# CBP EXPORTS RAIL X12 309 CUSTOMS MANIFEST 

October 2022
U.S. Customs and

Border Protection

## Table of Changes:

| Revision <br> Number | Date of <br> Change | Section(s) Affected | Brief Description of Change |
| :---: | :--- | :--- | :--- |
| $\mathbf{3 . 0 . 4}$ | $\mathbf{1 0 / 2 0 2 2}$ | ISA07 | Update to make ZZ required for both <br> CERT \& PROD |
|  |  | ISA08 \& GS03 | Update identifying codes to USCXP for <br> Production \& USCXT for CERT Testing |
| $\mathbf{3 . 0 . 3}$ | $\mathbf{1 0 / 2 0 2 2}$ | ISA07 | Change of ISA07 to add ZZ for Production <br> and the removal of '02' Always in notes |

## Functional Group ID=A@

## Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Customs 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 Customs with manifest data on cargo arriving in or departing from oceangoing vessels, railroad trains, or other types of conveyances. The transaction set can be also 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.

This Implementation Guideline uses the ASC X12 7010 Standards Version/Release as its base. The transaction structure has been altered to accommodate U.S. Customs and Border Protection implementation requirements.

## Notes:

## SPECIAL MESSAGING CONSTRAINTS:

- Limit one Interchange (ISA-IEA) per message transmission.
- Limit one message Group (GS-GE) per message transmission.
- Limit one transaction sets (ST-SE) of the same Transaction Set (TS) Identifier Code (i.e., 309). Only one is allowed per message transmission.
- 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'.
- 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.
- 'Not Used' in the left column indicates that a composite or data element will not be used by BP.
- 'Dep' in the left column indicates that CBP usage of a particular segment or element is - dependent (Conditional) within the CBP application.
- Per the ASC X12 Standard, an 'M' indicates a Mandatory use, 'O' indicates Optional use, and an 'X' indicates a Conditional use. CBP requirements may override ASC X12 Standard Mandatory or Conditional usages.
- Maximum allowable message transmission size is 12 megabytes (12,582,912 bytes) of data.
(Last Update: September 2015) ACE v 1.0.1 Rail Export

|  | Pos. <br> No. | Seg. <br> ID | Name | Req. <br> Des. | Max.Use | Loop Repeat | Notes and Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Must Use | 0050 | ISA | Interchange Control Header | M | 1 |  |  |
| Must Use | 0075 | GS | Functional Group Header | M | 1 |  |  |
| M | 0100 | ST | Transaction Set Header | M | 1 |  |  |
| M | 0200 | M10 | Manifest Identifying Information | M | 1 |  |  |
| Not Used | 0210 | N9 | Extended Reference Information | O | 5 |  |  |


| Not Used | 0250 | VEH | Vehicle Information | O | 10 |
| :--- | :--- | :--- | :--- | :--- | :---: |
| Not Used | 0255 | M7 | Seal Numbers | O | 1 |
| Not Used | 0260 | CII | Conveyance Insurance Information | O | 3 |
|  |  |  | LOOP ID - NM1 | O | 1 |
| Not Used | 0270 | NM1 | Individual or Organizational Name | O | 1 |
| Not Used | 0290 | DMG | Demographic Information | O | 1 |
| Not Used | 0300 | DMA | Additional Demographic Information | O | 10 |
| Not Used | 0310 | REF | Reference Information | O | 2 |
| Not Used | 0320 | N3 | Party Location | O | 1 |



Segment: Position: Loop: Level: Usage: Max Use: Purpose:

## Syntax Notes:

```
Mandatory
1
To start and identify an interchange of zero or more functional groups and
interchange-related control segments
```


## Data Element Summary

Ref.
Data

Attributes 101 Authorization Information Qualifier M 1 ID 2/2 Code identifying the type of information in the Authorization Information Always '04' 04

Rail Communications ID
102 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)
Always 'SW309' plus 5 spaces.
M ISA03
I03 Security Information Qualifier
M 1 ID 2/2
Code identifying the type of information in the Security Information
Always '00'
00
No Security Information Present (No Meaningful Information in I04)
104 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 (IO3)

## Always 10 spaces.

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

## Always '02' <br> 02 <br> SCAC (Standard Carrier AlphaCode)

I06 Interchange Sender ID
M $\quad 1$ 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
Sender Identifier. May be identical to that of GS02.
M ISA07
105 Interchange ID Qualifier
Code indicating the system/method of code structure used to designate the
sender or receiver ID element being qualified

```
ZZ= Required
ZZ Mutually Defined
```

M ISA08
107 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

| USCXP | Production |
| :--- | :--- |
| USCXT | Testing |

USCXT Testing
M ISA09 I08 Interchange Date


Segment: Position: Loop: Level: Usage:
Max Use:
Purpose: Syntax Notes: Semantic Notes:

## Ref.

Des.
M
GS01

M

M

M
GS04

## GS Functional Group Header

0075

Mandatory
1
To indicate the beginning of a functional group and to provide control information
1 GS04 is the group date.
2 GS05 is the group time.
3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

## Data Element Summary

## Data

## Element Name

479 Functional Identifier Code
$M_{M} \frac{\text { Attributes }}{1 \text { ID 2/2 }}$
Code identifying a group of application related transaction sets

