exemption Number. The first 12 characters of the field is reserved for the DDTC ITAR Exemption. Add spaces at the end of the DDTC ITAR Exemption, if necessary, to fill first 12 characters. The next 11 characters of the field is reserved for the ACM#. The ACM# for the United Kingdom must begin with UK followed by 9 numbers. The ACM# for Australia must begin with DTT followed by 8 numbers.

When reporting the:

1. Export License Number/CFR Citation/Authorization Symbol/KPC#/OFAC -

enter
  "1" in X103 - Number Qualifier.
2. DDTC ITAR Exemption Number - enter "2" in X103 - Number
  Qualifier.
3.  DDTC ITAR Exemption Number and Approved Community Member # -
  Enter "3" in  X103 – Number Qualifier


Maximum size of X102 is 23 bytes.


Equivalent AESTIR Proprietary Elements: CL2 - Export License Number/
CFR Citation/Authorization Symbol/KPC#/ACM#; ODT - DDTC ITAR
Exemption Number.

| | **X103** | **51** | **Export License Status Code** | **O** | **1** | **ID 1/1** |
|---|---|---|---|---|---|---|

Code defining whether the shipment completes the terms of the license, or the
shipment is only a partial delivery relative to the license terms

NUMBER QUALIFIER

Identifies the type of number reported in element X102.

1     Export License Number/CFR Citation/Authorization Symbol/KPC#
2     DDTC ITAR Exemption Number
3     DDTC ITAR Exemption Number and Approved Community Member #

| **Not Used** | **X104** | **373** | **Date** | **O** | **1** | **DT 8/8** |
|---|---|---|---|---|---|---|

Date expressed as CCYYMMDD where CC represents the first two digits of
the calendar year

| | **X105** | **52** | **Export License Symbol Code** | **O** | **1** | **ID 1/2** |
|---|---|---|---|---|---|---|

Code which specifies the export symbol marked on a shipment

DDTC USML CATEGORY CODE

The DDTC U.S. Munitions List (USML) category of articles, service, or
related technical data as it applies to the article reported.

See "AESTIR, Appendix L - DDTC USML Category Codes".

Equivalent AESTIR Proprietary Element: ODT - DDTC USML Category
Code.

| | **X106** | **48** | **Export License Control Code** | **O** | **1** | **ID 1/1** |
|---|---|---|---|---|---|---|

Code indicating the type of control applicable to the export license

DDTC ELIGIBLE PARTY CERTIFICATION INDICATOR

A self-certification by the exporter for the exemption, and a self-certification
by the exporter that they are an eligible party (per 22 CFR 120.1(c)).

N     NO - The exporter has not both self-certified for the exemption and
      is an eligible party.
Y     YES - The exporter has both self-certified for the exemption and is
      an eligible party.

Equivalent AESTIR Proprietary Element: ODT - DDTC Eligible Party
Certification Indicator.

| | **X107** | **26** | **Country Code** | **O** | **1** | **ID 2/3** |
|---|---|---|---|---|---|---|

Code identifying the country

LICENSE CODE/LICENSE EXEMPTION CODE

A type of other government agency export license, permit, license exemption
or an indication that NO license is required.

See "AESTIR,  Appendix F - License and License Exemption Type Codes and
Reporting Guidelines".

| | | | | | | |
|---|---|---|---|---|---|---|

Equivalent AESTIR Proprietary Element: CL1 - License Code/License Exemption Code.

| | **X108** | **141** | **Schedule B Code** | **O** | **1** | **ID 7/10** |

Code identifying commodity number established for international statistical purposes

DDTC REGISTRATION NUMBER

The registration identifier assigned by the DDTC to the registered manufacturer or exporter that has authorization from the DDTC (through a license or exemption) to export the article.

Left justify the DDTC Registration Number, then add a zero after the right most digit so that there are 7 characters. The Customs and Border Protection (CBP) will use the left 6 bytes to populate the Proprietary ODT record.