## Always 'AQ'

AQ Customs Manifest (309)
142 Application Sender's Code
M $\quad 1$ AN 2/15
Code identifying party sending transmission; codes agreed to by trading partners
Sender Identifier. May be identical to that of ISA06.
124 Application Receiver's Code
M 1 AN 2/15
Code identifying party receiving transmission; codes agreed to by trading partners

| USCXP | Production |
| :--- | :--- |
| USCXT | Testing |

373 Date M 1 DT 8/8
Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

| CC | Century |
| :--- | :--- |
| DD | Day of Month |
| MM | Month of Year |
| YY | Year $\quad$ Date asCCYYMMDD where: |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where $\mathrm{H}=$ hours ( $00-23$ ), $\mathrm{M}=$ minutes (00-59), $\mathrm{S}=$ integer seconds (00-59) and $\mathrm{DD}=$ decimal seconds; decimal seconds are expressed as follows: $\mathrm{D}=$ tenths $(0-9)$ and $\mathrm{DD}=$ hundredths (00-99)
Use Eastern Standard/Daylight Time.
Time as HHMM where:

| HH | Hours |
| :--- | :--- |
| MM | Minutes |

Assigned number originated and maintained by the sender
455 Responsible Agency Code
Code identifying the issuer of the standard; this code is used in conjunction
with Data Element480 Always ' $\mathrm{X}^{\prime}$

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 Always '00701'

00701 Standards Approved for Publication by ASC X12
Procedures Review Board through October 2012

# Segment: $\mathbf{S T}$ Transaction Set Header 

Position: 0100
Loop:
Level:
Usage:
Max Use:
Purpose: Syntax Notes:

## Semantic Notes:

## Ref.

Data
$M \quad \underset{\text { ST01 }}{ }$

Element Name
143 Transaction Set Identifier Code
Attributes
Code identifying a Transaction Set
Always '309' 309 Customs Manifest
M ST02
329 Transaction Set Control Number
M $\quad 1$ 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

# Segment: M10 Manifest Identifising Information 

Position:
0200
Loop:
Level: Usage:
Max Use:
Purpose:
Mandatory
1
To transmit manifest identifying information
1 If either M1004 or M1010 is present, then the other is required.
2 If either M1015 or M1016 is present, then the other is required.
Semantic Notes:
1 M1004 is the International Maritime Organization (IMO) Vessel Code maintained in Lloyd's Register of Shipping.
2 M1007 is used for the six-digit Numeric Manifest Sequence Number.
3 M1011 indicates if the transmission involves an in-bond participant. A "Y" indicates it does; an " N " indicates it does not.
4 M1012 is a unique identification number for the manifest assigned by the originator of the manifest with a maximum length of 15 .
5 M1017 is the type of initial manifest being amended by this transmission.


Manifest Type Code
Code identifying the type of manifest transmitted Required by CBP. Values accepted by CBP:

P Preliminary Export Manifest from Carrier to U.S. Customs
Y Amendment to Export Manifest from Carrier to U.S.
Customs - Used to add or delete a bill after sending a 358
Consist, or when deleting a preliminary manifest.

| Vessel Code Qualifier | X | $\mathbf{1}$ | ID 1/1 |
| :--- | :--- | :--- | :--- |
| Yes/No Condition or Response Code | 0 | 1 | ID 1/1 |
| Reference Identification | $\mathbf{O}$ | 1 | AN 1/80 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Carrier assigned reference number that will be returned in the response Message.

- CBP accepts up to 30 alpha/numeric characters in this element.
Transaction Set Purpose Code
$0 \quad 1$ ID 2/2

Application Type Code
$0 \quad 1$ ID $2 / 2$
Code identifying an operation
Values accepted by CBP:
28 Rail ExportManifest
Amendment Type Code $\quad$ X 1 ID 1/1
Amendment Code $\quad$ X 1 ID 2/2
Manifest Type Code $\quad 0 \quad 1$ ID 1/1

Segment:
P4
Position: Loop: Level: Usage:
Max Use:
Purpose: Syntax Notes: Semantic Notes:

0400

1

P4 Mandatory

Mandatory
To transmit identifying information for a port
1 P401 is used for customs district and port code (census schedule D). This is the last US Port before the cargo departs. Also known as the port of export.
2 P402 is the estimated date of departure.
3 P403 is used for number of bills of lading.
4 P404 is the Facilities Information and Resources Management System (FIRMS) Code.
5 P 405 is the estimated time of departure for P402.
6 P406 is the date conveyance departed prior port.
$7 \quad \mathrm{P} 407$ is the time conveyance departed prior port.
Notes: Port of Departure information. CBP only accepts one P4 segment per transaction for RAIL applications.

Data Element Summary
Ref.
Data
$M \quad \frac{\text { Des. }}{\text { P401 }}$

| Element | Name |  |  | Attributes |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 310 | Location Identifier |  |  | M | 1 AN 1/30 |
|  | Code which identifies | a | specific | location |  |
|  | Port of departure of train from the U.S. Refer to Export Multimodal Manifest |  |  |  |  |
|  | Appendix L |  |  |  |  |
|  | - CBP only accepts 4 numeric characters in this field. |  |  |  |  |
| 373 | Date |  |  | M | 1 DT 8/8 |
|  | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year |  |  |  |  |
|  | Estimated Date of Departure from the U.S. Match EDA of original manifest submission when Amending BOL. |  |  |  |  |

Date as CCYYMMDD where:

| CC | Century |
| :--- | :--- |
| DD | Day of Month |
| MM | Month of Year |
| YY | Year |


| Not Used | P403 | 380 | Quantity | 0 | 1 | R 1/15 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Not Used | P404 | 310 | Location Identifier | 0 | 1 | AN 1/30 |
| Not Used | P405 | 337 | Time | 0 | 1 | TM 4/8 |
| Not Used | P406 | 373 | Date | 0 | 1 | DT 8/8 |
| Not Used | P407 | 337 | Time | 0 | 1 | TM 4/8 |


| Segment: | LX Transaction Set Line Number |
| :---: | :---: |
| Position: | 0600 |
| Loop: | LX Mandatory |
| Level: |  |
| Usage: | Mandatory |
| Max Use: | 1 |
| Purpose: | To reference a line number in a transaction set |
| Syntax Notes: |  |
| Semantic Notes: |  |

## Data Element Summary

## Ref. Data

Number assigned for differentiation within a transaction set One LX segment per bill in the 309 transaction set.
Increment this element by +1 for each BOL reported in subsequent segments

Segment: Position: Loop: Level: Usage: Max Use: Purpose:

## Syntax Notes:

Semantic Notes: after conveyance departure.
1 If either M1308 or M1310 is present, then the other is required.
2 If either M1311 or M1312 is present, then the other is required.
1 M1301 is the bill of lading issuer code.
2 M1302 is used for discharge port (four-digit numeric census schedule D).
3 M1305 is new manifest quantity and is used if M1303 equals "R".
4 M1308 is used to report individual portions of a consolidated shipment.
5 M1309 is the conveyance operator's Standard Carrier Alpha Code (SCAC).
6 M1310 is the issuer code for the consolidated shipment.
Notes: 1. Used to reflect any change to previous submissions. Required if M1009 is 'Y'.
2. Not used when M1009 is 'P'.
3. M1301 + M1304 comprise the unique bill of lading number.
4. When a manifest is arrived the M13 segment is required to add a new Bill of Lading or amend an existing Bill of Lading.
5. If the M1303 is 'A', the Bill of Lading must be transmitted using the M11 through H2 segments.
6. If the M1303 is 'D' or 'R', do not include the Bill of Lading segments M11 through H2

## Data Element Summary

## Ref. Data

140 Standard Carrier Alpha Code
Code identifying the Standard Carrier Alpha Code
SCAC of Bill Issuer. M1301 + M1304 comprise the unique bill of lading number.

- Required byCBP when M1303 is 'D' or 'R'.
- If M1303 = A then only ANSI X. 12 syntax validations will be performed on M1304.
M M1302
310
Location Identifier
M $\quad 1$ AN $1 / 30$
Code which identifies a specific location
Port of departure from the U.S. Refer to Export
Multimodal Manifest Appendix L
- CBP accepts accept 4 numeric characters in this element.
580 Amendment Type Code
M 1 ID 1/1
Code identifying type of manifest amendment
Required by CBP. Values accepted by CBP.

| A | Add a Bill of Lading |
| :--- | :--- |
| D | Delete a Bill of Lading |

R Replace a New Manifest Quantity, Either an Increase or Decrease in the OriginalQuantity
598 Bill of Lading/Waybill Number
M 1 AN 1/50
Identification number assigned to the shipment by the carrier or consolidator
Bill Issuer Sequence number.
M1301+M1304 comprise the unique Bill of Lading number. It must be unique for 3 years.
Required by CBP when M1303 is 'D' or 'R'
If M1303 is 'A' then only ANSI X12 syntax validations will be performed. CBP accepts up to 50 alpha/numeric characters in this element.

Numeric value of quantity

## Quantity if amendment code in M1303 is 'R'.

Code specifying the reasons for the amendment of the manifest record CBP accepts 2 numeric characters in this field. Required by CBP.
1 Not laden aboard per evidence from foreign shipper, or amended bill of lading

2

3
4

5

6

7

8

9

10

11
12

13

17

Error in manifesting, not laden on this carrier. Laden on subsequent carrier for transportation to United States, per evidence in files.
Clerical error in manifesting per bill of lading in files
Pilfered or prematurely landed prior to arrival in United States per signed statement of master or his agent or vessel log extract in ourfile
Erroneously duplicated by another bill of lading on the same manifest
Prematurely landed or overcarried to another United States port where proper disposition was made per evidence in our files
Inadvertently retained on board and taken foreign per master's or his agent's statement, amended bill of lading, landing certificate, in ourfiles Container stripped under Customs supervision; Foreign seals affixed abroad were intact, as per evidence in our files
Merchandise apparently pilfered on dock while in custody of carrier
Inadvertently delivered without customs release; Goods will be redelivered intact or duty and taxes will be paid by carrier
Overage - Omitted from manifest through clerical error
Overage - Manifested for discharge at another port and inadvertentlydischarged at this port
Proper entry filed or place in general order per entry or general order number
Merchandise inadvertently delivered
To Consignee without CBP release.
Merchandise will be re-delivered Intact Or liquidated damages will be Paid.
Merchandise cannot be located and Has apparently been lost.
Liquidated damages will bepaid. Error in quantity manifested at port of Origin. Manifest Discrepancy Report Will be filed at origin to correct in-bond Entry. A copy will be delivered to this Port within 90 days or duty and taxes will be paid.
Merchandise removed from original Container and re-stuffed as part of The in-bond movement

| Not Used | M1310 | 140 | Standard Carrier Alpha Code | X | 1 |
| :--- | :--- | :---: | :--- | :--- | :--- |
| ID 2/4 |  |  |  |  |  |
| Not Used | M1311 | 66 | Identification Code Qualifier | X | 1 |
| ID 1/2 |  |  |  |  |  |
| Not Used | M1312 | 67 | Identification Code | X | $\mathbf{1}$ |
| AN 2/80 |  |  |  |  |  |