Equivalent AESTIR Proprietary Element: ODT - DDTC Registration Number.

| | **X109** | **210** | **International/Domestic Code** | **O** | **1** | **ID 1/1** |

Code indicating international or domestic shipment

FOREIGN/DOMESTIC ORIGIN INDICATOR

An indication as to the origin of the commodity.

D    Domestic origin
F    Foreign origin

Equivalent AESTIR Proprietary Element: CL1 - Foreign/Domestic Origin Indicator.

| | **X110** | **80** | **Lading Quantity** | **O** | **1** | **N0 1/7** |

Number of units (pieces) of the lading commodity

DDTC QUANTITY

Total number of units that correspond to the DDTC measure reported.

Equivalent AESTIR Proprietary Element: ODT - DDTC Quantity.

| **Not Used** | **X111** | **148** | **Lading Value** | **O** | **1** | **R 2/9** |

Value of shipment for export, expressed in the standard monetary denomination for the currency specified

| **Not Used** | **X112** | **47** | **Export Filing Key Code** | **O** | **1** | **ID 1/1** |

Code indicating the type of communications with the Customs and Border Protection (CBP)

| | **X113** | **355** | **Unit or Basis for Measurement Code** | **O** | **1** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

DDTC UNIT OF MEASURE CODE

The DDTC unit of measure for the article being shipped. The unit of measure provided on the export authorization.

See "AESTIR, Appendix W - DDTC Unit of Measure Codes".

Equivalent AESTIR Proprietary Element: ODT - DDTC Unit of Measure Code.

| | **X114** | **212** | **Unit Price** | **O** | **1** | **R 1/17** |

Price per unit of product, service, commodity, etc.

LICENSE VALUE
Value for a licensable shipment that will not include any overhead like insurance, domestic freight or other charges in whole US dollars.
Size 10 bytes.
Equivalent AESTIR Proprietary Element:  CL1 – LICENSE VALUE

|  | X115 | 1306 | **U.S. Government License Type** | **O** | **1** | **AN 1/1** |

Code to identify the type of government license involved

> DDTC SIGNIFICANT MILITARY EQUIPMENT (SME) INDICATOR
>
> An indication that the articles reported warrant special export controls because of their capacity for substantial military utility of capability (see 22 CFR 121.1 for SME articles).
>
> N    NO - Articles do not warrant special export controls.
> Y    YES - Articles do warrant special export controls.
>
> Equivalent AESTIR Proprietary Element: ODT - DDTC Significant Military Equipment (SME) Indicator.

|  | X116 | 67 | **Identification Code** | **O** | **1** | **AN 2/80** |

Code identifying a party or other code

> EXPORT CONTROL CLASSIFICATION NUMBER (ECCN)
>
> An Export Control Classification Number (ECCN) as issued by the Industry and Security (BIS) (formerly the Export Administration [BXA]). Maximum size - 5 bytes.
>
> Equivalent AESTIR Proprietary Element: CL2 - ECCN.

| **Not Used** | X117 | 310 | **Location Identifier** | **O** | **1** | **AN 1/30** |

Code which identifies a specific location

**Segment:** **VEH** Vehicle Information
**Position:** 1600
**Loop:** L13    Optional
**Level:**
**Usage:** Optional
**Max Use:** 9999
**Purpose:** To provide descriptions that identifies a specific vehicle
**Notes:** Limit use to 999 instances. Do not include the VEH segment when: 1) "Shipment Filing Action Request Indicator" in element BA102 is "CANCEL", or when 2) "Line Item Filing Action Request Indicator" in element L1314 is "DELETE".