| Segment: | M11 | Manifest Bill of Lading Details |
| :---: | :---: | :---: |
| Position: | 0800 |  |
| Loop: | LX | Mandatory |
| Level: |  |  |
| Usage: | Optional ( | (Dependent) |
| Max Use: | 1 |  |
| Purpose: | To transmi | it bill of lading detail information for a manifest |
| Syntax Notes: | 1 If eith | ther M1103 or M1104 is present, then the other is required. |
|  | 2 If eith | her M1105 or M1106 is present, then the other is required. |
|  | 3 If eith | her M1107 or M1108 is present, then the other is required. |
|  | 4 If eith | her M1111 or M1113 is present, then the other is required. |
|  | 5 If M1 | 1115 is present, then M1114 is required. |
|  | 6 If M1 | 1118 is present, then M1115 is required. |
|  | 7 If M1 | 1119 is present, then M1118 is required. |
| Semantic Notes: | 1 M110 | 01 is the unique bill of lading number. |
|  | 2 M1102 | 02 is the Port of Destination. |
|  | 3 M110 | 03 is used for total number of pieces on a bill of lading using the smallest age unit (maximum eight-digits). |
|  | 4 M110 | 04 is the smallest package unit code. |
|  | 5 M111 | 11 is the house bill number for consolidation. |
|  | 6 M111 | 12 is the unique bill of lading issuer code. |
|  | 7 M111 | 13 is the issuer code of the consolidated shipment. |
|  | 8 M111 | 14 is the code of the secondary party nominated to receive bill of lading status ications. |
|  | $\begin{array}{ll} 9 & \text { M111 } \\ \text { status } \end{array}$ | 15 is the code of the second secondary party nominated to receive bill of lading notifications. |
|  |  | 18 is the Standard Carrier Alpha Code (SCAC) of an additional second notify er. <br> 20 is the Port of Unloading. |
| Notes: | 1. The Un issuer seq an entry. 2. The seg | nique Bill of Lading number is comprised of the SCAC from M1112 and the quence number in the M1101. Customs Brokers must obtain this number to file <br> gment is not used if M1303 is 'D' or 'R'. |
|  |  | Data Element Summary |
| Ref. | Data |  |
| Des. | Element | Name Attributes |
| M1101 | 598 | Bill of Lading/Waybill Number $\quad$ M 1 AN 1/50 |
|  |  | Identification number assigned to the shipment by the carrier or consolidator |
|  |  | Bill Issuer Sequence Number. M1112 + M1101 comprises the unique Bill of Lading number. It must be unique for three years. |
|  |  | - If Bill of Lading number different than Bill of Lading Number in M1101. Bill of Lading Sequence Number, then Bill of Lading number in M1304. Bill of Lading Sequence Numberused. |
|  |  | - CBP accepts up to 50 alpha/numeric characters in this element. |

Code which identifies a specific location
First Foreign Port of Destination. Refer to Export Multimodal Manifest
Appendix O for valid codes. If not specified in Schedule K, use a generic Schedule
K code for all Canadian provinces and Mexican states.

- CBP only accepts 5 numeric characters in this element.

Quantity
M $\quad$ R R1/15
Numeric value of quantity
Piece count units are given in the N1001. The total number of N1001 piece counts for the bill of lading must equal the amount in the manifest quantity data field. This value must be greater than zero. No decimals.

- CBP accepts up to 10 numeric characters in this element.
M M1104

Manifest Unit Code
M
1 ID 1/3
Code specifying the smallest package unit for the bill of lading
Refer to Export Multimodal Manifest Appendix E for valid
Weight
M $\quad 1$ R 1/10
Numeric value of weight
The total weight of the merchandise in the bill in Whole numbers only. The value must be greater than zero. No decimals. Will contain the tare weight for empty cars.
M M1106

Weight Unit Code
M 1 ID 1/1
Code specifying the weight unit
Values accepted by CBP:
E Metric Ton

K Kilograms
L Pounds
M Measurement Ton
S Short Ton
T Long Ton

| Not Used | M1107 | $\mathbf{1 8 3}$ | Volume | X | 1 R 1/8 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Not Used | M1108 | $\mathbf{1 8 4}$ | Volume Unit Qualifier | X | 1 ID 1/1 |
| M | M1109 | $\mathbf{5 8 2}$ | Bill of Lading Type Code | O | 1 ID 2/2 |

Code identifying the type of bill of lading
Required by CBP. Values accepted by CBP:
$00 \quad$ Neither Space Charter nor Master In-bond
Regular Bill (in export manifest this is Export Bill)
10 Master In-Bond
69 Empty Equipment
If provided, VID10 will be 'E'
The empty container bill type can only be used for carrier-owned/leased instruments of international traffic.

|  |  |  | Code identifying the Standard Carrier Alpha Code |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Code identifying the Standard Carrier Alpha Code |  |  |
|  | M1115 | 140 | Designation of a Secondary Notify Party nominated to r notifications. (This can either be a SCAC or FIRMS cod If M1115 is present, then M1114 is required. <br> Standard Carrier Alpha Code | X | status $1 \text { ID 2/4 }$ |
|  |  |  | Code identifying the Standard Carrier Alpha Code |  |  |
|  |  |  | Designation of a Secondary Notify Party. (This can eith FIRMS code.) If M1115 is present, then M1114 is required. |  | $\mathrm{C} \text { or }$ |
| Not Used | M1116 | 1302 | Shipper's Export Declaration Requirements | 0 | 1 AN 1/2 |
| Not Used | M1117 | 1578 | Export Exception Code | 0 | 1 ID 2/2 |
| Not Used | M118 | 140 | Standard Carrier Alpha Code | X | 1 ID 2/4 |
| Not Used | M119 | 140 | Standard Carrier Alpha Code | 0 | 1 ID 2/4 |
| Not Used | M120 | 310 | Location Identifier | 0 | 1 AN 1/30 |
|  |  |  | Code which identifies a specific location |  |  |
|  |  |  | Foreign Port of Unlading Refer to Export Multimodal Manifest Appendix O. for valid codes. If not specified in Schedule K use generic Schedule K |  |  |
|  |  |  | Code for all Canadian Provinces and Mexican States CBP accepts only 5 numerics in this element |  |  |
| Not Used | M1121 | 310 | Location Identifier | 0 | N 1/30 |
| Not Used | M1122 | 91 | Transportation Method/Type Code | 0 | 1 ID 1/2 |
| Not Used | M1123 | 591 | Payment Method Type Code | 0 | 1 ID 3/3 |
| Not Used | M1124 | 1271 | Industry Code | 0 | 1 AN 1/30 |
| Not Used | M1125 | 309 | Location Qualifier | M | 1 ID 1/2 |
| Not Used | M1126 | 284 | Service Level Code | 0 | 1 ID 2/2 |
| Not Used | M1127 | 373 | Date | 0 | 1 DT 8/8 |
| Not Used | M1128 | 1073 | Yes/No Condition or Response Code | 0 | 1 ID 1/1 |

```
            Segment: N9 Extended Reference Information
        Position: 0850
            Loop: LX Mandatory
            Level:
            Usage: Optional
        Max Use: }99
            Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
        Syntax Notes: }1\mathrm{ At least one of N902 or N903 is required.
            2 If N906 is present, then N905 is required.
            3 If either C04003 or C04004 is present, then the other is required.
            4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 N906 reflects the time zone which the time reflects.
            2 N907 contains data relating to the value cited in N902.
            Notes: N901 and N902 are required by CBP when this segment is provided.
```


## Data Element Summary

| Des. | Ref. <br> Elem | Data <br> Name |  | Attributes |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M | N901 | 128 | Reference Identification Qualifier Code identifying the Reference Identification Refer to Export Multimodal Manifest Appendix I | M | 1 ID 2/3. |
| N902 |  | 127 | Reference Identification <br> Reference information as defined for a particular Transaction S specified by the Reference Identification Qualifier Refer to Export Manifest Multimodal Appendix I | X <br> et or as | 1 AN 1/80 |
| Not Used | N903 | 369 | Free-form Description Free-form Descriptive text | X | 1 AN 1/45 |
| Not Used | N904 | 373 | Date | 0 | 1 DT 8/8 |
| Not Used | N905 | 337 | Time | X | 1 TM 4/8 |
| Not Used | N906 | 623 | Time Code | O | 1 ID 2/2 |

```
    Segment: N1 Party Identification
    Position: }100
        Loop: N1 Mandatory
        Level:
        Usage:
    Max Use: 1
        Mandatory
    Purpose: To identify a party by type of organization, name, and code
Syntax Notes: }1\mathrm{ At least one of N102 or N103 is required.
2 \text { If either N103 or N104 is present, then the other is required.}
```


## Semantic Notes:

```
Notes: 1. There must be at least TWO occurrences of the N1 loop. One must contain an N101 of 'SH', 'SF', 'PF' or 'FW' to designate Shipper with the name of the party tendering the shipment to the rail carrier in N102. The second occurrence must contain an N101 of 'CD', 'CN', or 'OO' to designate Consignee with the party's name in N102.
2. N103 and N104 are used to identify a Secondary Notify Party or the ABI routing code.
```


## Data Element Summary

## Ref. Data

M
$\frac{\text { Des. }}{\text { N101 }}$

## Element Name <br> 98 Entity Identifier Code

## Attributes

M 1 ID 2/3
Code identifying an organizational entity, a physical location, property or an individual
Values Accepted by Customs:

| AEE | Port Authority |
| :--- | :--- |
| AP | Account of (OriginParty) |
| AQ | Account of (Destination Party) |
| B5 | Affiliated Company |
|  | An organizational entity that shares a business affiliation |
|  | with another business entity |
| BK | Bank |
| BN | Beneficial Owner |
| BT | Bill-to-Party |
| BY | Buying Party(Purchaser) |
| C1 | In Care Of Party no. 1 |
| C2 | In Care Of Party no. 2 |
| CA | Carrier |
| CB | Customs Broker |
| CG | Carnet Issuer |
| CI | Consignor |
| CJ | Automated Data Processing (ADP) Point |
|  | A qualifier for an address of a location providing ADP |
|  | support to an entity that is the intended recipient of a |
|  | transmission, but that entity does not have its own organic |
|  | capability to receive the transmission directly, relying |
|  | instead on the support provided by the ADP point |
| CN | Consignee |
| CP | Party to Receive Cert. of Compliance |
| CS | Consolidator |
| CV | Converter |
| D8 | Dispatcher |
| DC | DestinationCarrier |
| DH | Doing Business As |
| DR | Destination Drayman |
|  |  |