### Data Element Summary

| User Attribute | Ref. Des. | Data Element | Name | | Attributes | | |
|---|---|---|---|---|---|---|---|
| Not Used | VEH01 | 554 | **Assigned Number** | O | 1 | N0 1/6 | |
| | | | Number assigned for differentiation within a transaction set | | | | |
| M/U | VEH02 | 539 | **Vehicle Identification Number** | O | 1 | AN 1/30 | |
| | | | Unique identification number stamped on the vehicle by the manufacturer | | | | |
| | | | VEHICLE IDENTIFICATION NUMBER (VIN)/PRODUCT ID<br><br>Identification of the reported used vehicle. Report a "Product ID" number for used self-propelled vehicles that do not have a VIN. Maximum size - 25 bytes.<br><br>Equivalent AESTIR Proprietary Element: EV1 - VIN/Product ID. | | | | |
| Not Used | VEH03 | 1095 | **Year** | O | 1 | N0 4/4 | |
| | | | Four position designation of the year expressed as CCYY | | | | |
| Not Used | VEH04 | 559 | **Agency Qualifier Code** | X | 1 | ID 2/2 | |
| | | | Code identifying the agency assigning the code values | | | | |
| M/U | VEH05 | 127 | **Reference Identification** | X | 1 | AN 1/50 | |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | |
| | | | VEHICLE ID QUALIFIER<br><br>Type of used vehicle number reported in VEH02.<br><br>V   VIN<br>P   Product ID<br><br>Equivalent AESTIR Proprietary Element: EV1 - Vehicle ID Qualifier. | | | | |
| Not Used | VEH06 | 127 | **Reference Identification** | O | 1 | AN 1/50 | |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | |
| Not Used | VEH07 | 127 | **Reference Identification** | X | 1 | AN 1/50 | |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | |
| Not Used | VEH08 | 82 | **Length** | O | 1 | R 1/8 | |
| | | | Largest horizontal dimension of an object measured when the object is in the upright position | | | | |
| | VEH09 | 127 | **Reference Identification** | O | 1 | AN 1/50 | |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | |
| | | | VEHICLE TITLE NUMBER<br><br>Title number as issued by a Motor Vehicle Administration (MVA). Not required when the Vehicle ID Qualifier in VEH05 = P (Product ID). Maximum size - 15 bytes.<br><br>Equivalent AESTIR Proprietary Element: EV1 - Vehicle Title Number. | | | | |
| | VEH10 | 156 | **State or Province Code** | O | 1 | ID 2/2 | |

Code (Standard State/Province) as defined by appropriate government agency

VEHICLE TITLE STATE CODE

US state code of the Motor Vehicle Administration (MVA) that issued the title.

Report a valid USPS State code.
Report "US" for a diplomatic vehicle.
Not required when the Vehicle ID Qualifier in VEH05 = P (Product ID).

Equivalent AESTIR Proprietary Element: EV1 - Vehicle Title State Code.

| Not Used | VEH11 | 310 | **Location Identifier** | O | 1 | AN 1/30 |
| | | | Code which identifies a specific location | | | |
| Not Used | VEH12 | 1073 | **Yes/No Condition or Response Code** | O | 1 | ID 1/1 |
| | | | Code indicating a Yes or No condition or response | | | |
| Not Used | VEH13 | 610 | **Amount** | O | 1 | N2 1/15 |
| | | | Monetary amount | | | |
| Not Used | VEH14 | 1073 | **Yes/No Condition or Response Code** | O | 1 | ID 1/1 |
| | | | Code indicating a Yes or No condition or response | | | |
| Not Used | VEH15 | 610 | **Amount** | O | 1 | N2 1/15 |
| | | | Monetary amount | | | |
| Not Used | VEH16 | 306 | **Action Code** | O | 1 | ID 1/2 |
| | | | Code indicating type of action | | | |

| | Segment: | **SE** Transaction Set Trailer |
|---|---|---|
| | **Position:** | 2000 |
| | **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 1 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 1 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:** 2100
**Loop:**
**Level:**
**Usage:** Optional (Must Use)
**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 | 1 | 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 | 1 | N0 1/9 |
| | | | Assigned number originated and maintained by the sender | | | |

**Segment:** **IEA** Interchange Control Trailer
**Position:** 2200
**Loop:**
**Level:**
**Usage:** Optional (Must Use)
**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 | 1 | N0 1/5 |
| | | | A count of the number of functional groups included in an interchange | | | |
| M | IEA02 | I12 | **Interchange Control Number** | M | 1 | N0 9/9 |
| | | | A control number assigned by the interchange sender | | | |