| DS | Distributor |
| :--- | :--- |
| DT | Destination Terminal |
| DU | Resale Dealer |
| DV | Division |
| DW | DownstreamParty |
| EX | Exporter |
| FN | Filer Name |
| FQ | Pier Name |
| FS | Final Scheduled Destination |
|  | Customs duties, excise taxes, and use of bonded fuels are |
|  | dependent on whether an aircraft flight originated or is |
|  | destined for an international location, these codes would |
| be used to note those occurrences |  |
| FW | Forwarder |
| HW | Designated Hazardous Waste Facility |
| HX | Transporter of Hazardous Waste |
| I1 | Interested Party |
| IK | Intermediate Carrier |
| LL | Location of Load Exchange (Export) |
| MA | Name of the location at which load (trailer) is exchanged |
|  | with another motor carrier for export |
|  | Party for Whom Item is Ultimately Intended |
| N1 | Notify Party No.1 |
| N2 | Notify Party No.2 |
| SD | Sold to/Ship to |
| SF | Ship From |
| SH | CBP will map to Shipper |
| SNP | Shipper |
| UC | CBP will map to Shipper |
|  | Secondary Notify Party |
|  | Ultimate Consignee |
|  |  |



67 Identification Code
X
1 AN 2/80
Code identifying a party or other code:

- Should be SCAC, FIRMS, or Broker Routing code if N101 is Secondary Notify Party (SNP).
- CBP accepts 4 alpha/numeric characters in this element for SNP qualifier.


## Entity Relationship Code

| Not Used | N106 | 98 | Entity Identifier Code | 0 | 1 ID 2/3 |
| :--- | :--- | :--- | :--- | :--- | :--- |




Segment: PER

Position: 1250
Loop: N1 Optional
Usage:
Max Use:
Purpose:
Syntax Notes:

Semantic Notes:
Notes:
Optional
1 number should not be used (i.e., 1-800-BE-ALERT).

If used, either PER02 or PER03 is required.

|  | Ref. <br> Des. |
| :--- | :--- |
| M | $\underline{\text { PER0 }}$ |

To identify a person or office to whom administrative communications should be directed
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
When used to convey a telephone or facsimile number, the alpha representation of the



| Not Used Dep | M1207 <br> M1208 | $\begin{aligned} & 140 \\ & 128 \end{aligned}$ | CBP only accepts 9 numeric characters in this element | O$\mathbf{X}$ | $\begin{array}{lll} 1 & \text { ID } 2 / 4 \\ 1 & \text { ID } & 2 / 3 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Standard Carrier Alpha Code |  |  |
|  |  |  | Reference Identification Qualifier |  |  |
|  |  |  | Code qualifying the Reference Identification |  |  |
| Dep | M1209 | 127 | Bonded Carrier ID Qualifier. If M1206 is present, then M1208 is required. If either M1208 or M1209 is present, then the other is required. BI Bonded Carrier Identification Number | X | 1 AN 1/50 |
|  |  |  | Reference Information |  |  |
|  |  |  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |  |  |
|  |  |  | Required for Conventional (M1206) and Paperless (M1202) in-bonds. Bonded Carrier ID Number. The system will validate the ID is on file and has a valid Bond type. <br> Values accepted by CBP are: <br> NN-NNNNNNNXX Internal Revenue Service (IRS) Number <br> YYDDPP-NNNNN CBP Assigned Number <br> If either M1208 or M1209 is present, then the other is required. <br> - CBP will accept up to 12 alpha/numeric characters including embedded hyphens. |  |  |
| 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" |  |  |
| Not Used | M1212 | 1073 | Yes/No Condition or Response Code | O | 1 ID 1/1 |
|  |  |  | Code indicating a Yes or No condition or response |  |  |
| Not Used | M1213 | 373 | Date | M | 1 DT 8/8 |
| Not Used | M1214 | 310 | Location Identifier | 0 | 1 AN 1/30 |




| Segment: | M17 SealNumbers |  |
| ---: | :--- | :--- |
| Position: | 1570 |  |
| Loop: | VID $\quad$ Optional (Dependent) |  |
| Level: |  |  |
| Usage: | Optional |  |
| Max Use: | 5 |  |
| Purpose: | To record seal numbers used and the organization that applied the seals |  |

## Data Element Summary

## Ref.

Data
$M \quad \frac{\text { Des. }}{\mathbf{M 7 0 1}}$

## Attributes

M 1 AN 2/15

225 Seal Number
Unique number on seal used to close a shipment
A valid exporter/carrier seal number associated with this shipment. Cannot include " . " or " - ". Required by CBP for rail usage if additional seals are applied.

- CBP accepts a minimum of 2 non-blank characters and up to 15 alpha/numeric characters in this element.

Seal Number
Unique number on seal used to close a shipment
A valid exporter/carrier seal number associated with this shipment. Cannot include " . " or " - ". Required by CBP for rail usage if additional seals are applied.

- CBP accepts a minimum of 2 non-blank characters and up to 15 alpha/numeric characters in this element.
225 Seal Number
O $\quad 1$ AN $2 / 15$
Unique number on seal used to close a shipment
A valid exporter/carrier seal number associated with this shipment. Cannot include " . " or " - ". Required by CBP for rail usage if additional seals are applied.
- CBP accepts a minimum of 2 non-blank characters and up to 15
alpha/numeric characters in this element.
225 Seal Number
0
1 AN 2/15
Unique number on seal used to close a shipment
A valid exporter/carrier seal number associated with this shipment. Cannot include " . " or " - ". Required by CBP for rail usage if additional seals are applied.
- CBP accepts a minimum of 2 non-blank characters and up to 15
alpha/numeric characters in this element.
98 Entity Identifier Code
O 1 ID 2/3

| Segment: N10 Quantity and Description |  |  |  |
| :---: | :---: | :---: | :---: |
| Position: 1600 |  |  |  |
|  | Loop: | N10 | Optional (Dependent) |
|  | Level: |  |  |
|  | Usage: | Optional (Dependent) |  |
|  | Max Use: | 1 |  |
|  | Purpose: | To indicate line item quantity, description, marks and numbers, commodity code, weight, and customs value |  |
| Syntax Notes: |  | 1 If either N1004 or N1005 is present, then the other is required. |  |
|  |  | 2 If either N1007 or N1008 is present, then the other is required. |  |
|  |  | 3 If N1 | 1013 is present, then N1006 is required. |
| Semantic Notes: |  | 1 If N1013 is not used, the default currency of N1006 is U |  |
|  |  | 2 N1009 is the U.S. Customs and Border Protection (CBP) bar code number for release. |  |
|  |  | 3 N1011 is the country of the manufacturer of the goods. |  |
|  |  | 4 N 1012 is the country of the final destination of the goods. |  |
|  |  | 5 N1013 is the currency of the value of N1006. |  |
| Notes: |  | 1. There must be at least one N10 segment if a VID segment is used. If container is empty, send '1' in element N1001, 'EMPTY' in element N1002 and 'NO MARKS' in N1003. |  |
|  |  | 2. Do not use character selected to serve as Sub-element Separator (ISA16) in |  |
|  |  | Description or Marks and Numbers elements. |  |
|  |  | 3. Do not exceed 999 repetitions of the N10 loop. |  |
|  |  | 4. Tariff data (HTS) must be included on all bills designated for export (T\&E, IE). <br> 5. For every N10 segment sent, Marks and Numbers must be included. |  |
|  |  |  |  |
|  |  | Example: If more description is available than Marks and Numbers, add "." to Marks and Numbers field. |  |
| Data Element Summary |  |  |  |
|  | Ref. | Data |  |
|  | Des. | Element | Name Attributes |
| Dep | N1001 | 380 | Quantity O 1 R 1/15 |
|  |  |  | Numeric value of quantity |
|  |  | Required for each new commodity. Full bill quantity or breakdown quantity may be reported as long as all N1001 elements equal the quantity listed in M1103. |  |
|  |  | When N10 is used to report continued Description and/or Marks and Numbers, the N1001 may be ' 0 ' orblank. |  |
|  |  | - CBP will only accept up to 10 numeric characters in this element. |  |
| Must Use | N1002 | 369 | Free-formDescription O 1 AN 1/45 |
|  |  |  | Free-form descriptive text |
|  |  |  | Required by CBP. If the N10 is used to provide additional Marks and Numbers in the N1003 and additional Description does not exist or is not available, value should be '.' in this element. |
| Must Use | N1003 | 87 | Marks and Numbers O 1 AN 1/48 |
|  |  |  | Marks and numbers used to identify a shipment or parts of a shipment |
|  |  |  | Required by CBP. The written description of the symbols and markings on the outside of the packages. If Marks and Numbers do not exist or are not available, value should be 'NO MARKS' in this element. |
|  |  |  | If the N10 is used to provide additional Description in the N1002 and Marks and Numbers do not exist or are not available, value should be '.' in this element. |
|  |  | - CBP accepts up to 45 alpha/numeric characters in this element. |  |
| Dep | N1004 | 23 | Commodity Code Qualifier $\quad$ X 1 ID 1/1 Code identifying the commodity coding system used for Commodity Code - CBP accepts a six to ten digit Harmonized code |
|  |  |  |  |



|  | Segment: | V $C_{\text {Motor Vehicle Control }}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Position: | 1620 |  |  |  |
|  | Loop: | N10 | Optional (Dependent) |  |  |
|  | Level: |  |  |  |  |
|  | Usage: | Optional |  |  |  |
|  | Max Use: | 999 |  |  |  |
|  | Purpose: | To define motor vehicle identification and logistics |  |  |  |
| Syntax Notes: |  |  |  |  |  |
| Semantic Notes: |  | 1 VC 05 is the automotive manufacturer route code. |  |  |  |
|  |  | 2 VC 1 | 2 is the direction the headlights of the |  |  |
|  |  | 3 VC 1 | 3 is the final destination ramp location | actur |  |
| Notes: |  | CBP accepts Vehicle Identification Numbers (VINs) in this segment. |  |  |  |
| Data Element Summary |  |  |  |  |  |
| Ref. |  | Data |  |  |  |
| $\frac{\text { Des. }}{\text { VC01 }}$ |  | Element | Name | Attributes |  |
|  |  | 539 | Vehicle Identification Number | M | 1 AN 1/30 |
|  |  |  | Unique identification number stampe | anu |  |
|  | VC02 | 836 | Vehicle Deck Position Code | 0 | 1 ID $2 / 2$ |
|  |  |  | Code identifying the specific position when dealing with rail cars the front e car which the vehicle faces |  | ment; he rail |
| Used | VC03 | 837 | Vehicle Type Code | 0 | 1 ID 1/1 |
| Used | VC04 | 838 | Dealer Code | 0 | 1 AN $2 / 9$ |
| Used | VC05 | 1 | Route Code | 0 | 1 AN 1/13 |
| Used | VC06 | 839 | Bay Location | 0 | 1 AN 1/6 |
| Used | VC07 | 833 | Automotive Manufacturers Code | 0 | 1 ID 2/2 |
| Used | VC08 | 308 | Damage Exception Indicator Code | 0 | 1 ID 1/1 |
| Used | VC09 | 835 | Supplemental Inspection Code | 0 | 1 ID 1/1 |
| Used | VC10 | 583 | Factory Car Order Number | 0 | 1 AN 6/10 |
| Used | VC11 | 877 | Vessel Stowage Location | 0 | 1 AN 1/12 |
| Used | VC12 | 1543 | Equipment Orientation Code | 0 | 1 ID 1/1 |
| Used | VC13 | 310 | Location Identifier | 0 | 1 AN 1/30 |


| Ref. Data Data Element Summary |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | Des. | Element | Name | Attributes |  |  |
|  | H101 | 62 | Hazardous Material Code | M |  | AN 4/10 |
|  |  |  | Code relating to hazardous material code qualifier for regulated hazardous materials |  |  |  |
|  |  |  | CBP requires a valid value from the UN/NA (United Nations/North |  |  |  |
|  |  |  | American Hazardous Materials Code) L |  |  |  |
| Not Used | H102 | 209 | Hazardous Material Class Code | 0 | 1 | AN 1/4 |
| Not Used | H103 | 208 | Hazardous Material Code Qualifier | 0 | 1 | ID 1/1 |
|  | H104 | 64 | Hazardous Material Description | 0 | 1 | AN 2/30 |
|  |  |  | Material name, special instructions, and |  |  |  |
|  | H105 | 63 | First 30 alpha numeric characters of the name. The next 30 alpha/numeric will be Hazardous Material Contact | 0 | 1 | AN 1/24 |
|  |  |  | Phone number and name of person or department to contact in case of emergency |  |  |  |
|  |  |  | This is the free form name and phone number for the HAZMAT contact |  |  |  |
| Not Used | H106 | 200 | Hazardous Materials Page | 0 | 1 | AN 1/6 |
| Not Used | H107 | 77 | Flashpoint Temperature | X | 1 | N 1/3 |
| Not Used | H108 | 355 | Unit or Basis for Measurement Code | X | 1 | ID 2/2 |
| Not Used | H109 | 254 | Packing Group Code | 0 | 1 | ID 1/3 |


| Ref. Data Data Element Summary |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M | Des. | Element | Name | Attributes |  |  |
|  | H101 | 62 | Hazardous Material Code | M |  | AN 4/10 |
|  |  |  | Code relating to hazardous material code qualifier for regulated hazardous materials |  |  |  |
|  |  |  | CBP requires a valid value from the UN/NA (United Nations/North |  |  |  |
|  |  |  | American Hazardous Materials Code) L |  |  |  |
| Not Used | H102 | 209 | Hazardous Material Class Code | 0 | 1 | AN 1/4 |
| Not Used | H103 | 208 | Hazardous Material Code Qualifier | 0 | 1 | ID 1/1 |
|  | H104 | 64 | Hazardous Material Description | 0 | 1 | AN 2/30 |
|  |  |  | Material name, special instructions, and |  |  |  |
|  | H105 | 63 | First 30 alpha numeric characters of the name. The next 30 alpha/numeric will be Hazardous Material Contact | 0 | 1 | AN 1/24 |
|  |  |  | Phone number and name of person or department to contact in case of emergency |  |  |  |
|  |  |  | This is the free form name and phone number for the HAZMAT contact |  |  |  |
| Not Used | H106 | 200 | Hazardous Materials Page | 0 | 1 | AN 1/6 |
| Not Used | H107 | 77 | Flashpoint Temperature | X | 1 | N 1/3 |
| Not Used | H108 | 355 | Unit or Basis for Measurement Code | X | 1 | ID 2/2 |
| Not Used | H109 | 254 | Packing Group Code | 0 | 1 | ID 1/3 |

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

## Semantic Notes:

 Notes:Ref.

Des.

## H1 Hazardous Material

1650
H1 Optional
Optional
1
To specify information relative to hazardous material
1 If either H107 or H108 is present, then the other is required.

1. CBP usage of the H1 segment is Conditional - If hazardous cargo is being carried it must be reported.

## Data Element Summary

| Segment: | H2 Additional Hazardous Material Description |
| ---: | :--- |
| Position: | $1660 \quad$ |
| Loop: | $\mathrm{H} 1 \quad$ Optional |
| Level: |  |
| Usage: | Optional |
| Max Use: | 99 |
| Purpose: | To specify free-form hazardous material descriptive data in addition to the information <br> provided in the H1 segment |
| tax Notes: |  |
| Notes: | Up to 2 H 2 segments may be sent for each H1 segment. |

Data Element Summary
Ref.
Data

M

## Des. <br> H201

Not Used H202

Element Name
Attributes
64 Hazardous Material Description
M 1 AN 2/30
Material name, special instructions, and phone number if any Additional 30 alpha/numeric characters of the proper shipping name
274 Hazardous Material Classification
O
$0 \quad 1$ AN $1 / 30$

# Segment: $\mathbf{S E}_{\text {Tranasation Set Triler }}$ 

## Position:

 2000Loop:
Level:
Usage:
Max Use:
Purpose: 1
To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:

|  | Ref. | Data | Data Element Summary |
| :--- | :--- | :---: | :--- |
| M | $\underline{\text { Des. }}$ | $\underline{\text { Element }}$ | SE01 |



| Segment: <br> Position: <br> Loop: <br> Level: <br> Usage: <br> Max Use: <br> Purpose: | Mandatory |
| :---: | :--- |
| (To define the end of an interchange of zero or more functional groups and |  |
| interchange-related control segments |  |
| Syntax Notes: |  |
| Semantic Notes: |  |

